

ABORIGINAL CONSULTATION REPORT

Final Version



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ABORIGINAL CONSULTATION REPORT

LIST OF ACRONYMS/ABBREVIATIONS

ACR	Aboriginal Consultation Report
AIA	Archaeological Impact Assessment
AISRT.....	Aboriginal Independent Science Review Team
AIR	Application Information Requirements
AOA.....	Archaeological Overview Assessment
ASL	ASL Environmental Sciences Inc.
BCEAO.....	British Columbia Environmental Assessment Office
BDP 1	Borehole Drilling Program – Phase 1
BDP 2	Borehole Drilling Program – Phase 2
BLG.....	Borden Ladner Gervais LLP
CEAA	Canadian Environmental Assessment Agency
CFN	Coastal First Nations
CMT(s).....	Culturally Modified Tree(s)
dAIR	Draft Application Information Requirements
DAS	Disposal at Sea
DFO.....	Department of Fisheries and Oceans
EA.....	Environmental Assessment
EIS	Environmental Impact Statement
EISG.....	Environmental Impact Statement Guidelines
FEED.....	Front-End Engineering and Design
GHG	Greenhouse Gas
GIS.....	Geographic Information System
HAZID.....	Hazard Identification
IBA	Impact Benefit Agreement
IR(s).....	Information Request(s)
KBR.....	Kellog Brown & Root Limited



ABORIGINAL CONSULTATION REPORT

LAA..... Local Assessment Area

LIDARLight Detection and Ranging

MOU Memorandum of Understanding

ODK.....OpusDaytonKnight Consultants

PETRONAS.....PETROLIAM NASIONAL BERHAD

PNW LNGPacific NorthWest LNG Limited Partnership

Project Pacific NorthWest LNG Project

PRPA Price Rupert Port Authority

RAARegional Assessment Area

ROV..... Remotely Operated Underwater Vehicle

s. 11Section 11 Order

SES Socioeconomic Study

SFCSkeena Fisheries Commission

Stantec.....Stantec Consulting Ltd.

TERMPOL Technical Review Process of Marine TerminalSystems and Transshipment Sites

TDR(s) Technical Data Report(s)

TUS..... Traditional Use Study

VC(s)..... Valued Component(s)

Final Version

This version of the Aboriginal Consultation Report (ACR) is considered to be a final version for the BC Environmental Assessment Office. An Interim Draft for Consultation was provided to First Nations for their review on September 15, 2013. This final ACR (October 6, 2014) incorporates comments from the two First Nations who provided a response.

ABORIGINAL CONSULTATION REPORT

Purpose of the Aboriginal Consultation Report

1 PURPOSE OF THE ABORIGINAL CONSULTATION REPORT

Pacific NorthWest LNG Limited Partnership (Proponent – PNW LNG) is proposing to construct and operate a liquefied natural gas (LNG) facility on Lelu Island (Project), located primarily on lands under the jurisdiction of the Prince Rupert Port Authority (PRPA). PNW LNG believes it is important to develop respectful relationships with Aboriginal Groups that may be potentially affected by the Project and for this reason PNW LNG initiated discussions with Aboriginal Groups in 2012, well before entering the environmental assessment process. This report outlines PNW LNG's past, present and future proposed engagement and consultation activities with the Aboriginal Groups identified below.

The Order issued under Section 11 of the British Columbia Environmental Assessment Act (EA Act) for the Project, as amended by the Order issued under Section 13 of the EA Act, sets out the scope, procedures and methods for conducting the provincial environmental assessment (EA) for the Project. Part G of the Section 11 Order set out requirements for consultation with Aboriginal Groups, including procedural aspects of consultation to be undertaken by the Proponent on behalf of the Crown during the environmental assessment.

Through these Orders the BC Environmental Assessment Office (EAO) directed the Proponent to consult with the following Aboriginal Groups:

- Metlakatla First Nation Lax Kw'alaams Nation
- Gitxaala Nation
- Kitsumkalum First Nation
- Kitselas First Nation.

Proponent consultation requirements include:

- Provide EAO with an Aboriginal Consultation Plan to guide consultation activities
- Identify potentially affected Aboriginal Interests raised by Aboriginal Groups consulted and identify measures to avoid or mitigate and/or otherwise address or accommodate the concerns of Aboriginal Groups
- Provide EAO with responses to comments received by Aboriginal Groups
- Implement additional measures or amend the Consultation Plan if required by EAO
- Provide EAO with Consultation Reports consistent with the Consultation Plan.

A Section 13 Order established that the EAO would notify the Gitga'at First Nation at key milestones in the EA process but did not set requirements for the Proponent to consult with, or to report out on discussions with, the Gitga'at First Nation. In November 2013 the CEA Agency advised the Proponent that the Gitga'at First Nation had provided information detailing the current use of lands and resources in the Prince Rupert harbour area. Based on this, the Agency directed PNW LNG to engage the Gitga'at First Nation and collect information to assess environmental effects as described in sections 5(1)(c) of the Canadian Environmental Assessment Act, 2012 (CEAA 2012). PNW LNG has engaged with the Gitga'at First Nation and a brief summary of those discussions is included in this report.

ABORIGINAL CONSULTATION REPORT

Purpose of the Aboriginal Consultation Report

PNW LNG submitted an Aboriginal Consultation Plan titled: ***Plan for Procedural Aspects of Aboriginal Consultation*** to the EAO in January 2014. This Plan sets out PNW LNG's objectives for Aboriginal engagement and the procedures and activities being conducted (past, underway and future) to implement the Plan. The Plan specifically addresses provision of capacity funding to Aboriginal Groups through Environmental Assessment Agreements or interim capacity funding in the absence of an Agreement. The Plan recognizes capacity funding is needed to ensure Aboriginal Groups can effectively participate in the EA process and for identifying potential impacts on Aboriginal interests, incorporating Aboriginal information into the review, proposing mitigation measures, and more generally informing project design and decision making processes. In addition the Plan confirmed PNW LNG's willingness to enter into Impact Benefit Agreements that go beyond EA requirements (such as financial payments, procurement opportunities, skills development, and training and employment opportunities). This Plan was revised in consideration of comments received from Aboriginal Groups on a draft of the Plan. PNW LNG will continue to implement its consultation commitments in the Plan through the end of the EA process and beyond into Project construction and operation if the Project receives regulatory approvals.

Section 15.2 of the Section 11 Order (and as amended by the Section 13 Order) specifies that the Proponent must provide the EAO with Aboriginal Consultation Reports and that the Aboriginal Consultation Reports must:

- 15.2.1 summarize the efforts undertaken by the Proponent to consult with Aboriginal Groups on Schedule B and, where required, comply with an Aboriginal Consultation Plan
- 15.2.2 identify the feedback and information received during consultation
- 15.2.3 identify the potential adverse impacts of the proposed Project on Aboriginal Interests
- 15.2.4 identify how the potential adverse impacts of the proposed Project will be avoided, mitigated, addressed or otherwise accommodated, as appropriate
- 15.2.5 outline next steps or future consultation activities, other than those that may be outlined in an approved Aboriginal Consultation Plan.

PNW LNG prepared a summary of consultation activities (to date) with each Aboriginal Group and forwarded this to each Group in December 2013 for review and feedback. Each summary included a narrative summary of consultation activities with the Aboriginal Group, together with a Table of Interactions, a summary of participation in field studies, and a list of technical reports that had been distributed to each Aboriginal Group.

An Aboriginal Consultation Report that incorporated the above summaries was forwarded to the EAO in January 2014 consistent with the intent of the Consultation Plan and PNW LNG's consultation objectives. This report builds on the information provided in the earlier report.

This report is not intended to be an exhaustive compilation of all Aboriginal engagement activities and description of all issues raised. It presents a summary of key engagement activities, key issues raised by First Nations related to the risk of adverse Project effects and the measures adopted or proposed by PNW LNG, as appropriate, to address those risks.

ABORIGINAL CONSULTATION REPORT

Summary of Procedural Consultation Activities with Aboriginal Groups

This report will also serve to inform the Canadian Environmental Assessment Agency (CEA Agency) on the status of the Proponent's Aboriginal Consultation activities, the issues raised during consultation and Proponent responses and measures adopted or proposed to address Aboriginal concerns, consistent with the direction provided by the CEA Agency in the Environmental Impact Statement Guidelines. The Proponent will continue to consult with Aboriginal Groups and provide information as required by the CEA Agency through the entire federal EA process, and beyond.

This Consultation Report is viewed as a key step in PNW LNG's ongoing Aboriginal consultation process. It responds to the Proponent consultation requirements set out by EAO (above) and delivers on the approved Consultation Plan. PNW LNG believes it has acted in good faith in carrying out all consultations with Aboriginal groups, has sought out and responded to all concerns raised by those groups and has modified the Project and/or committed to mitigation measures that avoid or reduce the risk of adverse impacts in response to the concerns raised. A summary of PNW LNG's proposed future consultations is outlined in Section 5 of this report.

2 SUMMARY OF PROCEDURAL CONSULTATION ACTIVITIES WITH ABORIGINAL GROUPS

2.1 ABORIGINAL GROUPS CONSULTED

Since 2012, PNW LNG has engaged in consultation activities with the five Aboriginal Groups. PNW LNG's consultation activities have been informed by the strength of claim assessments for the Prince Rupert Harbour area issued by Transport Canada to each of the above Aboriginal Groups in letters dated August 28, 2012. British Columbia has not provided PNW LNG with any provincial strength-of-claim assessments for the Aboriginal Groups.

Transport Canada's strength of claim assessments for the Prince Rupert Harbour area provided the following assessments:

1. Metlakatla First Nation and Lax Kw'alaams Band: A strong claim to Aboriginal rights to hunt, fish and gather plants and cedar bark on Kaien and Ridley Islands. A moderate claim to Aboriginal title to Kaien Island and a weak claim to Ridley Island.
2. Kitsumkalum First Nation: A very weak claim to Aboriginal rights and title in the Prince Rupert Harbour area.
3. Kitselas Nation: A very weak claim to Aboriginal rights and title in the Prince Rupert Harbour area.
4. Gitxaala First Nation: A weak claim to Aboriginal rights in the Prince Rupert Harbour area and a very weak claim to Aboriginal title in the Prince Rupert Harbour area.

All Aboriginal Groups dispute the assessments provided by Transport Canada and each First Nation asserts Aboriginal rights and title to Lelu Island and the marine terminal location. These differing views of the strength of claims between the interested Aboriginal Groups led PNW LNG to review materials, either publicly available or provided by the Aboriginal Groups, with the aim of better understanding of the relative strength of their asserted claims. This research also included the commissioning of a report by Adrian Clark entitled, "Aboriginal Use and Occupancy of Lelu Island, 1793 to 1846". This report examined publicly available information, and information

ABORIGINAL CONSULTATION REPORT

Summary of Procedural Consultation Activities with Aboriginal Groups

provided by some of the Aboriginal Groups, relating to past and current uses of Lelu Island. The report is not a strength-of-claim assessment and the author did not opine on the strength of claims made by any of the Aboriginal Groups.

Although PNW LNG takes no view on the strength of each of the Aboriginal Groups' asserted claims, this research has informed PNW LNG's understanding of the interests of Aboriginal Groups who could be affected by the Project.

To ensure that its consultation obligations are met, PNW LNG has proceeded with consultation at the deep end of the Haida consultation spectrum.

2.2 ENGAGEMENT WITH GITGA'AT FIRST NATION

On November 5, 2013, the BC Environmental Assessment Office issued a Section 13 Order requiring the Crown to notify Gitga'at First Nation with regards to the Environmental Assessment Process (the "EA Process").

On November 6, 2013, CEA Agency provided PNW LNG direction to engage Gitga'at based on section 5(1)(c) of CEA Act 2012, which provides a legislated basis for consultation. PNW LNG has not been informed by either Gitga'at or the Crown that Gitga'at asserts Section 35 aboriginal rights in the project area.

2.3 CONSULTATION ACTIVITIES COMMON TO ALL ABORIGINAL GROUPS

Following its Plan for Procedural Aspects of Aboriginal Consultation, PNW LNG has undertaken some consultation activities that have been similar for all Aboriginal Groups. Those activities have included Environmental Assessment Agreements ("EA Agreements") to provide capacity funding for the EA Process, the negotiation of Impact Benefit Agreements ("IBAs") to provide economic, employment and training benefits, pre-Application information sharing, and engagement throughout the EA Process.

2.3.1 EA Agreements

PNW LNG has entered into EA Agreements with Metlakatla, Gitxaala, Kitselas, Kitsumkalum and Gitga'at. Each of those agreements provided capacity funding to participate in the EA Process. The EA Agreements with each First Nation also provided detailed work plans for studies and investigations to help identify Aboriginal rights and interests that may be affected by the Project.

PNW LNG has offered to negotiate an EA Agreement with Lax Kw'alaams, but has not yet been able to reach an agreement.

2.3.2 Traditional Use Studies

The EA Agreements that PNW LNG has entered into with Aboriginal Groups all provide funding for the completion of an assessment of traditional use. To date, PNW LNG has received an interim draft Traditional Use Study ("TUS") from Metlakatla, Kitselas, Kitsumkalum and Gitga'at. Gitxaala has submitted a final version of its TUS and has also submitted a report entitled "Gitxaala Valued Components Report". PNW LNG is engaging these First Nations to discuss the information contained in these TUS's.

ABORIGINAL CONSULTATION REPORT

Summary of Procedural Consultation Activities with Aboriginal Groups

PNW LNG hopes the ongoing discussion on the interim-draft TUS's, and PNW LNG's review of the reports Gitxaala submitted, will identify more specific and detailed information about how, when and by whom known Aboriginal interests and rights are utilized and practiced. This specific information will help PNW LNG plan, time and refine the project as well as the mitigation measures it has proposed. Subject to the confidentiality provisions of PNW LNG's EA Agreements with Aboriginal Groups, PNW LNG will share the information from the TUS's and the conclusions that flow from them with the EAO in its Addendum to the Aboriginal Consultation Report.

2.3.3 Capacity Funding

In 2013, prior to entering into EA Agreements, PNW LNG provided interim capacity funding to each First Nation to assist with consultation activities in the pre application processes.

With the conclusion of formal EA agreements with Metlakatla, Kitsumkalum, Gitxaala, Gitga'at and Kitselas, those First Nations have confirmed that they have sufficient capacity support to adequately engage in the EA process until December 2014.

PNW LNG also provided Lax Kw'alaams interim capacity funding in 2013. PNW LNG has also offered to negotiate an EA Agreement with Lax Kw'alaams that would provide capacity funding. On June 5, 2014, PNW LNG wrote to Lax Kw'alaams to confirm that it would reimburse Lax Kw'alaams for all documented and reasonable expenses associated with the EA Process. Lax Kw'alaams has not responded to this offer.

2.3.4 Impact Benefit Agreements

PNW LNG is in negotiations with Metlakatla, Lax Kw'alaams, Kitsumkalum, Kitselas and Gitxaala regarding IBAs and will continue to pursue IBAs with those Aboriginal Groups.

2.3.5 Pre-Application Information Sharing and Consultation

Pre-application consultation with each of the Aboriginal Groups has included meetings where PNW LNG has presented information to Aboriginal Groups, meetings with representatives of the each of the Aboriginal Groups, correspondence by letter and email and the exchange of technical information. PNW LNG hosted Open Houses in Prince Rupert and Port Edward on three separate occasions (November 2012, June 2013, and November 2013).

PNW LNG also offered to hold Open Houses with Aboriginal Groups. Metlakatla accepted this offer and on March 18, 2013, in Metlakatla Village, PNW LNG held an Open House for representatives of its Stewardship Office and members of the community that Metlakatla had selected. Other Aboriginal Groups did not take up this offer.

PNW LNG also invited Aboriginal Groups to participate in a TERMPOL workshop on September 25, 2013. Kitsumkalum and Kitselas attended this workshop.

Aboriginal Groups have participated in surveys and in monitoring programs. A complete list of studies that Aboriginal Groups have participated in is attached as Appendix A.

ABORIGINAL CONSULTATION REPORT

Summary of Procedural Consultation Activities with Aboriginal Groups

Before submitting its Environmental Impact Statement and Environmental Assessment Certificate Application (EIS/Application), PNW LNG provided Aboriginal Groups with reports on topics such as:

- Pre-FEED designs of the Materials Off-load Facility, the jetty/trestle and berths
- Marine resources with a focus on habitats in the foreshore and inter-tidal areas
- Archaeological inventories, including details with respect to the Culturally Modified Trees, on Lelu Island and on the mainland
- Bog and peat deposits on Lelu Island
- LELU Island geology
- Bathymetry of the marine areas in and around Lelu Island
- Contaminated Site Phase I Site Investigation
- Marine vessel movements
- Terrestrial ecosystem and vegetation analyses
- Bird surveys
- Wildlife observations
- Sediment sampling results
- Geotechnical and geophysical assessments on Lelu Island and in the marine footprint areas.

For a complete list of reports provided to Aboriginal Groups, please see the table in Appendix B.

2.3.6 Consultation during the EA Process

The EA Process has provided numerous opportunities for PNW LNG to gather input from Aboriginal Groups. Those opportunities included the following:

- Comments on the Project Description
- Comments on the Section 11 Order
- Comments on the draft Application Information Requirements (“dAIR”)
- Comments on the Canadian Environmental Assessment Agency’s Environmental Impact Statement Guidelines (“EISG”)
- Comments on PNW LNG’s joint Environmental Impact Statement and Application
- Working Group meetings held in Vancouver on July 31 and August 1, 2013
- Working Group meeting in Prince Rupert in April 2014
- Working Group meetings in Vancouver in June 2014
- Comments submitted through Canadian Environmental Assessment Agency’s Federal Information Request dated May 9, 2014.

Through these opportunities, PNW LNG has received and responded to hundreds of specific comments from Aboriginal Groups. PNW LNG has endeavored to respond diligently to all comments from Aboriginal Groups in timely manner. PNW LNG’s responses have included explaining the rationales behind its methodology or Project design, clarification of information provided in reports and the EIS/Application and the development of mitigation measures identified in Section 4.0 below.

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Summary of Procedural Consultation Activities with Aboriginal Groups

PNW LNG held an open house in Prince Rupert on April 8, 2014. All five Aboriginal Groups were invited to these sessions. PNW LNG also invited Aboriginal Groups on boat tours and onsite visits of Lelu Island and surrounding marine areas in April 9, 2014. Metlakatla, Kitsumkalum and Kitselas attended those tours.

On April 16, 2014, PNW LNG, in excess of any requirements in the EA Process, invited representatives of each First Nation to tour an operational LNG facility in Bintulu, Malaysia. Kitsumkalum representatives attended that tour from May 10 to 15 2014.

2.3.7 Chronology of Consultation Activities

PNW LNG has had numerous interactions with Aboriginal Groups during its consultation regarding the Project. For a complete chronology of those interactions, please see Appendix C.

2.4 CONSULTATION ACTIVITIES WITH METLAKATLA

PNW LNG began to engage Metlakatla in the summer of 2012. IBA negotiations began in the fall of 2012. Those negotiations are continuing. Through those negotiations, PNW LNG hopes to reach an agreement with Metlakatla that will provide significant economic benefits, procurement, employment and training opportunities for Metlakatla and its members.

Concurrent with the Impact Benefit Negotiations, PNW LNG began negotiations for an EA Agreement with Metlakatla. Those negotiations continued until an EA Agreement was executed on September 17, 2013. Metlakatla passed a Band Council Resolution authorizing the execution of the EA Agreement on August 22, 2013. Prior to concluding an EA Agreement with Metlakatla, PNW LNG conducted discussions with Metlakatla of the Project's feasibility assessments and Pre-Front End Engineering Design (Pre-FEED), the Project's potential impacts on Aboriginal Groups' interests, Aboriginal rights and title, and opportunities to participate in the Project. PNW LNG also provided Metlakatla the opportunity to participate in archaeological inventory surveys and to investigative geotechnical programs on Lelu Island and to tour the Project Site. Metlakatla was also provided the opportunity to participate in the studies on marine inter-tidal and foreshore biological surveys, marine sediment sampling programs, country foods baseline assessments, fresh water fisheries inventories, migratory bird surveys, archaeological investigations on the mainland, baseline soil and vegetation acidification surveys. Please see Appendix A for a complete list of studies that Aboriginal Groups have participated in.

On March 18, 2013, PNW LNG held an Open House in Metlakatla Village for representatives of the Metlakatla Stewardship Office and members of the community that Metlakatla had selected. PNW LNG provided information on the Project and its design to Metlakatla members. Issues discussed included the design of the jetty trestle and marine terminal, Project design features to avoid or offset potential environmental impacts, field study results from 2012 and an overview of the program of field studies for 2013.

Significant consultation occurred regarding marine and terrestrial geotechnical feasibility investigations in the summer and fall of 2013. Metlakatla participated in monitoring of marine and near-shore marine borehole drilling. Through its archaeological consultants, Metlakatla participated in, and monitored, archaeological investigations that led to the cataloguing of in excess of 500 culturally modified trees on Lelu Island. Following this, Metlakatla also participated in Archaeological Impact Assessment of Lelu Island, which led to the development of a protocol

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Summary of Procedural Consultation Activities with Aboriginal Groups

for handling culturally modified trees and a chance find protocol for archaeological resources for the Lelu Island geotechnical survey programs. Discussions are still continuing with Metlakatla to finalize a Heritage Resources Management Plan. PNW LNG has funded Metlakatla's participation in all of these studies. In October, 2013, PNW LNG provided Metlakatla with a report confirming that the geotechnical feasibility investigations did not result in any adverse environmental impacts.

PNW LNG's EA Agreement with Metlakatla included a work plan for organized consultation between PNW LNG and Metlakatla. Key deliverables in that work plan include the completion of a TUS, a Socio-Economic Study and a Disposal at Sea Study to investigate alternative locations for disposal of dredged materials. The EA Agreement also provided Metlakatla with capacity funding for its participation in the EA Process and associated studies.

On May 31, 2014, Metlakatla has provided PNW LNG with a TUS and an Impact Assessment of LNG and Other Developments on the Metlakatla. The TUS has confirmed the Aboriginal rights and interests that have been identified in previous consultations with Metlakatla. PNW LNG will meet with Metlakatla to discuss the findings of the TUS and Impact Assessment of LNG and Other Developments on the Metlakatla and how those findings should inform the EA conclusions and mitigation plans that PNW LNG is developing and will integrate the findings of the TUS into its proposed mitigation plans.

The work plan developed jointly by Metlakatla and PNW LNG has led to numerous meetings to discuss progress on the various studies and to exchange information and discuss findings. Those meetings have also included discussions of environmental monitoring of Project construction and operations, habitat offset and compensation programs (including a boat tour of potential sites for offsetting programs) and the PNW LNG's proposed Skeena Estuary Conservation Foundation. Metlakatla has also provided comments through the EA Process, such as comments made on the dAIR and on the EIS/Application through the Working Group. PNW LNG has worked to respond to those comments both diligently and thoroughly.

In December 2013, PNW LNG provided Metlakatla drafts of the Aboriginal Consultation Plan and the Aboriginal Consultation Report that was submitted with the EIS/Application. Metlakatla provided comments on both the draft Aboriginal Consultation Plan and the draft Aboriginal Consultation Report, which PNW LNG integrated into the final versions of each document.

On January 14, 2014, PNW LNG provided Metlakatla with revised plans for the design and placement of the jetty-trestle. PNW LNG discussed the new design and the designs that were considered with Metlakatla.

Given the importance of marine issues to Aboriginal Groups, Canada has convened a "side table" to the EA process to focus on these issues at the leadership level (the "Side Table"). PNW LNG is participating in this process along with leaders from Metlakatla, Lax Kw'alaams and senior officials from the British Columbia and Canada. Any outcomes of these meetings will be included for consideration in the EA Process. Metlakatla has noted that the Side Table has not addressed issues beyond those posed by the jetty-trestle design. Metlakatla believes that the Side Table needs to continue to function and reiterate its commitment to resolve a number of marine issues.

PNW LNG will continue to meet with Metlakatla to review Metlakatla's TUS and to refine mitigation measures based on the information received. PNW LNG will continue to work with Metlakatla to finalize the Heritage Resources Management Plan.

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Summary of Procedural Consultation Activities with Aboriginal Groups

PNW LNG will continue to consult with Metlakatla on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation. This will include amending the EA Agreement to reflect a jointly developed work plan and capacity funding to support the work plan. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and consultation flowing from the findings of the TUS throughout the permitting process and Project construction.

For a complete chronology of the consultation activities involving Metlakatla, please see Appendix C.

2.5 CONSULTATION ACTIVITIES WITH LAX KW'ALAAMS

PNW LNG began to engage Lax Kw'alaams in the summer of 2012. In addition IBA negotiations began in the fall of 2012. IBA negotiations are continuing. Through those negotiations, PNW LNG hopes to reach an agreement with Lax Kw'alaams that will provide significant economic benefits, procurement, employment and training opportunities for Lax Kw'alaams and its members.

In 2012 and early 2013, PNW LNG's consultation activities with Lax Kw'alaams followed the same sequence as Metlakatla. PNW LNG pursued negotiations regarding an EA Agreement. Lax Kw'alaams was also invited to monitor archaeological inventory surveys, to investigative geotechnical programs on Lelu Island and to tour the Project Site. Lax Kw'alaams was also provided the opportunity to participate in the studies on marine inter-tidal and foreshore biological surveys, marine sediment sampling programs, country foods baseline assessments, fresh water fisheries inventories, migratory bird surveys, archaeological investigations on the mainland, baseline soil and vegetation acidification surveys. Lax Kw'alaams participated in archaeological surveys on March 15 and on March 18 to 22, 2013 associated with the geotechnical feasibility investigations (described below).

Lax Kw'alaams objected to the geotechnical feasibility investigations that PNW LNG planned to conduct in the spring of 2013. The geotechnical feasibility investigations included drilling 29 boreholes on Lelu Island and eight boreholes in the marine environment along the proposed trestle-jetty location. The Prince Rupert Port Authority, after discussions with Lax Kw'alaams, required PNW LNG to undertake more consultation with Lax Kw'alaams and Metlakatla before undertaking the geotechnical feasibility investigations. This led to three meetings and numerous phone calls between PNW LNG and Lax Kw'alaams, and their representatives, in April and May 2013. Lax Kw'alaams submitted a list of 54 questions to PNW LNG regarding the geotechnical feasibility investigations. PNW LNG responded to all of those questions in writing on May 9, 2013. Lax Kw'alaams provided follow up questions, and PNW LNG responded in writing to those questions on May 28, 2013. In response to Lax Kw'alaams' questions regarding the geotechnical investigation, PNW LNG also provided Lax Kw'alaams with 22 technical documents and reports, including, among others, the following documents:

- An archaeological inventory
- An archaeological monitoring and mitigation plan
- A field exploration plan
- Findings of the underwater surveys of marine borehole locations
- Bog and peat analysis surveys
- An environmental management plan
- Safety guidelines for working over water

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Summary of Procedural Consultation Activities with Aboriginal Groups

- Emergency response plans
- Guidelines issued by the Department of Fisheries and Oceans to prevent the entrainment of fish
- The MSDS information sheet on guar gum, a potential additive in the sea-water based drilling fluid.

In response to Lax Kw'alaams concerns, PNW LNG implemented mitigation measures for the marine environment and archaeological resources on Lelu Island. The Prince Rupert Port Authority assessed the consultation and the mitigation measures sufficient and authorized the geotechnical feasibility investigations to proceed subject to PNW LNG's proposed protocols being followed strictly. Lax Kw'alaams took the position that consultation and the proposed mitigation measures were not sufficient and continued to oppose the geotechnical feasibility investigations. On November 7, 2013, PNW LNG confirmed, with a report prepared by its consultant, Stantec, that the geotechnical investigation did not result in any adverse environmental impacts to fish or fish habitat and that only one culturally modified tree was removed for safety reasons. The culturally modified tree was managed using protocols developed jointly with PNW LNG and Metlakatla. Despite repeated requests for Lax Kw'alaams to provide its protocol for the handling of culturally modified trees, or to work with PNW LNG and Metlakatla in developing such a protocol, Lax Kw'alaams declined to do so. Lax Kw'alaams did not take up PNW LNG's offers to participate in any marine or archaeological monitoring during the geotechnical feasibility investigations.

Since the geotechnical feasibility investigations, PNW LNG has invited Lax Kw'alaams to consult with it numerous times. In total, PNW LNG has extended 41 invitations to Lax Kw'alaams to meet with it to discuss the Project. Lax Kw'alaams accepted nine of those invitations. Lax Kw'alaams has declined four of those invitations and not responded to 28 invitations.

Lax Kw'alaams has invited PNW LNG to meet with it three times. PNW LNG accepted two of those invitations. One of those accepted meetings was scheduled for 10:30 am May 6, 2014 and was to discuss Lax Kw'alaams submission regarding its asserted claim to Aboriginal rights and title to Lelu Island. Lax Kw'alaams cancelled that meeting on the morning of May 6, 2014. Lesley Giroday, legal counsel for Lax Kw'alaams, confirmed later that day that she no longer had instructions to discuss the Lax Kw'alaams submission with PNW LNG. PNW LNG has requested that this meeting be rescheduled, but has not received a response from Lax Kw'alaams. PNW LNG declined a meeting to discuss a fisheries research program and instead proposed a meeting to discuss an alternative estuary conservation initiative. For a complete list of the invitations exchanged between PNW LNG and Lax Kw'alaams, please see Appendix D.

The following meetings have occurred between PNW LNG and Lax Kw'alaams:

- A Project update meeting on March 14, 2013 attended by Lax Kw'alaams and PNW LNG
- Three meetings between late March and May 2013 regarding the geotechnical feasibility investigations
- A technical meeting on marine resources on November 5, 2013
- A meeting between PNW LNG and Lax Kw'alaams on December 12, 2013
- A dinner meeting on June 5, 2014 to discuss fish habitat offset programs
- Two meetings between PNW LNG and Lax Kw'alaams IBA negotiating team on June 27, 2014 and one on July 8, 2014 which discussed marine issues.

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Summary of Procedural Consultation Activities with Aboriginal Groups

During the technical meeting on marine resources held on November 5, 2013 senior leadership of both PNW LNG and Lax Kw'alaams met with their technical advisors on marine issues. PNW LNG had previously provided Lax Kw'alaams with its Marine Data Technical Report. Lax Kw'alaams' technical advisors, the Aboriginal Independent Science Review Team subsequently provided PNW LNG with a report critiquing the Marine Data Technical Report. When requested by PNW LNG, Lax Kw'alaams declined to identify the authors of the Aboriginal Independent Science Review Team's critique or to make those authors available to discuss their critique of the Marine Data Technical Report.

During the meeting of December 12, 2013, PNW LNG offered to discuss capacity funding, an EA Agreement and proposed the Skeena Estuary Conservation Foundation. Lax Kw'alaams had previously proposed a fishery study. PNW LNG understood that the purpose of this study was to confirm high fishery values. As PNW LNG had already accepted high fishery values over the entire area for multiple species and mitigation plans are modelled around high fishery values, PNW LNG declined to participate in that study. PNW LNG instead proposed the Skeena Estuary Conservation Foundation, in part, as an alternative to Lax Kw'alaams' proposed study. The Skeena Estuary Conservation Foundation would provide the opportunity for longer-term studies of fishery values and enhancement measures. PNW LNG attempted to follow up on the discussion of December 12, 2013 with Lax Kw'alaams.

A Lax Kw'alaams representative from the Skeena Fisheries Commission attended a dinner meeting with PNW LNG on June 11, 2014. That dinner included a brain-storming session on potential habitat offsetting measures.

Despite not being able to meet with Lax Kw'alaams representatives for consultation regularly during 2013 and 2014, PNW LNG has been able to meet with its IBA negotiating team. Recently, Lax Kw'alaams IBA negotiators have been willing to have on-the-record discussions regarding potential environmental impacts and the potential effects those impacts could have on Lax Kw'alaams' Aboriginal interests. Two meetings have occurred on those issues: one on June 27, 2014 and one on July 8, 2014. PNW LNG and Lax Kw'alaams are in the process of scheduling future meetings on these issues and intend to continue those discussions.

Lax Kw'alaams is also participating in the Side Table on marine issues, led by the government of Canada. Through that process Mayor Reece of Lax Kw'alaams has been meeting with Greg Kist, CEO of PNW LNG.

Although Lax Kw'alaams has not met with PNW LNG regularly to consult, Lax Kw'alaams has participated in the EA Process by providing written comments. Lax Kw'alaams has provided written comments on many occasions. Some examples include the following:

- 11 comments on the Project Description submitted via letter to Progress Energy Canada Ltd. dated December 21, 2012 and emailed on January 25, 2013
- 112 detailed comments on the Environmental Impact Statement Guidelines via a letter dated March 14, 2013 to Jack Smith of the CEA Agency
- 11 comments on the Section 11 Order via a letter to Kenneth Howes of the EAO dated August 19, 2013
- 40 specific comments and 15 general comments on the dAIR submitted via a letter dated October 4, 2013 to Kenneth Howes of EAO
- Additional comments regarding the Section 11 Order and the EA Process dated November 5, 2013
- 314 follow-up comments on the dAIR submitted via letter dated December 13, 2013 to Kenneth Howes of EAO and that also contained four more general comments

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Summary of Procedural Consultation Activities with Aboriginal Groups

- Additional comments regarding the EA Process in a letter dated January 15, 2014 to Lindsay Jones of PNW LNG
- Additional comments on the Section 11 Order, the Crown's duty to consult, capacity funding, scope of the consultation and capacity funding via a letter dated March 31, 2014
- 320 specific comments regarding the EIS/Application and 27 additional comments specific to marine and fisheries information submitted via letter dated May 1, 2014 to both EAO and CEA Agency
- 53 information requests submitted to the CEA Agency via letter dated May 23, 2014 (after the period for submitting information requests had closed)
- Additional comments on the Consultation Plan, the EA Process, the EIS/Application Information Requirements, the Environmental Impact Statement, Lax Kw'alaams' interests, Environmental Assessment methodology in a letter dated June 3, 2014 to Mike Lambert of PNW LNG
- Additional comments on the Consultation Record in a letter to PNW LNG, also dated June 3, 2014.

The comments address issues ranging from Project location, jetty-trestle location, impacts to marine resources, archaeological resources, marine navigation, the consultation process, EA timelines, EA methodology, impacts to wildlife to issues such as storm water run-off and facility lighting, to name a few. Since PNW LNG has been, for the most part, unable to discuss those comments in person with Lax Kw'alaams' representatives, wherever appropriate, PNW LNG has responded to Lax Kw'alaams' comments in writing. In January and June of 2013, PNW LNG provided Lax Kw'alaams with \$40,000 incapacity funding and PNW LNG expressed its willingness to negotiate an EA agreement with Lax Kw'alaams to provide for a structured plan for consultation and the capacity funding to support it. Including the letter of January 24, 2013, PNW LNG has invited Lax Kw'alaams, in writing, to negotiate capacity funding to participate in the EA process at least five times

In the absence of an EA Agreement, in a letter dated July 23, 2013, PNW LNG offered Lax Kw'alaams \$60,000 in funding to complete a TUS. Via email of July 29, 2013, Lax Kw'alaams declined to accept this funding saying that the funding was insufficient and that an Aboriginal Interest and Use Study would be required. Lax Kw'alaams has declined to enter into further discussions regarding the funding that would be required for a TUS or elaborate on the difference between a TUS and an Aboriginal Interest and Use Study.

PNW LNG will continue its attempts to engage Lax Kw'alaams in consultations. It will continue to meet with Lax Kw'alaams' IBA negotiating team and engage in on-the-record discussions of potential environmental impacts and potential impacts to Aboriginal interests whenever the Lax Kw'alaams' IBA negotiating team has the mandate to discuss such issues on the record. PNW LNG will continue to engage with Lax Kw'alaams through the federal Side Table on marine issues. PNW LNG remains committed to funding all of Lax Kw'alaams reasonable and documented expenses associated with the EA process.

PNW LNG is committed to consulting with Lax Kw'alaams on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation.

This will include offering to develop a work plan and provide capacity funding to support it. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and consultation with Aboriginal Groups in the project permitting process.

For a complete chronology of interactions with Lax Kw'alaams, please see Appendix C.

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Summary of Procedural Consultation Activities with Aboriginal Groups

2.6 CONSULTATION ACTIVITIES WITH GITXAALA

PNW LNG began to engage Gitxaala in the late summer and fall of 2012. Engagement initially started through an exchange of letters and then developed into discussions in December 2012 and January 2013 regarding capacity funding for participation in the EA process and a TUS. Those discussions were initially sporadic and in the absence of formal negotiations, PNW LNG wrote to Gitxaala on January 24, 2013 providing capacity funding. PNW LNG also wrote to Gitxaala on July 23, 2013 offering to fund a TUS. PNW LNG continued discussions with Gitxaala regarding capacity funding for an EA Agreement and executed EA Agreement on May 8, 2014. Concurrently with EA discussions, PNW LNG has engaged with Gitxaala on IBA discussions.

The EA Agreement describes a work plan for Gitxaala's participation in the EA Process and provides funding for that work plan and Gitxaala's participation in the EA process. That funding includes funding for a TUS and a Socio-Economic Study. A Gitxaala Use Study prepared for Port Edward Area LNG Projects and a Gitxaala Valued Component Report have been received to date. Through discussions with Gitxaala, PNW LNG has already been made aware of a number of Gitxaala's Aboriginal interests. PNW LNG will continue to engage Gitxaala regarding the TUS with the intent of providing more specificity and detail regarding how, when, where and by whom Gitxaala's interests are accessed and exercised. PNW LNG will use the information from Gitxaala's TUS, and its discussions with Gitxaala regarding the TUS, to refine mitigation measures it is already developing. Subject to confidentiality provisions, PNW LNG will provide more information regarding the findings of Gitxaala's TUS and how they have informed mitigation measures in its supplemental Aboriginal Consultation Report.

Gitxaala also provided PNW LNG with extensive information about its asserted rights and title claim to Lelu Island and the Project area. PNW LNG's review of the material provided has increased its understanding of Gitxaala's traditional uses of Lelu Island and the Project area.

PNW LNG will also review the interim draft Socio-Economic Study once it is received and consider how the new level of detail it provides can refine mitigation measures already contemplated. PNW LNG will discuss the findings of the Socio-Economic Study, and the refinements of proposed mitigation measures with Gitxaala. PNW LNG will include any non-confidential material from Gitxaala's Socio-Economic Study in its Addendum to the Aboriginal Consultation Report.

Gitxaala has participated in the Working Group and has provided comments throughout the EA process. PNW LNG has responded to all of Gitxaala's comments. PNW LNG has provided Gitxaala technical reports and had meetings with Gitxaala to discuss those reports.

PNW LNG is negotiating an IBA with Gitxaala. Through those negotiations, PNW LNG hopes to reach an agreement with Gitxaala that will provide significant economic benefits, procurement, employment and training opportunities for Gitxaala and its members. Those discussions are still in the early stages, but PNW LNG remains optimistic that an agreement can be reached.

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Summary of Procedural Consultation Activities with Aboriginal Groups

PNW LNG will continue to consult with Gitxaala on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation. This will include amending the EA Agreement to reflect a jointly developed work plan and capacity funding to support it. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and Aboriginal Groups consultation the permitting process.

For a complete chronology of PNW LNG's interactions with Gitxaala, please see Appendix C.

2.7 CONSULTATION ACTIVITIES WITH KITSUMKALUM

PNW LNG began to engage Kitsumkalum in October of 2012. Initial engagement delivered information about the Project through letters. Kitsumkalum also participated in field studies for soil sampling and marine bird surveys in August 2012 and January 2013. PNW LNG also provided Kitsumkalum with technical information about the Project in October and December 2012. PNW LNG invited Kitsumkalum to attend an information session regarding the Project in December 2012.

PNW LNG wrote to Kitsumkalum on January 24, 2013 providing capacity funding. PNW LNG also wrote to Kitsumkalum on July 23, 2013 offering to fund a TUS. PNW LNG continued discussions with Kitsumkalum regarding capacity funding for an EA Agreement and executed EA Agreement on April 3, 2014. Kitsumkalum passed a Band Council Resolution on April 2, 2014 authorizing the execution of the EA Agreement. Concurrent with EA discussions, PNW LNG has engaged with Kitsumkalum on IBA discussions.

The EA Agreement provides funding for Kitsumkalum's participation in the EA process. It also provides funding for a TUS and a Socio-Economic Study. An interim draft of the TUS has been received. Through discussions with Kitsumkalum, PNW LNG has already been made aware of a number of Kitsumkalum's Aboriginal interests. PNW LNG will continue to consult with Kitsumkalum regarding the TUS with the intent of providing more specificity and detail regarding how, when, where and by whom Kitsumkalum's interests are accessed and exercised. PNW LNG will use the information from Kitsumkalum's TUS, and its discussions with Kitsumkalum regarding the TUS, to refine mitigations measures it is already developing. Subject to confidentiality provisions, PNW LNG will provide more information regarding the findings of Kitsumkalum's TUS and how they have informed mitigation measures in its Addendum to the Aboriginal Consultation Report.

PNW LNG will also review the Socio-Economic Study once it is received and consider how the new level of detail it provides can refine mitigation measures already contemplated when it receives the interim Socio-Economic Study and discusses it with Kitsumkalum. PNW LNG will include any non-confidential material from Kitsumkalum's Socio-Economic Study in its Addendum to the Aboriginal Consultation report.

Kitsumkalum has participated in the Working Group and has provided comments throughout the EA process. PNW LNG has responded to all of Kitsumkalum's comments throughout that process. PNW LNG has provided Kitsumkalum technical reports and had meetings with Kitsumkalum to discuss those reports. Some of those reports have detailed results of archaeological investigations on Lelu Island. Kitsumkalum participated in further archaeological work on Lelu Island in July 2014.

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Summary of Procedural Consultation Activities with Aboriginal Groups

PNW LNG is negotiating an IBA with Kitsumkalum. Through those negotiations, PNW LNG hopes to reach an agreement with Kitsumkalum that will provide significant economic benefits, procurement, employment and training opportunities for Kitsumkalum and its members. Those discussions are still in the early stages, but PNW LNG remains optimistic that an agreement can be reached.

PNW LNG will continue to consult with Kitsumkalum on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation. This will include amending the EA Agreement to reflect a jointly developed work plan and capacity funding to support it. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and Aboriginal Groups consultation throughout the permitting process.

For a complete chronology of PNW LNG's interactions with Kitsumkalum, please see Appendix C.

2.8 CONSULTATION ACTIVITIES WITH KITSELAS

PNW LNG began to engage Kitselas in November 2012 by providing initial field study results and inviting Kitselas to attend a workshop. Kitselas attended a meeting about the Project with PNW LNG in December 2012 and provided Kitselas with more technical information about the Project at that meeting.

PNW LNG wrote to Kitselas on January 24, 2013 providing capacity funding. PNW LNG also wrote to Kitselas on July 23, 2013 offering to fund a TUS. PNW LNG continued discussions with Kitselas regarding capacity funding for an EA Agreement and those discussions led to an EA Agreement with Kitselas on July 22, 2014. Concurrently with EA discussions, PNW LNG has engaged with Kitselas on IBA discussions.

The EA Agreement provides funding for Kitselas' participation in the EA process. It also provides funding for a TUS. An interim draft of the TUS has been received. Through discussions with Kitselas, PNW LNG has already been made aware of a number of Kitselas' Aboriginal interests. PNW LNG will continue to engage Kitselas regarding the TUS with the intent of providing more specificity and detail regarding how, when, where and by whom Kitselas' interests are accessed and exercised. PNW LNG will use the information from Kitselas' TUS, and its discussions with Kitselas regarding the TUS, to refine mitigation measures it is already developing. Subject to confidentiality provisions, PNW LNG will provide more information regarding the findings of Kitselas' TUS and how they have informed mitigation measures in its supplemental Aboriginal Consultation Report.

Kitselas has participated in the Working Group and has provided comments throughout the EA process, but to a lesser degree than other Aboriginal Groups. PNW LNG has responded to all of Kitselas' comments throughout that process. PNW LNG has provided Kitselas technical reports and had meetings with Kitselas to discuss those reports. Some of those reports have detailed results of archaeological investigations on Lelu Island.

PNW LNG is negotiating an IBA with Kitselas. Through those negotiations, PNW LNG hopes to reach an agreement with Kitselas that will provide significant economic benefits, procurement, employment and training opportunities for Kitselas and its members.

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Summary of Concerns Raised by Aboriginal Groups

PNW LNG will continue to consult with Kitselas on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation. This will include amending the EA Agreement to reflect a jointly developed work plan capacity funding to support it. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and Aboriginal Groups consultation in permitting process.

For a complete chronology of PNW LNG's interactions with Kitselas, please see Appendix C.

2.9 CONSULTATION ACTIVITIES WITH GITGA'AT

PNW LNG's discussions with Gitga'at led to an EA Agreement with Gitga'at on April 10, 2014. Gitga'at passed a Band Council Resolution on April 24, 2014 ratifying the EA Agreement.

The EA Agreement provides funding for a TUS and a Socio-Economic Study. A Preliminary Results Report of a Traditional Use and Occupancy Study has been received. Through discussions with Gitga'at, PNW LNG has already been made aware of a number of Gitga'at's Aboriginal interests. PNW LNG will continue to engage Gitga'at regarding the TUS with the intent of providing more specificity and detail regarding how, when, where and by whom Gitga'at's Aboriginal interests are accessed and exercised. PNW LNG will use the information from Gitga'at's TUS, and its discussions with Gitga'at regarding the TUS, to refine mitigation measures it is already developing. Subject to confidentiality provisions, PNW LNG will provide more information regarding the findings of Gitga'at's TUS and how they have informed mitigation measures in its supplemental Aboriginal Consultation Report.

PNW LNG will continue to consult with Gitga'at on mitigation measures with regards to its Aboriginal rights and interests beyond the completion of the EA Process and throughout the permitting process required for all aspects of Project construction and operation. This will include amending the EA Agreement to reflect a jointly developed work plan and the capacity funding to support it. The work plan will reflect management and environmental monitoring plans as suggested through the EA Process and Aboriginal Groups consultation in the permitting process.

3 SUMMARY OF CONCERNS RAISED BY ABORIGINAL GROUPS

3.1 SUMMARY OF COMMON CONCERNS RAISED BY ABORIGINAL GROUPS

The great majority of concerns were raised by more than one First Nation. Where more than one First Nation has raised a concern, PNW LNG has summarised that concern as a common concern. Generally, those concerns are described using the same terminology the EIS/Application used to describe the Valued Component. For ease of reference, Section 4.0, which outlines proposed mitigation measures, lists the mitigation measures that respond to the comments raised by Aboriginal Groups, first as common concerns and then as concerns identified by a First Nation, using the same terminology, and by referring to the section in the EIS/Application where the concern is addressed.

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Summary of Concerns Raised by Aboriginal Groups

As the Section 11 Order requires PNW LNG to report concerns that Aboriginal Groups have raised, Section 3.0 of this Report also summarizes Aboriginal Groups' concerns regarding the EA Process and consultation. Section 4.0 does not provide mitigation measures for such concerns. In most instances, comments about the EA Process have already been addressed through the review of the draft Application Information Requirements or the Application screening process. This report does not include the modifications that were made to the EIS/Application as both EAO and CEA Agency already have a complete record of those comments and the resulting modifications to the EIS/Application.

Some comments regarding the EA Process or consultation are better addressed by the EAO or CEA Agency. PNW LNG reports Aboriginal Groups' concerns about those issues here for the information of the regulators.

The information described here reflects the information that PNW LNG received through the consultation process before July 15, 2014. Since that time PNW LNG has received draft, interim TUS's from Metlakatla, Gitxaala, Kitsumkalum, Kitselas and Gitga'at. Since PNW LNG is continuing discussions with those First Nations on the content of the TUS's, that information has not yet been fully incorporated into this report.

PNW LNG expects that the interim-draft TUS's will identify more specific and detailed information about how, when and by whom known Aboriginal interests and rights are utilized and practiced. This specific information will help PNW LNG plan, time and refine the project as well as the mitigation measures it has proposed. Subject to the confidentiality provisions of PNW LNG's EA Agreements with Aboriginal Groups, PNW LNG will share the information from the TUS's and the conclusions that flow from them with the EAO in its supplemental Aboriginal consultation report.

This report describes the Aboriginal rights that could be affected by the concerns and potential impacts that First Nations have raised. The report identifies asserted rights consistent with the concerns that First Nations have raised. The Aboriginal rights identified in this report are also consistent with the types of Aboriginal rights that the courts have recognized. First Nations may wish to articulate other additional asserted rights. Should First Nations provide PNW LNG with their articulation of the asserted Aboriginal rights that could be affected by the Project, then PNW LNG will provide any description of asserted Aboriginal rights it receives from First Nations in future iterations of this report or in a supplemental Aboriginal Consultation Report.

3.1.1 Marine Resources

The key concerns expressed by Aboriginal Groups regarding Marine Resources included:

- **Effects on Marine Ecosystems:** Aboriginal Groups have expressed concerns about the Project's potential impacts to fish and fish habitat and have identified the Flora Bank as a particularly important and sensitive habitat. Aboriginal Groups have expressed concerns about the studies used to investigate the marine ecosystem, the EA assessment methodology and have advocated for more studies conducted over longer time periods and throughout all seasons. They would also like more information on the jetty-trestle, berth, turning basin and materials off-load facility.
- **The Location of the Jetty-Trestle:** Aboriginal Groups have expressed concern about the location of jetty-trestle and other marine infrastructure, especially as that location relates to effects on the Flora Bank.

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Summary of Concerns Raised by Aboriginal Groups

- **Dredging:** Aboriginal Groups have expressed concerns about the dredging, particularly related to the toxicity of the sediment, total suspended solids, the effects fish and fish habitat and the stability of the Flora Bank.
- **Disposal at Sea:** Aboriginal Groups have expressed concerns about disposal at sea, particularly related to the disposal location, the effect on the habitat there and the toxicity of the disposed sediment.
- **Effects on Fish Habitat and Migration:** Aboriginal Groups have raised concerns about the potential effects of Project construction in the marine environment and about how more shipping may impact the migration of salmon and the life cycles of juvenile species. Aboriginal Groups are also concerned about species such as eulachon and ground fish.
- **Marine Mammals:** Aboriginal Groups are concerned that marine traffic will impact marine mammal use and are concerned about vessel collisions with marine mammals. Aboriginal Groups have also raised concerns about the impact of construction noise on marine mammals.
- **Offsetting Programs:** Aboriginal Groups have raised concerns about the efficacy and location of offsetting programs for marine habitat. They have also raised concerns about the impacts of cumulative effects to visual quality and the health of Aboriginal persons.

3.1.1.1 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

3.1.2 Navigation and Marine Resource Use

Aboriginal Groups are concerned that increased shipping from the Project and other potential projects will affect Aboriginal Groups' ability to continue to navigate traditional waters and access traditional harvesting areas unimpeded by marine infrastructure and additional large vessel traffic. Aboriginal Groups have concerns about safety exclusion zones and cumulative effects. They are also concerned that increased marine traffic will have impacts on marine mammals, fish and fish habitat that could affect food security and food quality. Aboriginal Groups are also concerned that increased marine traffic will also cause traditional harvesters to avoid traditional harvesting locations.

3.1.2.1 Navigation and Marine Resource Use and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.1.3 Current Use of Lands and Resources for Traditional Purposes

The key concerns identified by Aboriginal Groups with respect to current use of lands and resources included:

- Marine Use: Aboriginal Groups are concerned about the effects shipping will have on the ability to access traditional harvesting areas. They are also concerned about the impacts to the quantity and quality of marine harvests and the potential impacts to food security, quality and specifically potential effects to human health.
- Hunting and Trapping: Some Aboriginal Groups expressed concerns regarding access to traditional trapping and hunting areas. Some Aboriginal Groups would like resources to be characterised in light of preferred timing, methods and location for hunting and trapping.
- Land Resource Use: Aboriginal Groups about the loss of CMTs as an archaeological resource, tools for teaching Aboriginal Groups culture and as a feature of their territory. Aboriginal Groups are concerned that the loss of CMTs will affect how the territory is perceived and used by Aboriginal Groups.

3.1.3.1 Current Use of Lands and Resources for Traditional Purposes and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.4 Archaeological and Heritage Resources

Several Aboriginal Groups have raised concerns about the Project's impacts on archaeological resources on Lelu Island. Generally, Aboriginal Groups are concerned that archaeological resources, mostly Culturally Modified Trees, are not impacted, but if they are impacted that appropriate measures are taken to preserve their context and archaeological values. Some Aboriginal Groups have stated that the loss of in situ archaeological resources is an impact that cannot be offset by solely gathering information from archaeological resources like CMTs. Some Aboriginal Groups have questioned the methods by which archaeological resources were inventoried.

Some Aboriginal Groups are concerned that increased wave action from vessel traffic will impact archaeological sites, such as petroglyphs.

3.1.4.1 Archaeological and Heritage Resources and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts Aboriginal groups' ability to prove Aboriginal rights and title.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.1.5 Project Safety, Accidents, and Malfunctions

All Aboriginal Groups raised concerns about emergency response plans for both the construction and operational phases of the project. Other concerns raised by Aboriginal Groups related to Project safety have included:

- **Shipping Collisions and Grounding:** Several Aboriginal Groups are concerned about potential shipping accidents caused by increased marine traffic in both the construction and operational phases.
- **Loss of LNG Containment:** Some Aboriginal Groups have inquired about the loss of containment on double-hulled ships, particularly at the berth and loading facility. Aboriginal Groups are particularly concerned about the impacts of a spill to fisheries and marine habitat.
- **Effects of Natural Disasters:** Aboriginal Groups have raised concerns about the risks of natural disasters, particularly earthquakes on upstream supply, and the effects of severe weather events on construction and operations.
- **Hydrocarbon Spills:** Aboriginal Groups are concerned about the effect of potential spills on fish and fish habitat.
- **Hazardous Materials:** Aboriginal Groups are concerned about the transportation of hazardous materials to the facility.
- **Emergency Flaring:** Aboriginal Groups are concerned about how the emissions stack and emergency flaring may affect air navigation and migratory birds.

For the concerns listed above, Aboriginal Groups are concerned about how such spills, accidents or malfunctions may impact fisheries, birds, mammals, and marine habitat, especially the Flora Bank. They are also concerned about how emergency flaring may affect birds and aviation.

3.1.5.1 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.6 Socio-Economic and Community Health and Well-Being

The key concerns identified by Aboriginal Groups with respect to socio-economic impacts included:

- **Socio-Economic Impacts on Aboriginal Groups Communities:** Aboriginal Groups raised concerns about the effects of the Project on traditional culture and practices. They also identified socio-economic impacts to traffic, local economies, local infrastructure and access to social services.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

- **Economic Opportunities:** Aboriginal Groups have raised concerns about their ability to participate in the Project both in construction and operations through employment and procurement opportunities.

Socio-Economic and Community Health and Well-Being and Potential Impacts to Asserted Aboriginal Rights Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.7 Air Quality

The concerns raised by Aboriginal Groups regarding Air Quality included the following concerns:

- **Project Air Emissions:** Aboriginal Groups raised concerns regarding the quality of facility air emissions and the potential effects on human health and the environment. Several Aboriginal Groups questioned the adequacy of the dispersion models used for assessing air quality.
- **Greenhouse Gas Emissions:** Aboriginal Groups have concerns related to the impact of Greenhouse Gases and their effect on BC's emissions targets.

3.1.7.1 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.8 Ambient Light and Visual Quality

Metlakatla, Kitsumkalum and Gitxaala have raised concerns about the visual impacts of shipping. Metlakatla and Kitsumkalum have expressed concerns about impacts of ambient light as a result of shipping. Metlakatla is particularly concerned about potential effects on wildlife, visual quality, Aboriginal mariners and traditional harvesters. Metlakatla believes that these concerns should be addressed in a broader manner. Aboriginal Groups are concerned about how impacts to visual quality may affect human health and quality of life.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.1.8.1 Ambient Light and Visual Quality and Potential Impacts to Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

Gitxaala has raised concerns about the potential for wildlife to avoid key habitat as result of the Project. Kitsumkalum is concerned about the impacts of vessel traffic on seabirds. Some Aboriginal Groups have expressed concerns regarding the potential of decreased air quality on freshwater ecosystems and vegetation, including those inside and outside the Project Development Area.

3.1.9.1 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Potential Impacts to Aboriginal Asserted Aboriginal Rights

Collectively, Aboriginal Groups have raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.1.10 Engagement, Consultation and Participation

The key concerns expressed by Aboriginal Groups regarding consultation, engagement and participation have included:

- The sufficiency of the Environmental Assessment Process to Discharge the Duty to Consult: Aboriginal Groups do not believe that the environmental assessment process can satisfy the Crown's duty to consult as residual impacts will remain unaddressed, particularly the economic component of Aboriginal title.
- The Adequacy of the Strength of Claim Assessments provided by Transport Canada and British Columbia and the Methods used to Identify Aboriginal Groups Interests: All Aboriginal Groups dispute the strength of claim assessments provided by Canada and British Columbia. All Aboriginal Groups assert a strong claim to Aboriginal rights and title in the Project area.
- The Adequacy of PNW LNG's Consultation with Aboriginal Groups: Aboriginal Groups have expressed dissatisfaction with PNW LNG's efforts to consult with them. Most would prefer to have an executed Impact Benefit Agreement in place before agreeing to participate in the environmental assessment process through an EA Agreement with PNW LNG.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.1.11 Environmental Assessment Methodology

The key concerns expressed by Aboriginal Groups regarding environmental assessment methodology have included:

- **The Selection of Valued Components:** Aboriginal Groups generally cited a lack of consultation on the selection of Valued Components and advocated for the inclusion of additional Valued Components and more rigorous assessment of Valued Components.
- **The Regional Assessment Area:** Aboriginal Groups asserted that the selection of the RAAs should have included consultation, that the RAAs should be expanded, usually to include more traditional territory, or that the RAAs for a specific Valued Component should be enlarged.
- **The Local Assessment Area:** Aboriginal Groups reiterated concerns about lack of consultation on the determination of the LAAs. Generally, Aboriginal Groups have advocated for the LAAs to include greater areas.
- **The Baseline Conditions:** Aboriginal Groups expressed reservations about the sufficiency of existing and proposed baseline studies for the marine environment.
- **The Scope of Assessment:** Aboriginal Groups generally want to expand the scope of the environmental assessment and expressed concerns about the concurrent federal and provincial environmental assessments.
- **Timelines:** Several Aboriginal Groups have expressed concerns about the timelines for the environmental assessment process, noting that they do not provide sufficient time to produce and review submissions or studies.

3.1.12 Cumulative Effects

Aboriginal Groups have generally raised concerns about the impact of cumulative effects on air quality, marine navigation, visual quality, Aboriginal health and Aboriginal rights and title, with marine harvesting being a specific right Aboriginal Groups are concerned about.

3.2 METLAKATLA

3.2.1 Marine Resources

3.2.1.1 Marine Life

Metlakatla has expressed concerns regarding the potential effects of the project on marine mammals, and juveniles of such important species such as crab, salmon and eulachon. Metlakatla has noted the importance of impacts on juvenile species and salmon in particular. It has expressed concerns about the characterization of fish habitat and would prefer a more inclusive definition. Metlakatla would like an underwater acoustic field study.

Metlakatla has concerns regarding changes in long shore sedimentation patterns, lack of detailed fish habitat compensation plans, and the understanding of the scale of impact of the project on fish species which depend on the Flora Bank ecosystem. Metlakatla understands that additional information is currently being collected by PNW LNG regarding fisheries, but has not determined if PNW LNG's planned mitigation measures will avoid significant impacts to fish and fish habitat and serious harm to Metlakatla's fishery.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

Metlakatla has voiced support for the Skeena Estuary Conservation Foundation at a conceptual level, but notes that much work needs to be done on that initiative before Metlakatla can support it as a mitigation measure.

3.2.1.2 Dredging

Metlakatla has expressed concerns about the toxicity of the sediment to be dredged, the volume of the area to be dredged, how the dredged materials will be disposed and the dispersion of dredged materials. Metlakatla is also concerned about how the dredging will be conducted and the potential for dredging activities to disturb or damage fish and fish habitat. Metlakatla has stated that real or perceived toxicity of dredged materials could create health impacts from traditionally harvested foods or cause traditional harvesters to change their practices.

3.2.1.3 Disposal at Sea

Metlakatla has also cited concerns about the potential effects of dredging and the related disposal of dredged material at sea.

Metlakatla does not support disposal at sea in Brown's Passage and believes that site could have adverse impacts on Metlakatla's asserted Aboriginal rights and title as this location is an important area for commercial, recreational and subsistence harvesting. Metlakatla would like other sites evaluated for disposal at sea.

3.2.1.4 Jetty-Trestle Location

Metlakatla is concerned that the jetty-trestle may cause erosion and accretion that could affect the Flora Bank. Metlakatla would like discussions of marine infrastructure to continue and would prefer a separate table to discuss with other interested parties, such as Lax Kw'alaams and the BG Group.

3.2.1.5 Effects of Weather on Marine Habitat

Metlakatla is concerned about the effect of severe participation washing contaminants into marine habitat and the ability of the marine infrastructure to sustain high winds.

3.2.1.6 Offsetting

Metlakatla is of the opinion that offsetting should be the last resort mitigation option. The adequacy and credibility of habitat compensation plans should also be assessed on a case-by-case basis, as some habitats cannot be compensated for, most evidently if they are also an area of traditional use.

3.2.1.7 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

3.2.2 Navigation and Marine Resource Use

Effects of Increased Marine Traffic on Marine Use by Aboriginal Mariners

Metlakatla is concerned that its members' fishing vessels may have to alter current practices and will avoid high volume areas of large-vessel marine traffic and that this avoidance will impact both fishing activities and their associated economic benefits. Metlakatla has suggested that the assessment of marine traffic should include the interests and input of Aboriginal mariners. Potential loss of regular marine access to a popular marine recreational area was also raised as a concern by Metlakatla.

3.2.2.1 Potential for Marine Traffic to be diverted to Venn Passage

Metlakatla is concerned that an increase in marine traffic caused by the Project will result in the diversion of small vessel traffic through Venn Passage with a possible concomitant effect on Metlakatla's Aboriginal interests.

Metlakatla is also concerned about the effects of vessels disposing the dredged materials on marine traffic.

3.2.2.2 Effects of Lights and Noise from Marine Traffic

Lights and noise created by large vessels are also a concern, particularly for their potential effects on wildlife, visual quality, Aboriginal mariners and traditional harvesters. Metlakatla believes that these concerns should be addressed in a broader manner.

3.2.2.3 Marine Navigation and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

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Summary of Concerns Raised by Aboriginal Groups

3.2.3 Current Use of Lands and Resources for Traditional Purposes

3.2.3.1 Real and Perceived Risk of Marine Pollution

Metlakatla is concerned about the quality and quantity of future marine harvests as a result of the Project. It has also raised concerns about potential marine water pollution contaminating marine resources harvested for traditional foods resulting health effects.

3.2.3.2 Access to Traditional Harvesting Areas

Metlakatla has raised concerns about the ability to maintain its current ability to access lands and resources for traditional purposes. Potential effects could include changes to preferred timing, location, and methods of access to traditional resources have been noted as concerns.

Metlakatla's draft TUS has provided an index of high-density traditional land use sites. Metlakatla is concerned that Project related impacts to traditional use of these sites is avoided or mitigated. Metlakatla is also concerned about how the Project could impact traditional travel corridors, including water and trail routes. Access through Inverness Pass, Flora Bank, Skeena Slough and surrounding areas are noted as of important concern. Lelu Island is also noted as an important area for hunting and gathering.

Metlakatla is also concerned about how the Project will affect access to traditional habitation sites like campsites, hearths, and cabins.

3.2.3.3 Spiritual and Culturally Significant Areas

Metlakatla's draft TUS identifies Lelu Island, Chatham Sound and surrounding lands and waters as spiritually and culturally significant. Some sites within the Project area are used for meeting, feasting and spiritual practices. Use of these sites, and removal of their place name, may remove them from Metlakatla's collective memory. As traditional knowledge is tied to geographic locations, Metlakatla are concerned the losing the use of site will also cause a loss of the associated traditional knowledge.

Metlakatla has also identified how the loss of access to significant sites could affect community cohesion and inter-generational connectedness. Metlakatla is also concerned that this loss could lead to other effects such as loss of identity and impacts on mental health.

3.2.3.4 Current Use of Lands and Resources for Traditional Purposes and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

It should be noted that Metlakatla does not believe that the list provided above, and other lists of asserted Aboriginal rights in this report, are comprehensive. Metlakatla has provided a more thorough description of the rights it has asserted in its TUS. The Addendum to the Aboriginal Consultation Report will provide more information about Metlakatla's TUS.

3.2.4 Archaeological and Heritage Resources

3.2.4.1 Culturally Modified Trees

Metlakatla's position regarding culturally modified trees, as outlined in the Metlakatla CMT Policy, is that CMTs "no matter their age, are physical evidence of Metlakatla's occupation, use, and ownership of the Metlakatla traditional territory through time. CMTs signify the presence of Metlakatla peoples on the land and indicate the traditional uses of our ancestors. As CMTs were created and left by our Metlakatla ancestors, no individual, organization, or government agency has the right to cut them down, destroy them, or deface them in any way." Metlakatla considers the removal of recorded CMTs in the Project area as significant, as no mitigation measure can compensate for the "loss of context" of these CMTs.

3.2.4.2 Handling of Archaeological Resources

Metlakatla would like to ensure that any archaeological finds are handled and identified according to professional archaeological standards.

3.2.4.3 Vessel Wakes

Metlakatla is concerned about the effect of wave action from increased vessel wakes may have on archaeological sites, including petroglyphs.

3.2.4.4 Historical Sites

Metlakatla's draft TUS also notes that sites within the Project area are historically significant.

3.2.4.5 Archaeological Resources and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts Aboriginal groups' ability to prove Aboriginal rights and title.

Metlakatla has noted that it values each archaeological resource and the context of those resources as an important part of culture and presence on the land, both past and present. It has stated that only Metlakatla can assess the magnitude and significance of residual effects on archaeological and heritage resources. Metlakatla

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

believes that given the volume of CMTs identified on Lelu Island that will require clearing should the Project be approved, PNW LNG and Metlakatla must continue to work towards developing appropriate mitigation measures as well as a compensation strategy for loss of CMTs at this site.

3.2.5 Project Safety Accidents, and Malfunctions

3.2.5.1 Natural Disasters and Weather

Metlakatla would like a risk assessment that includes the risk of natural disasters (e.g., earthquakes and tsunamis) and would like more information about the impacts of severe weather events on Project construction and operations.

3.2.5.2 Malfunctions and Spills

Metlakatla has also requested that an assessment of impacts and malfunctions on Metlakatla Village be conducted. It has also requested an emergency spill response plan.

3.2.5.3 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

3.2.6 Socio-Economic and Community Health and Well-Being

3.2.6.1 Assessment of Specific Metlakatla Impacts

Metlakatla believes that economic effects assessment should include the current socio-cultural realities of its community and should consider specific impacts to its community. Metlakatla believes that analysis of socio-economic impacts should separate impacts to Aboriginal and non-Aboriginal populations.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.2.6.2 Loss of Livelihood

Metlakatla's draft TUS identifies a concern about decreases in populations of plants, fish and animals and the increased competition for those resources with non-aboriginals could lead to a decline in income for Metlakatla individuals.

3.2.6.3 Procurement

Metlakatla has identified areas in which it could be available for sub-contracting opportunities.

3.2.6.4 Effect on Labour Resources

Metlakatla has raised concerns regarding the draw down on labour resources and volunteerism within the Metlakatla community as a result of high-wage job opportunities at the Project.

3.2.6.5 Indirect Effects

Metlakatla has recommended that PNW LNG utilize data from the Gladstone LNG development to inform the potential indirect and induced effects of this Project and others in the Prince Rupert area.

3.2.6.6 Tax Revenues

Metlakatla believes PNW LNG should provide a detailed analysis of anticipated tax revenues against anticipated costs of the numerous mitigation measures (i.e., improvement programs) in order to justify their nullification of residual effects by way of theoretical tax-funded mitigation measures. This analysis should be accompanied with feasible timelines to implement these mitigation measures, as arguably the measures become less effective the longer they take to implement.

3.2.6.7 Socio-Economic and Community Health and Well-Being and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

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Summary of Concerns Raised by Aboriginal Groups

3.2.7 Air Quality

Metlakatla was expressed concerns about the air quality dispersion model and the Project's impact on the province's Greenhouse Gas targets. Metlakatla would like alternative power generation scenarios for the terminal to be modelled. Metlakatla has raised concerns related to air quality, particularly in regards to increased criteria air contaminants and deposition as a result of the Project. Metlakatla also believes that issues, such as the potential for nitrogen deposition to exceed the critical load for eutrophication in the area remain unaddressed.

3.2.7.1 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

3.2.8 Ambient Light and Visual Quality

Metlakatla has raised concerns about the visual impacts of shipping. Metlakatla has expresses concerns about the impacts of ambient light as a result of shipping. Further, Metlakatla is particularly concerned about the potential effects of the visual effects of the Project on wildlife, Aboriginal mariners and traditional harvesters. Metlakatla believes that these concerns should be addressed in a broader manner.

3.2.8.1 Ambient Light and Migratory Birds

The interaction lighting with fog, particularly during important migratory windows (dusk/dawn in spring/autumn) is a concern.

3.2.8.2 Ambient Light and Visual Quality and Potential Impacts to Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

3.2.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

3.2.9.1 Effects of Noise on Migratory Birds and other Wildlife

Metlakatla is concerned about noise and other activities that may disturb migratory birds and notes that the Migratory Birds Convention Act specifically requires the prevention of such activities. Metlakatla is also concerned about the effects of noise on other wildlife.

3.2.9.2 Change in Wildlife Population Distribution

Changes in local habitat availability that results in changes to local species distribution may not have a population level effect but may significantly alter availability and access to resources by Aboriginal Groups. This effect must be carried forward to a discussion of effects on traditional use. Likewise changes to population concentrations should also be considered.

3.2.9.3 Vegetation used for Traditional Purposes

Metlakatla's draft TUS provided a table of species of vegetation that are used for medicine, food and materials.

3.2.9.4 Terrestrial Animal Species and Fish and Aquatic Species

Metlakatla's draft TUS has provided PNW LNG with extensive lists of terrestrial and marine species. The draft TUS also provides some description of how those species are harvested during the seasonal round.

3.2.9.5 Effect of Air Quality on Vegetation and Wildlife

Metlakatla expressed concerns about potential effects from decreased air quality on wetland vegetation and regional freshwater.

3.2.9.6 Offsetting Programs

Metlakatla is concerned that wetland compensations programs that restore wetlands in locations distant from the Project site cannot address changes to traditional uses or wetlands.

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Summary of Concerns Raised by Aboriginal Groups

3.2.9.7 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Potential Impacts to Aboriginal Asserted Aboriginal Rights

Metlakatla has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to derive economic benefit from the land.
- The Aboriginal right to exert decision making over the land.
- The Aboriginal right to cultural integrity.

3.2.10 Engagement, Consultation and Participation

Metlakatla rejects the strength of claim assessments issued by Transport Canada. Metlakatla has stated that given its deep historical and present day occupation of the area and use of its resources, Metlakatla has a valid and unique claim to the Prince Rupert Harbour area.

Metlakatla believes that PNW LNG is unable to determine or address impacts on Aboriginal Title. As such, it cannot determine level of significance of the project impacts to Aboriginal Title. For the Metlakatla this inability to address relative strength of claim and questions of Aboriginal title in the harbour, and the inability to assess impacts on title is of significant concern.

Metlakatla stated that it is necessary for Aboriginal Groups to identify and evaluate impacts on traditional uses and expressed doubts about the Working Group's ability to identify and assess impacts to Aboriginal Groups' interests. Metlakatla also noted that because its community is closest to the Project, it is best able to assess impacts to Aboriginal Groups' interest.

Metlakatla believes that the environmental assessment's timelines and the capacity funding provided by EAO and CEA Agency are insufficient to adequately discharge the duty to consult.

3.2.11 Environmental Assessment Methodology

Metlakatla stated that the Valued Component for Marine Resources was not specific enough and did not expand sufficiently on resources that could be affected. Similarly, for Terrestrial Wildlife and Marine Birds, the Valued Component lumped species together as species of interest rather than specifying sufficient indicator species. Metlakatla requested that the socio-economic assessment include the Metlakatla Village community and disputed the conclusion that there would not be impacts to the Economic Environment. Metlakatla also advocated for a geophysical analysis.

Metlakatla requested to have input into the spatial and temporal boundaries of RAAs and requested a clear justification for the RAA for each Valued Component. It also requested that Metlakatla Village and Venn Pass be included in the RAAs for Marine Resources and Terrestrial Wildlife and Marine Birds. Metlakatla stated that Marine Resources and Human and Ecological Health should include a buffer area around any disposal at sea sites.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

Metlakatla believes that Metlakatla Village should be included in the LAA for Human Ecological Health. Metlakatla also believes that the LAA boundaries should be expanded for several Valued Components.

Metlakatla requested explanations of how to measure such variables as “resilience”. It also has suggested that the temporal boundaries for baseline studies should be agreed by the Working Group. Metlakatla also requested that an underwater acoustic field study be added to the list of required baseline studies. Metlakatla also requested that baseline studies should begin with pre-industrial baselines, especially for Current Use of Lands and Resources for Traditional Purposes. All baseline studies should also consider local contexts.

Metlakatla has noted the absence of VCs specific to Aboriginal Groups’ use and occupancy of traditional territories as a methodological error.

3.2.12 Cumulative Effects

Metlakatla has requested a non-project specific, strategic level cumulative effects assessment that analyzes impacts to Metlakatla rights and title. Such an assessment would include all foreseeable cumulative effects. Metlakatla has specifically identified shipping as requiring a cumulative effects assessment. Metlakatla would like climate change to be considered as part of the cumulative effects assessment and believes that Aboriginal Groups should determine the significance of residual cumulative effects. Metlakatla believes that PNW LNG, can rely on established scientific research and tools to reasonably produce an assessment of the potential effects of climate change on biophysical Valued Components during the lifetime of the Project.

Metlakatla insists that a strategic cumulative effects assessment that accurately considers all past, present, and reasonably foreseeable projects that overlap with the PNW LNG Project is necessary.

3.3 LAX KW’ALAAMS

3.3.1 Marine Resources

3.3.1.1 Flora Bank and Jetty-Trestle Location

Lax Kw’alaams has expressed significant concerns about potential effects to fish habitat and the Flora Bank in particular. Lax Kw’alaams has raised concerns about the jetty location off of Lelu Island and its proximity to Flora Bank. Lax Kw’alaams believes that marine construction on or adjacent to Flora Bank is inappropriate and has advocated for alternative facility locations or shipping methods. Lax Kw’alaams has repeatedly emphasized the longstanding importance of the marine ecosystem to its culture and economy. It has identified the potential impact of the jetty-trestle to the marine ecosystem and fish populations as its most important concern. It believes that Project could affect its members ability to harvest marine resources for cultural, recreational and subsistence purposes.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.3.1.2 Baseline Studies

Lax Kw'alaams believes more studies are needed to understand the marine ecosystem and the Project's potential impacts, particularly longitudinal fish population studies. Lax Kw'alaams has criticised the marine studies provided to it by PNW LNG and has advocated for a more studies over a longer period of time. It also has rejected the government approved methodology that fish habitat baseline assessments and related studies are sufficient to address potential impacts to the marine ecosystem. Lax Kw'alaams has expressed doubts over the future success of any Fish Habitat Compensation Plans.

3.3.1.3 Dredging

Lax Kw'alaams is concerned about the dredging proposed for the Project. Specifically, it is concerned about the volume of dredged material, its toxicity and disposal. Lax Kw'alaams is concerned about the dispersion of dredged material during dredging and disposal. Lax Kw'alaams is also concerned about how the dredging will affect the health and stability of the Flora Bank.

3.3.1.4 Migration of Fish Species

Lax Kw'alaams has noted the location of the Project is close to the mouth of the Skeena River, is within the Skeena River estuary and that the Project could have impacts on the out-migration of juveniles of some fish species, especially salmon.

3.3.1.5 Project Location on Lelu Island

While most Aboriginal Groups have expressed concerns over the potential impacts to Flora Bank, only Lax Kw'alaams has raised the selection of Lelu Island as a concern. Lax Kw'alaams has said that Lelu Island is an inappropriate site due to its potential impacts on fish populations. Lax Kw'alaams provided PNW LNG a report on the siting of the Project by Allen Gottesfeld, titled "Comments on the Siting of the proposed Pacific NorthWest LNG Plant" and also provided studies assessing a project proposed for Lelu Island in the 1970s. After review by its environmental consultant, PNW LNG responded to the Gottesfeld report via letter to Lax Kw'alaams.

Lax Kw'alaams has questioned the ability of PNW LNG to measure the significance of the Project's impact on the Skeena Estuary and Lax Kw'alaams.

3.3.1.6 Site Selection

Lax Kw'alaams has expressed concerns about the Project location and has asserted that Lelu Island, given its location in the Skeena Estuary and near the Flora Bank is an inappropriate location for the Project and its marine infrastructure.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.3.1.7 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

3.3.2 Navigation and Marine Resource Use

3.3.2.1 Effects of Increased Marine Traffic on Aboriginal Mariners

Lax Kw'alaams has identified Aboriginal navigation paths and increased pressure on those routes as a concern. Lax Kw'alaams believes that the cumulative effects of shipping could limit its ability to exercise its Aboriginal rights and that the cumulative effects of ship traffic should be assessed. It has also noted concerns about marine safety and believes shipping impacts beyond Triple Island, especially impacts on commercial and recreational use, should be considered in the environmental assessment.

3.3.2.2 Invasive Species

Lax Kw'alaams would like more information about shipping, particularly about protection from invasive species and the disposal of ballast water.

3.3.2.3 Cumulative Effects of Marine Infrastructure

Lax Kw'alaams is concerned about the effects on navigation through the narrow confines of Porpoise Channel, especially in an instance where Project-specific and cumulative infrastructure is put in place. It is also concerned that marine infrastructure and traffic will cause marine users to avoid the Project area.

3.3.2.4 Navigation and Marine Resource Use and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.3.3 Current Use of Lands and Resources for Traditional Purposes

3.3.3.1 Effects on Traditional Fisheries

Lax Kw'alaams has raised concerns about the Project's impact to traditional fisheries and traditional gathering practices. The impacts of the jetty location on fish and fish habitat have been identified as a key concern. Lax Kw'alaams is also concerned about how noise and other effects from construction and operations will affect the use of the area for marine and land-based harvesting activities.

3.3.3.2 Country Foods

Lax Kw'alaams has also expressed concerns about the Project's potential to affect traditional hunting and trapping activities. Lax Kw'alaams is also concerned about the Project's effect on country foods, both from the perspective of toxins entering the food chain and the change in traditional harvesters' ability to harvest country foods the Project may cause.

Lax Kw'alaams believes that traditional use of land and marine waters can be impacted not just by the quantity and quality of resources available for subsistence, but also for the availability of traditional resources for the maintenance of current and future cultural needs.

3.3.3.3 Offsetting

Lax Kw'alaams is concerned that the resources harvested in and around Lelu Island may be unique to those locations and cannot be harvested elsewhere.

3.3.3.4 Current Use of Lands and Resources for Traditional Purposes and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.3.4 Archaeological and Heritage Resources

3.3.4.1 Potential of Wetlands to Contain Archaeological Resources

Lax Kw'alaams is concerned that current wetlands on Lelu Island may contain archaeological resources from times when those areas were not wetlands. Lax Kw'alaams believes that incremental destruction of CMTs and other cultural heritage features in the regional area very likely as a result of several new projects proposed in this territory and that as a result cumulative effects are likely and must be characterized in this section.

3.3.4.2 Culturally Modified Trees

Lax Kw'alaams has stated that the loss of CMTs and other archaeological resources in their original context cannot be overstated or compensated for.

3.3.4.3 Archaeological Resources and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts Aboriginal groups' ability to prove Aboriginal rights and title.

3.3.5 Project Safety, Accidents, and Malfunctions

Lax Kw'alaams would like a technical risk assessment focusing on LNG containment and is concerned about the increased risk of shipping accidents. Lax Kw'alaams would like additional information about support vessels and emergency response plans associated with those vessels.

3.3.5.1 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.3.6 Socio-Economic and Community Health and Well-Being

3.3.6.1 Changes in Traditional Practices

Lax Kw'alaams is concerned about the socio-economic impacts to its community due to changes in its ability to exercise traditional rights and practices. Lax Kw'alaams believes that the environmental assessment should include a long-term study of impacts to the lives of Aboriginal persons. Socio-economic studies on the effects of the Project should also disaggregate Aboriginal and non-Aboriginal populations.

3.3.6.2 Effects on Alternative Economic Activities

Lax Kw'alaams is concerned the Project may reduce the viability and vitality of alternative economic activities such as commercial and subsistence fishing and eco-tourism. Examples may include tourism, fishing and other marine resources.

3.3.6.3 Construction Camp and Influx of Migrant Workers

Lax Kw'alaams is concerned about the effect of the construction camp on the Lax Kw'alaams community and suggests sensitivity training for workers. It is also concerned how workers travelling from the camp to the construction site will affect traffic and infrastructure.

3.3.6.4 Access to Social Services

Lax Kw'alaams is concerned about its members' access to social services that may come under increased demand during Project construction and operations.

3.3.6.5 Economic Opportunities

Lax Kw'alaams has noted that its members and associated companies are available to participate in economic opportunities and has specifically inquired about sub-contracting opportunities.

3.3.6.6 Socio-Economic and Community Health and Well-Being and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.3.7 Air Quality

Lax Kw'alaams has expressed concerns about the air quality dispersion model being used and the effect of the Project on the province's Greenhouse Gas targets.

3.3.7.1 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.3.8 Ambient Light and Visual Quality

Lax Kw'alaams is concerned with the psycho-social impacts associated with the visual and other sensory changes to Aboriginal peoples' traditional territory and how such changes contribute to health and well-being concerns.

3.3.8.1 Ambient Light and Visual Quality and Potential Impacts to Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.3.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

3.3.9.1 Traditional Plants

Lax Kw'alaams is concerned about how Project construction and operations will affect its members' ability to harvest traditional plants. It is also concerned that plant species listed in the Species at Risk Act may have not been detected. It is also concerned about invasive species and the use of herbicide will affect the use of traditional plants.

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Summary of Concerns Raised by Aboriginal Groups

3.3.9.2 Effects on Wildlife

Lax Kw'alaams is concerned about the lack of bat surveys and surveys to verify that animal migration will not be effected by infrastructure development like the construction of new roads. Lax Kw'alaams is concerned about the effects of noise and light from Project construction and operations will have on SARA listed species like the marbled murrelet and other species that depend on wetlands. Lax Kw'alaams is concerned about the effect of site clearing on amphibians and marine birds and the cumulative effect this could have on the species used for traditional purposes.

3.3.9.3 Wetlands

Lax Kw'alaams has also raised concerns regarding the Project's effects on wetlands on Lelu Island.

3.3.9.4 Offsetting Programs

Lax Kw'alaams notes that habitat offset programs located distant from the Project cannot compensate for local lands lost to local harvesters.

3.3.9.5 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Potential Impacts to Aboriginal Asserted Aboriginal Rights

Lax Kw'alaams has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.3.10 Engagement, Consultation and Participation

Lax Kw'alaams has raised concerns regarding the adequacy of the strength of claim assessments provided by Transport Canada. Lax Kw'alaams has specifically noted that only Metlakatla and Lax Kw'alaams can claim Aboriginal rights and title to Lelu Island and that the range of rights identified by the Transport Canada assessment is incorrect. Lax Kw'alaams has also noted the need to address the economic component of Aboriginal title. Lax Kw'alaams has stressed that it is entitled to deep consultation on the Haida spectrum. It also expressed concerns about the sufficiency of PNW LNG's consultation for the Project and specifically with respect to archaeological inventories, impact assessments and land and marine geotechnical investigations conducted in the spring, summer and fall of 2013.

Lax Kw'alaams also stated that the timelines for the environmental assessment and the capacity funding provided to date are insufficient to discharge the duty to consult and have requested a parallel process for consultation outside of the environmental assessment process.

Lax Kw'alaams has noted that it lacks the technical expertise to review scientific studies. Lax Kw'alaams has raised concerns about PNW LNG's provision of information and criticised the scientific methods used for reports provided by PNW LNG.

Lax Kw'alaams has also identified the need for an Aboriginal Interest and Use Study

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.3.11 Environmental Assessment Methodology

Lax Kw'alaams stated that the selection of Valued Components lacked consultation with Aboriginal Groups and that Valued Components should have references to mitigation measures. In particular, the RAAs do not include all direct physical and ancillary physical works associated with the Project. Lax Kw'alaams identified the breadth of Terrestrial Wildlife and Marine Birds as insufficient. Lax Kw'alaams noted that thresholds for quantitative and qualitative changes to Valued Components should be indicated.

Lax Kw'alaams also believes that Aboriginal Groups should have been consulted on the determination of LAAs and RAAs.

Lax Kw'alaams expressed concerns regarding the availability of baseline studies. It asserted that there is not adequate baseline information available about the Skeena Estuary. Instead longitudinal studies of fish populations are required as habitat studies are, in Lax Kw'alaams' view, insufficient. Lax Kw'alaams further believes that the timelines for the environmental assessment are insufficient to undertake the necessary studies.

Lax Kw'alaams asserted that the scope of assessment should be increased and that clearer boundaries were needed between the federal and provincial environmental assessments.

3.3.12 Cumulative Effects

Lax Kw'alaams expressed specific concerns about the cumulative effects of LNG development on the environment and the use of its traditional resources. It also believes that a cumulative effects assessment is necessary to evaluate impacts to Aboriginal rights and title, particularly with respect to marine navigation. Lax Kw'alaams also believes that the Crown should develop a regional environmental assessment that considers a larger area over a longer time span.

3.4 KITSUMKALUM

3.4.1 Marine Resources

3.4.1.1 Effects on Marine Life

Kitsumkalum has expressed concerns about the impacts of increased shipping on marine resources, specifically the life cycles of migratory fish and the marine currents that affect them. Kitsumkalum has raised concerns about the potential effects to fishing, shellfish and marine harvesting. Kitsumkalum has raised concerns about the Project's effect on salmon life cycles and migration. It has noted that the Flora Bank is habitat of high value and particularly sensitive. The effect of wastewater on the marine ecosystem was identified as a concern. Noise and its effects on marine life is also a concern.

3.4.1.2 Marine Mammals

Kitsumkalum is concerned about the Project's effects on marine mammals, including resident marine mammals in Porpoise Channel.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.4.1.3 Baseline Studies

Kitsumkalum has questioned the adequacy of marine studies performed by PNW LNG, including the essential species represented in the baseline studies.

3.4.1.4 Dredging

Kitsumkalum has concerns about the level of contamination in the dredged materials and deposition rate of dredged materials. Kitsumkalum is also concerned about the total suspended solids during dredging and disposal of dredged materials.

3.4.1.5 Disposal at Sea

Kitsumkalum is concerned about disposal at sea and would like alternative sites to be identified. It is also concerned about the dispersion of dredged materials from disposal at sea. Specifically, Kitsumkalum is concerned about the effects of the disposal of dredged materials may have on eelgrass beds, juvenile salmon and foraging habitat for SARA listed birds.

3.4.1.6 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

3.4.2 Navigation and Marine Resource Use

3.4.2.1 Effects of Marine Traffic on Aboriginal Mariners

Kitsumkalum raised concerns about the effects of increased shipping on marine use and Aboriginal navigation and has called for accommodation of Kitsumkalum marine use. Kitsumkalum has requested more information about the size and volume of ships associated with the Project and the fuels they will use. Kitsumkalum has also requested more information about the scope of the shipping routes and potential emissions.

Kitsumkalum has identified locations of particular concern: Triple Island, for increased marine traffic and fishing areas in Chatham Sound, for decreased access caused by anchorage.

Kitsumkalum is concerned that marine infrastructure like the jetty-trestle will impede marine navigation by Aboriginal Groups mariners. It is also concerned that even if the design of the jetty-trestle allows for passage of gillnetters, port regulations will prohibit navigation under the jetty-trestle.

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Summary of Concerns Raised by Aboriginal Groups

Kitsumkalum has requested that all shipping and tug activities be included in assessment of marine navigation impacts.

It has also raised concerns about the effects of anchoring ships, shipping support vessels, like helicopters and tugs, and ambient light and noise

3.4.2.2 Effects of Marine Navigation on Marine Life

Kitsumkalum has raised concerns about the effects of shipping noise on fish and has noted the need for a comprehensive process to assess and measure impacts of increased shipping on fish.

3.4.2.3 Navigation and Marine Resource Use and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

3.4.3 Current Use of Lands and Resources for Traditional Purposes

3.4.3.1 Effects of Marine Traffic on Harvested Species

Kitsumkalum has raised concerns about the impacts of shipping traffic on marine seafood resources, including plants, ducks, sea lions, seals, shrimps, crabs, prawns, halibut and salmon. It has also requested research on currents, both wind and water, and the effect of increased shipping traffic to access traditional marine resources. Kitsumkalum believes that studies related to these concerns must assess year-round impacts.

Kitsumkalum would like greater clarity on how lands and waters across their traditional territory will be used.

3.4.3.2 Food Security

Kitsumkalum has noted that traditional harvesting rights provide a source of food security for its members and those impacts to harvesting abilities could imperil food security for some of its members. It has requested that cumulative effects of shipping be assessed with consideration of effects on marine harvesting.

ABORIGINAL CONSULTATION REPORT

Summary of Concerns Raised by Aboriginal Groups

3.4.3.3 Current Use of Lands and Resources for Traditional Purposes and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.4.4 Archaeological and Heritage Resources

3.4.4.1 Heritage and Spiritual Locations

Kitsumkalum has told PNW LNG that there is an ancient Kitsumkalum village adjacent to the Project site. Kitsumkalum would also like alteration or destruction of “sense of place” to be included under the Valued Component for “Archaeological and Heritage Resources”.

3.4.4.2 Culturally Modified Trees

Kitsumkalum is also concerned about sampling and handling methods for CMTs and would like an Aboriginal perspective integrated into these methods. Kitsumkalum believes cumulative effects on the loss of CMTs will break the continuity of use from pre-contact through to contemporary use that will result in cultural loss.

3.4.4.3 Archaeological Resources and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts Aboriginal groups’ ability to prove Aboriginal rights and title.

3.4.5 Project Safety, Accidents, and Malfunctions

Kitsumkalum would like a list and description of all possible emergency situations and response plans. It has also requested information about the effects of earthquakes in upstream gas fields and the effect of supply disruption on operational safety of the Project. Kitsumkalum has also requested information about the efficacy of double-hulled ships for containment.

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Summary of Concerns Raised by Aboriginal Groups

3.4.6 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.4.7 Socio-Economic and Community Health and Well-Being

3.4.7.1 Use of Kitsumkalum Territory

Kitsumkalum has raised concerns about the Project's impact to culture and heritage and has identified Kitsumkalum's exclusion from socio-economic studies as a concern. It has also noted that its territory is used for social, ceremonial and economic purposes and is concerned that about the Project's impact on its ability to use and access that territory for those purposes. Kitsumkalum would like greater clarity on how these changes could affect Aboriginal Groups' communities.

3.4.7.2 Effects of Marine Traffic on Kitsumkalum Economy

Kitsumkalum has raised concerns about the effects to marine traffic and the atmosphere that could cause impacts to its economy. It would also like impacts to highway and rail traffic through its traditional territory investigated for socio-economic impacts. It has also raised concerns about the use of migrant workers.

3.4.7.3 Economic Participation

Kitsumkalum has inquired about opportunities to participate in field studies and longer term employment and procurement with the Project.

3.4.7.4 Socio-Economic and Community Health and Well-Being and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.4.8 Air Quality

3.4.8.1 Air Quality Assessment and Dispersion Modelling

Kitsumkalum has raised concerns about the scope of the air quality assessment and requested that impacts to the Skeena River Valley be assessed. Kitsumkalum has concerns about the dispersion modelling used for air quality impacts and would like to be able to review all technical reports.

3.4.8.2 Greenhouse Gas Targets

Kitsumkalum has expressed concerns about the effects of Greenhouse Gases on the environment and the Project's impact on the province's ability to meet its Greenhouse Gas targets.

3.4.8.3 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.4.9 Ambient Light and Visual Quality

Kitsumkalum has raised concerns about the visual impacts of shipping. Kitsumkalum has expressed concerns about impacts on ambient light as a result of shipping.

3.4.9.1 Ambient Light and Visual Quality and Potential Impacts to Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.4.10 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

3.4.10.1 Effects to Wildlife

Kitsumkalum is concerned about the impacts of vessel traffic on seabirds. It is also concerned about how lighting may affect fish and wildlife, particularly SARA listed species. Kitsumkalum is concerned about impacts to wildlife habitat, including dens, wallows, day roosts and hibernaculum. Kitsumkalum is concerned about the effect of the Project on breeding, nesting and foraging habitat.

3.4.10.2 Freshwater Fish Habitat and Wetlands

Kitsumkalum is concerned about freshwater fish habitat, particularly from effects related to acidification and eutrophication from project activities. It is also concerned about the offsetting measures proposed for riparian resources. Kitsumkalum would like wetland mitigation replacement increased from a ratio of 1:1.

3.4.10.3 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Potential Impacts to Aboriginal Asserted Aboriginal Rights

Kitsumkalum has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.4.11 Engagement, Consultation and Participation

Kitsumkalum disagrees with Transport Canada's assessment of its strength of claim to the Prince Rupert Harbour area. It asserts that it holds Aboriginal rights and title to all of Lelu Island and the surrounding marine area. Kitsumkalum has identified the acknowledgement of harvesting rights in the marine environment around Lelu Island in its Agreement in Principle with British Columbia as evidence of its Aboriginal rights in the Project area. Kitsumkalum notes that Aboriginal title will not be addressed by the environmental assessment process.

Kitsumkalum has identified a location adjacent to the Project site as the site of an ancient Kitsumkalum settlement.

Kitsumkalum has expressed concerns regarding the environmental assessment timelines and the capacity funding provided.

3.4.12 Environmental Assessment Methodology

Kitsumkalum believes that the rationale for the inclusion of Valued Components is incomplete and requested that a holistic approach that assesses the interrelationship between the Valued Components be used. It also requested the inclusion of a Valued Component for Human and Ecological Health and that the alteration or destruction of a sense of place be included in Archaeological and Heritage Resources.

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Summary of Concerns Raised by Aboriginal Groups

Kitsumkalum believes that traditional knowledge should have been incorporated into the spatial and temporal boundaries for RAAs. Kitsumkalum also believes that the Greenhouse Gas management needs to be addressed at the RAA level. The RAA boundary for the Skeena Queen Charlotte Regional District should be extended up the Skeena corridor to include Terrace.

Kitsumkalum believes that the selection of the LAA for Air Quality does account for actual wind patterns. It also believes that the LAA for train, highway and rail traffic should be expanded to include Terrace.

Kitsumkalum does not believe that there is reliable and sufficient baseline information available. Specifically, it asserts that the time spans, seasonal representation and geographic scope of the baseline studies is inadequate.

Kitsumkalum expressed the view that fish, marine mammals, marine habitat and intertidal flora should be included in the scope of the environmental assessment.

Kitsumkalum requested that the Spectra pipeline be included in the Project inclusion list.

3.4.13 Cumulative Effects

Kitsumkalum has requested that the Project be described individually and cumulatively with regard to its effects in Kitsumkalum territory. It also requests a more holistic approach to cumulative effects assessment and that cumulative effects of past, present and future projects be considered. Kitsumkalum specifically requested detailed reports regarding the determination of cumulative effects and identified the cumulative effects of increased marine traffic on north coast fisheries.

3.5 KITSELAS

3.5.1 Marine Resources

Kitselas has indicated that fish and fish habitat is a key concern. It has also raised concerns regarding invasive species introduced via shipping and disposal at sea.

3.5.1.1 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Kitselas has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

3.5.2 Navigation and Marine Resource Use

Kitselas did not raise any concerns relating to Navigation and Marine use.

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3.5.3 Current Use of Lands and Resources for Traditional Purposes

Kitselas did not raise any concerns relating to current use of lands and resources for traditional purposes.

3.5.4 Archaeological and Heritage Resources

Kitselas did not raise any concerns relating to Archaeological and Heritage Resources.

3.5.5 Project Safety, Accidents, and Malfunctions

Kitselas would like a safety assessment of shipping ethylene and methane by ship, highway and rail.

3.5.5.1 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Kitselas has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

3.5.6 Socio-Economic

Kitselas has not yet provided comments on socio-economic impacts.

3.5.7 Air Quality

Kitselas has also requested that the air quality impacts be extended to a larger geographical scope and that cumulative effects on air quality be assessed. It has specifically identified concerns about emissions from LNG Carriers and the Project and how those emissions will affect pH balance of watersheds.

3.5.7.1 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Kitselas has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

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Summary of Concerns Raised by Aboriginal Groups

3.5.8 Ambient Light and Visual Quality

Kitselas has not provided specific comments on visual quality.

3.5.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

Kitselas has not provided specific comments on vegetation and wildlife.

3.5.10 Engagement, Consultation and Participation

Kitselas has disputed Transport Canada's strength of claim assessment for its assertion of rights and title in the Prince Rupert Harbour area. It has also expressed concerns about the sufficiency of the environmental assessment process to discharge the duty to consult and identified timelines and capacity funding as insufficient.

3.5.11 Cumulative Effects

Kitselas requested that cumulative effects be considered in relation to air quality and shipping associated with the Prince Rupert Gas Transmission Ltd. project. It also requested a cumulative effects assessment for shipping, disposal at sea, invasive species and LNG Carrier air emissions.

3.6 GITXAALA

3.6.1 Marine Resources

Gitxaala has raised concerns about the potential release of invasive species, noise and pollution. It has also asked for more information about the effects of tankers anchored in refuge areas. It has questioned the methods for calculating the compensation for marine area and raised concerns about the length of time for habitat recovery and the effects on marine harvesters. Gitxaala has noted the importance of Porpoise Harbour for salmon spawning. Gitxaala has noted that the Flora Bank and the Skeena River, including the Skeena Estuary, are important salmon habitat.

3.6.1.1 Marine Resources and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

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Summary of Concerns Raised by Aboriginal Groups

3.6.2 Navigation and Marine Resource Use

Gitxaala believes shipping is a key concern as shipping routes will intersect Gitxaala travel corridors. It has also raised concerns about the effects of anchoring ships, shipping support vessels, like helicopters and tugs, and ambient light and noise. Gitxaala is very concerned about the potential impacts the Project's marine infrastructure and Project construction activities will have on small vessels to travel near Lelu Island.

3.6.2.1 Navigation and Marine Resource Use and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.3 Current Use of Lands and Resources for Traditional Purposes

Gitxaala has raised concerns about the Project's effect on marine harvesting and identified vessel wakes as potential impact and has requested more information about the distinction between Country Foods and Traditional Uses in the environmental assessment.

It has also expressed concerns about the Project's potential to interfere with hunting and trapping activities and noted that it may not be possible to replace resources lost on Lelu Island with resources elsewhere.

3.6.3.1 Current Use of Lands and Resources for Traditional Purposes and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.4 Archaeological and Heritage Resources

Gitxaala is concerned about the effect of vessel wakes on archaeological sites. Gitxaala is also concerned about the clearing of CMTs on Lelu Island and the potential destruction of archaeological sites, such as fish traps.

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Summary of Concerns Raised by Aboriginal Groups

3.6.4.1 Archaeological Resources and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts Aboriginal groups' ability to prove Aboriginal rights and title.

3.6.5 Project Safety, Accidents, and Malfunctions

Gitxaala is concerned about the effect of the loss of LNG containment on fish and fish habitat and is concerned about the effects of shipping incidents on ecological, social, economic and cultural values. It would also like an assessment of the risk of tanker accidents.

3.6.5.1 Project Safety, Accidents, and Malfunctions and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.6 Socio-Economic and Community Health and Well-Being

Gitxaala would like Lach Klan included in the economic area. It has also expressed concerns about the Project's potential effects on the physical and spiritual health of its members due to potential loss of harvesting rights. It is also concerned about the effects of gas vapours on the health of its members. Gitxaala has identified the reduced ability to harvest traditional foods as a potential economic impact.

3.6.6.1 Socio-Economic and Community Health and Well-Being and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

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Summary of Concerns Raised by Aboriginal Groups

- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.7 Air Quality

Gitxaala has requested that testing points for air quality be included along the shipping route.

3.6.7.1 Air Quality Impacts and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.8 Ambient Light and Visual Quality

Gitxaala has raised concerns about the visual impacts of shipping. It has also raised concerns about marine lighting.

3.6.8.1 Ambient Light and Visual Quality and Potential Impacts to Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

Gitxaala has raised concerns about the potential for wildlife to avoid key habitat as result of the Project.

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Summary of Concerns Raised by Aboriginal Groups

3.6.9.1 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Potential Impacts to Aboriginal Asserted Aboriginal Rights

Gitxaala has raised the concerns described above for their potential direct and indirect impacts on the following asserted Aboriginal rights:

- The Aboriginal right to hunt terrestrial wildlife for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.
- The Aboriginal right to gather and harvest plants for subsistence, ceremonial purposes and to support Gitxaala identity, culture and governance.

3.6.10 Engagement, Consultation and Participation

Gitxaala has objected to Transport Canada's strength of claim assessment to the Prince Rupert Harbour area. To support this objection Gitxaala has provided PNW LNG with materials documenting its claims to Aboriginal rights and title in the Prince Rupert Harbour area. Those materials include statutory declarations of Gitxaala members, ethnographic reports, archaeological reports and academic reports on Tsimshian history.

Gitxaala has expressed doubts about the adequacy of the environmental assessment process to discharge the duty to consult at law. Gitxaala has requested greater input on the approval of the consultation process including requesting that it be able to approve the consultation plan.

3.6.11 Environmental Assessment Methodology

Gitxaala advocated for the inclusion of Valued Components for Governance, Sacred Places, Harvesting Rights and Cultural Identity and provided a detailed document explaining the rationale for those proposed Valued Components. Gitxaala also stated that Odour, Wake and Operational Discharge should be Valued Components.

Gitxaala stated that its traditional territory, reserves, harvesting locations, Lach Klan and shipping activities above and below the water line should be included in RAAs. Gitxaala also believes the RAAs and LAAs should be expanded to account for shipping routes.

Gitxaala noted that the environmental assessment lacks baseline information about Aboriginal interests and uses and that baseline studies for freshwater aquatic resources and for key marine species.

Gitxaala stated that all phases of the Project – construction, operation, modification, dismantling and decommissioning – should be included in the scope of environmental assessment. It also noted that the variance between the s. 11 Order and the Environmental Impact Statement Guidelines created confusion and that the dual concurrent federal and provincial assessment processes created a burden on Gitxaala.

3.6.12 Cumulative Effects

Gitxaala requested cumulative effects of all seven projects proposed for the Prince Rupert area be considered in terms of their impacts on Aboriginal rights and practices. Gitxaala specifically identified the cumulative effects of marine traffic as a concern. Gitxaala also expressed concerns on the effect of seven other projects taking place in its territory on its ability to respond to the environmental assessment process.

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Summary of Concerns Raised by Aboriginal Groups

3.7 GITGA'AT

3.7.1 Marine Resources

3.7.1.1 Fisheries Impacts

Gitga'at has expressed concerns about the effect of increased traffic in shipping lanes on marine mammals. It is also concerned about the effects of construction and operations on marine mammals and fish, including herring, caused by noise, vessel speed and blasting.

Gitga'at is concerned about the Project's potential impacts on commercial fishing.

3.7.1.2 Marine Habitat Impacts

Gitga'at is concerned that the importance of the eel grass on Flora Bank has been underestimated. It is concerned about the impacts of the jetty-trestle's navigational lighting on Flora Bank fish populations.

Gitga'at believes that more information is needed about marine habitat offsetting strategies to evaluate the likelihood of their success.

3.7.1.3 Disposal at Sea

Gitga'at is concerned about the disposal of dredged materials at Brown's Passage and the toxicity of the dredged materials to be disposed.

3.7.1.4 Scour and Erosion

Gitga'at has raised concerns about the impact to shoreline habitat from vessel wakes and is also concerned about the effects of tug scour on marine habitat.

3.7.2 Navigation and Marine Resource Use

Gitga'at is concerned that reference was not made to the Alaska King Crab and Surf smelt fisheries.

Gitga'at raised concern about the need for aids to navigation on the Trestle and the effects lighting may have on fish species using Flora Bank.

Gitga'at are concerned operational effects of shipping have not been adequately addressed.

3.7.3 Current Use of Lands and Resources for Traditional Purposes

Gitga'at is concerned about how all phases of the Project will affect traditional users and their access to traditional resources. Gitga'at would like the locations where traditional practices take place to be incorporated into the assessment and mitigation plans.

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3.7.4 Archaeological and Heritage Resources

Gitga'at did not raise any concerns relating to Archaeological and heritage resources.

3.7.5 Project Safety, Accidents, and Malfunctions

Gitga'at is concerned about the effect spills may have on marine birds. It is also concerned about the impacts of accidents on marine habitat and the response plan for marine spills.

3.7.6 Socio-Economic and Community Health and Well-Being

Gitga'at would like to see the assessment more strongly link the effects on marine resources to economic impacts on Gitga'at members.

Gitga'at is also concerned about the methods used to assess community health and well-being.

3.7.7 Air Quality

Gitga'at is concerned about the Project's effects on greenhouse gas emissions and thresholds for air quality monitoring programs.

3.7.8 Ambient Light and Visual Quality

Gitga'at is concerned about the visual impacts of the Project and increased shipping.

3.7.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

Gitga'at has raised concerns about the impact the Project may have on seasonal movements of birds. It is also concerned about the impact of the flare stack on migratory birds.

4 POTENTIAL IMPACTS AND PROPOSED MITIGATION MEASURES RELATED TO ABORIGINAL RIGHTS

Mitigation Measures: From the outset of considering this project, PNW LNG has adopted project design philosophies that place the utmost importance on environmental performance and responding to First Nation (and other) concerns in order to achieve a sustainable project. These philosophies derive in part from PETRONAS technical standards which are a collection of standards developed to supplement international standards and updated with PETRONAS' operating experience over several decades. The standards provide corporate guidance for engineering design, and health, safety and environment, for all facilities. As a result, mitigation measures that address Aboriginal rights derive from:

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

1. Project design elements that are based on PNW LNG philosophies and that anticipated the potential for impacts to specified Aboriginal group interests, as understood by PNW LNG at early stages (e.g., an expectation that First Nations would be concerned about air quality impacts)
2. Project design modifications and/or Proponent commitments that respond to values that are both First Nations rights and interests held by other stakeholders, as identified during First Nation and public consultations, including pre-EA consultations (e.g., impacts to marine resources)
3. Actions taken to directly respond to First Nation concerns identified during consultations (e.g., modifying design or activities to avoid or minimize impacts to CMTs).

Range of Issues: As noted in the Sections 1.0 and 2.0, PNW LNG initiated consultation with specified Aboriginal groups prior to formally entering the EA process. During the combined federal and provincial EA process, opportunities for First Nations to comment and identify concerns included their review of: the Project Description; the draft Section 11 Order; a draft of the Application Information Requirements; a draft of the federal Environmental Impact Statement (EIS) guidelines, evaluation of the EIS/Application; review of the EIS/Application; and review of Proponent responses, including numerous detailed technical memorandums, to Information Requests during the EIS/Application review. First Nations also provided comments during EA Working Group meetings. This is in addition to ongoing consultations with PNW LNG and the federal and provincial governments. Throughout this consultation a wide range of issues and concerns were raised by First Nations, ranging from broad concerns and EA process/policy issues to specific concerns on socio-economic or environmental impacts and impacts to Aboriginal Interests. Some issues are the sole responsibility of the regulator, while others clearly require Proponent responses. The EAO and the CEA Agency have been directly involved in this discussion, or copied on correspondence between First Nations and the Proponent on issues, and they are informed about all issues including those which are potentially the responsibility of the EAO and/or the CEA Agency. This report contains a summary of the concerns and issues First Nations raised most often and identified as the most important regarding the potential for impacts to Aboriginal Rights and PNW LNG's responses to them, including measures and commitments intended to avoid or mitigate the risks of those potential impacts. While this report aims to be comprehensive, it is not possible to detail exhaustively all the comments made by every First Nation and how PNW LNG responded to them. Individual comments not identified in this report, and the responses to such comments, can be located in the correspondence between PNW LNG and First Nations.

Common Issues: The great majority of issues and concerns identified during consultations were shared in common by two or more First Nations. Section 4.1 begins by identifying common concerns and the mitigation measures to address those concerns; concerns raised by each specified Aboriginal group and the associated mitigation measures are then identified in following sub-sections. For example, all First Nations have expressed concerns about potential impacts to marine resources and these common concerns are addressed in Section 4.1 below; in addition, where one Aboriginal group expressed a unique concern about marine resources, this is addressed in the sub-section pertaining to that First Nation.

Other Working Group members also identified issues and concerns that were common with First Nations issues. For example, the federal government information requests or requirements for additional marine studies often overlapped issues raised by First Nations. PNW LNG's responses to issues raised by other Working Group members also contribute to a fulsome response to First Nation concerns, and those responses are identified in this section where appropriate.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

New Studies: In some instances, some First Nations requested more information or additional studies be undertaken. Wherever practical, the Proponent has responded to and/or committed to additional studies as a means of accommodating the requests. In some cases, information from new studies may lead to new or refined mitigation measures that further reduce the risk of Project impacts.

Aboriginal Rights: References to potentially affected Aboriginal rights in this section follows the approach taken to describing Aboriginal rights outlined in Section 3.1.

Traditional Use Studies: Section 3.1 notes that draft-interim TUS's have been received from five First Nations and that discussions are continuing on those studies. PNW LNG expects that those discussions may well lead to refining the mitigation measures identified in this Section of the Report, or to creation of new mitigation measures if appropriate.

Linkages between Valued Components (VCs) and First Nations Interests: The British Columbia environmental assessment process uses a values-based framework for assessment of potential effects. This framework relies on the use of Valued Components to focus assessments on those aspects of the natural and human environment that are of greatest importance to society. While the assessment of potential for impacts on Aboriginal rights involves consideration of different criteria, there is generally considerable overlap with the risk of impacts to valued components. There may be a direct causal relationship between potential impact on a VC and potential impact on an Aboriginal right (e.g., the potential for impacts to a fish and fish habitat VC is directly linked to risk of impacts to an Aboriginal right to fish) or the relationship may be indirect (e.g., potential impacts to an air quality VC may be directly linked to impacts to vegetation and therefore linked to an Aboriginal right to gather plants). Both direct and indirect impacts are included in this report.

This section on mitigation measures draws on these linkages between the potential for impacts to VCs and the potential for impacts on First Nation interests. Measures implemented to avoid, reduce, mitigate or compensate for impacts to VCs contribute to mitigating and accommodating First Nation concerns and risks of impacts to Aboriginal rights.

4.1 COMMON CONCERNS AND MITIGATION MEASURES

4.1.1 Marine Resources VC – Potential Impacts to Asserted Aboriginal Rights

Asserted Aboriginal Rights in Marine Resources Potentially Impacted by the Project (as outlined in Section 3.1.1)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Aboriginal group concerns expressed during consultation regarding Marine Resources are summarized here as:

- Impacts to marine ecosystems and fish and fish habitat and marine vegetation, particularly the sensitive habitats on or near Flora Bank
- Impacts on fish life cycles, migration and fish habitat (species of specific interest include salmon, eulachon, ground fish and others)
- Adverse changes in behaviour of fish and marine mammals
- Impacts of marine infrastructure
- Dredging, including toxicity of disturbed sediments
- Disposal at sea, including toxicity of disturbed sediments
- Adverse changes in sediment or water quality
- Direct injury or mortality to fish and marine mammals
- Cumulative effects on marine resources
- Effectiveness of proposed offset measures.

4.1.1.1 Potential Effects on the Linked VC - Marine Resources

The EIS/Application identifies four potential effects on the marine resources VC. The process used to identify and select these potential effects for assessment included discussions with First Nations. Key potential effects and associated Project activities that may cause the effect are summarized below. For more detail, see Section 13.5 of the EIS/Application; note that the EIS/Application explains that “fish” is used broadly consistent with federal *Fisheries Act* definition, and includes shellfish, crustaceans, roe, etc.

Change in sediment or water quality: Sediment disturbance has the potential to increase total suspended sediment (TSS) levels in the marine environment. Increased TSS can reduce light penetration into water and damage gills and other sensitive tissues of fish and marine mammals. It can also lead to impacts on marine vegetation resources. Activities leading to sediment disturbance during project construction include dredging, blasting, pile driving and sediment disposal, and during operations include vessel maneuvering and maintenance dredging. In addition, sediment dispersal could introduce contaminants (such as dioxins and furans) to new locations where they could become available for uptake by marine biota.

Change in fish habitat: The quantity and quality of both the physical and biological attributes of fish habitat, including marine vegetation, will be changed by project activities. Quantifiable changes are anticipated to occur due to dredging, blasting, excavation within the MOF, pile installation, and sediment deposition from vessel maneuvering at the berths during operations. Pile installation for the marine terminal, MOF, and pioneer dock, and installation of sewage pipes along the seabed between Lelu Island and the mainland (under the bridge) will also result in changes to fish habitat.

Direct mortality or physical injury to fish or marine mammals: Direct mortality or physical injury to fish can be caused by burial, crushing or blasting. Blasting can also injure or kill marine mammals. Project activities that could cause burial or crushing during construction include dredging and excavation, pile driving, disposal of dredged sediment at sea, and installation of sewage pipes under the bridge. Direct injury or mortality from sedimentation and burial could occur during vessel maneuvering at the berths during operations. In addition, elevated TSS levels caused by vessel maneuvering might cause injury to fish.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Underwater noise from blasting and pile driving can cause injury (and possibly mortality in the case of blasting) to marine mammals, and can cause mortality to fish. Marine mammals and fish could sustain auditory injury from underwater noise from blasting and pile driving. These activities also produce pressure waves, which can cause injury or potential mortality.

Change in behaviour of fish or marine mammals:

Fish and marine mammals may change behaviour in response to underwater noise. They could avoid preferred habitats due to noise from project activities such as blasting, dredging, pile driving, disposal at sea, and increased vessel traffic (during construction and operations).

The following table illustrates the primary linkages between the potential effect on the Marine Resources VC, the First Nations concerns and the potential impact on Aboriginal rights.

Potential Effect on Marine Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
<p>Change in Sediment or Water Quality Project Activities Responsible for potential effect include: dredging; blasting; pile driving; sediment disposal; and vessel maneuvering.</p>	<ul style="list-style-type: none"> • Impacts to Marine Ecosystems • Impacts on fish • Adverse changes in behaviour of fish and mammals • Impacts of marine infrastructure • Dredging • Disposal at sea • Adverse changes in sediment or water quality • Direct mortality to fish and marine mammals • Cumulative effects on marine resources 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes.
<p>Change in Fish Habitat Project Activities Responsible for potential effects include: dredging; blasting; MOF excavations; pile driving; sediment disposal; vessel maneuvering; and sewage pipe installation.</p>	<ul style="list-style-type: none"> • Impacts to Marine Ecosystems • Impacts on fish • Adverse changes in behaviour of fish and mammals • Impacts of marine infrastructure • Dredging • Disposal at sea • Adverse changes in sediment or water quality • Cumulative effects on marine resources • Effectiveness of proposed offset measures 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes.
<p>Direct mortality and physical injury to fish or marine mammals Project Activities Responsible for potential effect include: dredging; blasting; pile driving; sediment disposal; vessel maneuvering; and installation of sewage pipes.</p>	<ul style="list-style-type: none"> • Impacts on fish • Direct mortality to fish and marine mammals • Cumulative effects on marine resources 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Potential Effect on Marine Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Change in behaviour of fish or marine mammals Project Activities Responsible for potential effect include: dredging; blasting; pile driving; sediment disposal; vessel maneuvering	<ul style="list-style-type: none"> • Impacts on Fish • Adverse changes in behaviour of fish and mammals • Impacts of marine infrastructure • Dredging • Disposal at sea • Cumulative effects on marine resources 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes.

The assessment of these four potential effects on the Marine Resources VC addresses all First Nation concerns.

4.1.1.2 PNW LNG's Mitigation Measures

A detailed discussion of proposed mitigation measures is provided in Section 13.5 of the EIS/Application. While the following discussion highlights key mitigation measures for each Aboriginal group concern it is important to note that there is considerable overlap of mitigations and concerns and the full suite of mitigation measures discussed in this section collectively address the risk of impacts to First Nation rights.

4.1.1.2.1 Marine Ecosystems

During consultation, the risk of spills impacting marine resources was raised as an issue by a number of First Nations. Following this input, PNW LNG made a design decision to remove the bunker refueling facility at the marine terminal from the project design. Using LNG carrier's boil off gas as fuel allows for this design change, which eliminates risks associated with bunker fuel spill during storage, transfer, and refueling; fuelling LNG carriers with gas also reduces air emissions compared with more traditional use of bunker fuel.

PNW LNG will implement a Marine and Freshwater Resource Management Plan that will detail regulations, permits, BMPs, and mitigation measures required to reduce effects on marine and freshwater environments. This Plan will include marine environmental monitoring to be implemented with focus on TSS/turbidity, and water quality monitoring will be conducted during dredging and at other selected construction sites. Specific areas to be managed and monitored will be identified in the Plan. Contractors will be provided with regulations and guidance on allowable limits for turbidity and other substances, and compliance will be required during all phases of the Project. In the event that TSS levels exceed applicable water quality guidelines outside of the immediate work area (defined in consultation with regulatory agencies), the rate of the activity will be adjusted (e.g., slowed), or additional mitigation measures implemented (e.g., silt curtains) to minimize the spatial extent of elevated TSS.

During project construction, the Environmental Monitoring Management Plan will detail the procedures and practices to comply with all regulatory requirements and guide implementation of self-imposed environmental commitments to protect the environment. The Environmental Monitoring Management Plan will outline the approach for monitoring surface water quality, marine water quality, effluent emissions, and incidental wildlife observations.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.1.1.2.2 Impacts to Fish Life Cycles, Migration and Fish Habitat

The Project design included the following mitigation measures aimed at providing minimal disturbance to fish life cycles, migration and fish habitat:

- Locate jetty footprint in areas of minimal eelgrass disturbance
- Protect shoreline areas to minimize construction and operation impacts, in a manner that promotes colonization of marine biota
- Offset habitat impacts to achieve no net loss of productivity (The EIS/Application presented a Conceptual Fish Habitat Offsetting Strategy [CFHOS] that describes the project activities expected to result in permanent alteration or destruction of fish habitat, quantifies the spatial extent of affected habitats, and describes habitat offsetting options in advancing towards a final Habitat Offsetting Plan [HOP]).

PNW LNG has added the following mitigation measures after consultation with Aboriginal Groups:

- **Fish Habitat Assessment:** Conducted detailed surveys to quantitatively delineate eelgrass beds and to determine the density of the eelgrass bed in Flora Bank. Other, smaller, eelgrass beds within 500 meters of the Project's proposed footprint have also been delineated and undergone density measurements.
- **Minimization of Sediment Scour on Flora Bank:** Deployed additional marine monitoring instrumentation to measure tides, currents, waves and swell off Agnew Bank and in Porpoise Channel, to enhance modelling with the goal of reducing any potential scour to Flora Bank from LNG Carriers and their associated tugboats during the berthing process.
- **Protection from Invasive Species:** Provided information on methods for, and regulation of, discharge of ballast water in Canadian waters that ensures invasive species are not released into Canadian waters and therefore are not expected to impact on marine resources.

PNW LNG will implement monitoring programs that will include:

- Eelgrass surveys will be conducted within the Project footprint prior to construction to:
 - Confirm the amount of eelgrass present
 - Confirm the amount that would be affected by the Project
 - Account for the inter-annual variation.

Follow-up and monitoring programs developed with First Nations include:

- Monitoring change in Flora Bank eelgrass bed extent and density to confirm predictions of the assessment.

4.1.1.2.3 Adverse Changes in Behaviour of Fish and Marine Mammals

To minimize the likelihood of changes in fish and marine mammal behaviour, PNW LNG's Project design included the requirement for marine vessels to reduce speed in the LAA.

The Pile Driving Management Plan will outline methods to reduce effects on marine life during pile driving activities. The plan will adhere to BMPs developed by the BC Marine and Pile Driving Contractors Association and DFO, where possible. The use of bubble curtains will be implemented.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

As a result of consultation with Aboriginal Groups, PNW LNG has undertaken the following mitigation measures:

- PNW LNG has undertaken acoustic modelling of underwater noise to assess potential effects on marine resources including fish and marine mammals.
- To further understand the potential effects of underwater noise on fish and marine mammals, and in recognition of the importance of Flora Bank and the Skeena Estuary, the LAA for Marine Resources was increased to include the Project development area, primary and alternate shipping routes and an additional 10 km buffer. The Acoustic Environment LAA was also revised to include a 2 km buffer along the primary and alternate shipping routes.

Follow-up and monitoring programs developed with First Nations include:

- Monitoring underwater noise during pile driving to confirm effectiveness of mitigation and predicted effects on marine mammals.

A Technical Memorandum regarding Effects of Underwater Noise on Marine Mammals and Fish provides additional information about the effects on marine mammals and fish from underwater noise in response to comments received during the EIS/Application screening and review processes.

4.1.1.2.4 Marine Infrastructure

The marine infrastructure (jetty-trestle, berths, and material off-loading facility [MOF]) have been designed and located to reduce impacts to marine ecosystems and habitat. PNW LNG proposed design uses a jetty, rather than a solid, rock-fill causeway, in order to avoid the significant impacts of a causeway on marine habitat, natural ocean currents, tidal movements and fish migration. The jetty-trestle and berths are designed and located at the northern edge of Flora Bank to avoid core eelgrass habitat on Flora Bank, to allow free movement of tides and currents through pile-trestle supports, minimize dredging requirements and minimize scouring during berthing of large vessels. The jetty-trestle and deck of the marine terminal have been designed with sufficient height to reduce the effects of shading on habitat.

The MOF is proposed for a small cove on the north side of Lelu Island, oriented parallel to Porpoise Channel, and is designed to take advantage of local terrain to reduce both marine and terrestrial impacts.

In addition to the design mitigations, PNW LNG has reviewed alternative jetty-trestle configurations off of Lelu Island and sought the PRPA's support for any alternate lands for a jetty-trestle off of Ridley Island including examining the preliminary feasibility of tunneling under Porpoise Channel in order to access Ridley Island.

4.1.1.2.5 Dredging

A Dredging Management Plan will detail guidelines for dredging during project construction. Dredging operations will be conducted using methods and/or equipment that reduces sediment spill.

A Follow-up Report on Sediment and Water Quality Associated with Construction of the Terminal Berth Area provides an assessment of Project effects related to dredging for construction of the marine terminal berth and disposal of sediment at the Brown Passage disposal site based on the results of the January-March 2014 sediment and water sampling program. It supplements information in the EIS/Application and reinforced the impact indicators and corresponding mitigation measures identified above, as well as the cumulative effects assessment.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

An additional commitment to mitigate the potential effects of fish mortality associated with hydraulic dredging by avoiding use of the trailing suction hopper dredge (TSHD) equipment during sensitive life stages for Dungeness crab and bivalve larvae was made by the Proponent as an outcome of this work.

The Technical Memo regarding Effects of Dredging and Disposal at Sea provided additional details on water quality guidelines, TSS and sediment modelling and effects on fish behaviour and eel grass habitat and on the Brown Passage disposal site.

The Technical Memorandum regarding Contaminants of Concern in Sediment Proposed to be Dredged from the Materials Offloading Facility and Marine Terminal Berth Area provided additional details on risks associated with sediment contaminants and during dredging and disposal activities.

4.1.1.2.6 Disposal at Sea

Monitoring programs for effects to dredging and disposal at sea will occur before, during, and after the construction of the Project, with details to be further determined collaboratively with Aboriginal Groups, communities, stakeholders, and government departments including DFO and Environment Canada.

At the disposal site, sediment will be disposed within the approved disposal area at a point distant from the area used on the previous trip to minimize TSS. PNW LNG will monitor TSS and turbidity during dredging operations (and modify activities, if required) to ensure water quality guidelines are met. A Technical Memorandum regarding *Sediment Transport into the Project Development Area* provides responses to questions about sediment transport, including flow discharge data and sediment transport rates in the vicinity of the Project from the Skeena River.

The Technical Memo regarding Effects of Dredging and Disposal at Sea provided additional details on water quality guidelines, TSS and sediment modelling and effects on fish behaviour and eel grass habitat and on the Brown Passage disposal site.

The Technical Memorandum regarding Contaminants of Concern in Sediment Proposed to be Dredged from the Materials Offloading Facility and Marine Terminal Berth Area provided additional details on risks associated with sediment contaminants and during dredging and disposal activities.

4.1.1.2.7 Adverse Changes in Sediment or Water Quality

The project is designed such that the only ocean wastewater discharges will be from stormwater runoff and sea water used for hydro-testing during commissioning. Project wastewater will be treated and disposed of through municipal systems. Stormwater will be captured and treated onsite before direct discharge to the marine environment.

The Project design included the following mitigation measures to address Aboriginal Groups' concerns regarding water quality:

- Minimize dredge volume for marine infrastructure
- Employ beneficial re-use of marine sediment wherever possible, as approved by authorities
- Retain a 30 m vegetated buffer zone on Lelu Island and implement shoreline erosion control measures to minimize total suspended solid (TSS) input to the marine environment

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

- Monitor TSS and turbidity during in-water construction and modify activities or implement additional measures to minimize effects
- Implement dredging measures (e.g., equipment design and use of silt curtains to minimize escape of sediment) and consider modifications to dredge plans to reduce effects
- Measures to reduce TSS during vessel berthing
- Preparation and implementation of environmental emergency plans that include measures to prevent and reduce impacts of spills or incidents that could affect sediment and water quality (see Section 4.1.5 for more information).

PNW LNG's Waste Management Plan will address both hazardous and non-hazardous waste management handling during construction and operations. The plan will recognize the risk of impacts to marine resources with a focus on waste minimization, recycling, and disposal in accordance with regulatory requirements.

During the EIS/Application review, PNW LNG revised the proposed water quality monitoring program and sediment and erosion control program to include new provisions that ensure all discharged water into the marine environment meets provincial and federal water quality guidelines. These new provisions include the measures listed below:

- Silt curtains will be installed around dredging and other construction activities that release sediment when they are in areas of low to moderate current velocities
- Thresholds for response (mitigation) will be developed considering the short term and continuous water quality guidelines for turbidity and TSS
- Specific timing windows or work restrictions for dredge and disposal activities will be ascertained in consultation with Fisheries and Oceans Canada (DFO) during permit applications for Fisheries Act authorization related to these activities
- Blasting at the MOF will occur within the DFO timing windows or above the tideline to reduce noise impacts on marine species
- Marine species will be collected and sampled to monitor dioxin and furan concentrations in their tissues: prior to dredging at the marine terminal berth; during dredging; and one year after completion of the dredge program. PNW LNG will consult with First Nations and others to select suitable marine species to monitor and will communicate the results to First Nations and others.

Follow-up and monitoring programs developed with First Nations include:

- Physical and chemical characterization of marine sediment will be completed for dredge areas as part of the disposal at sea permit application. This will include modelling of sediment plumes and sedimentation rates during dredging and disposal of sediment, to confirm predictions of the assessment.
- TSS and turbidity monitoring during dredging and disposal of marine sediment and during operations to confirm modelling predictions.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.1.1.2.8 Direct Injury or Mortality to Fish and Marine Mammals

The Project design included the following mitigation measures to avoid direct injury or mortality to fish and marine mammals:

- Implement blasting guidelines and their accompanying timing windows that reduce risk of injury and mortality to fish and mammals by: following DFO Blasting Guidelines, including enforcing a safety radius of 500 m, and ensuring marine mammals are not present in the safety radius prior to blasting; and conducting blasting within the DFO least-risk timing windows.
- Relocate Dungeness crabs from construction zones
- Use low impact pile driving techniques.

Underwater sound levels will be monitored during the first seven days of blasting and pile installation. Activities will cease and DFO notified if sound levels exceed specified parameters and will only resume after mitigation measures are modified to reduce the risk of injury.

A Technical Memorandum responding to questions under the heading of Accidents and Malfunctions provided information about *Vessel Collisions with Marine Mammals*.

4.1.1.2.9 Cumulative Effects on Marine Resources

Cumulative effects on marine resources, including descriptions of how mitigation measures and regulatory requirements contribute to reduction of those effects, are discussed in Section 13.6 of the EIS/Application. PNW LNG has provided written responses to those specified Aboriginal groups who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to follow-up monitoring, implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in marine resources.

4.1.1.2.10 Effectiveness of Proposed Offset Measures

PNW LNG has committed to including the following actions in the Fish Habitat Offsetting Plan that will be required by DFO:

- Habitat offsetting will be designed to maintain the current level of productive capacity.
- Criteria to assess the suitability of dredged material/overburden will include (but not be exclusive of):
 - Sediment size and cohesiveness
 - Concentrations of contaminants of concerns.

Follow-up and monitoring programs developed with First Nations include:

- Monitoring as part of the Fish Habitat Offsetting Project construction.

The Technical Memorandum regarding *Fish Habitat Offsetting* confirmed that the options for habitat offsetting in the CFHOS are not exhaustive and the final selection of appropriate offsetting measures will be completed in discussion with First Nations and others. Further technical studies will be conducted to support this selection. The Habitat Offsetting Project will identify potential effects during construction (such as increased TSS and noise) and include a construction management plan that will include mitigation measures for those potential effects.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

The net effects of the Habitat Offsetting Project would be beneficial. First Nations and Fisheries and Oceans Canada will be consulted throughout the permitting process and First Nations will have the opportunity to review and comment on the Habitat Offsetting Project prior to finalization. Once the Habitat Offsetting Project is constructed it would be monitored to ensure that it functions as designed. PNW LNG will provide reports to DFO and Aboriginal Groups on the results of monitoring.

4.1.1.2.11 Summary of Mitigation Measures

Section 13 of the EIS/Application reviews the risk of impacts to marine resources and proposes mitigation measures. EIS/Application Table 13-1 summarizes key issues, identifies that Aboriginal Groups raised interests/concerns and indicates how specified Aboriginal group consultation influenced the assessment (e.g., through additional or more detailed studies being conducted) to respond to and accommodate concerns. EIS/Application Section 13.5 describes the effects assessment, including mitigation measures for each potential impact on marine resources. The mitigation measures are summarized in Table 4-1 below (this is a summary only; see the EIS/Application for details).

Table 4-1 Marine Resources - Summary of EIS/Application Mitigation Measures

Aboriginal Interest	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Change in Sediment or Water Quality	<ul style="list-style-type: none"> • minimize dredge volume for marine infrastructure • employ beneficial re-use of marine sediment wherever possible, as approved by authorities • retain a 30 m buffer zone on Lelu Island and implement shoreline erosion control measures to minimize total suspended solids (TSS) input to the marine environment • monitor TSS and turbidity during in-water construction and modify activities or implement additional measures to minimize effects • implement dredging measures (e.g., equipment design, use of silt curtains to minimize escape of sediment, vary disposal points for each trip) and consider modifications to dredge plans to reduce effects • measures to reduce TSS during vessel berthing • preparation and implementation of environmental emergency plans that include measures to prevent and reduce impacts of spills or incidents that could affect sediment and water quality (see Section 4.1.5 for more information)
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Change in Fish Habitat	<ul style="list-style-type: none"> • locate jetty footprint in areas of minimal eelgrass disturbance • protect shoreline areas to minimize construction and operation impacts, in a manner that promotes colonization of marine biota • offset habitat impacts to achieve no net loss of productivity

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Aboriginal Interest	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. 	Direct mortality or injury to fish or marine mammals	<ul style="list-style-type: none"> Implement blasting guidelines and least-risk timing work windows to reduce mortality to fish during important lifecycle stages. relocate Dungeness crabs from construction zones use low impact pile driving techniques
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. 	Change in behaviour of fish or marine mammals	<ul style="list-style-type: none"> require reduced speed of marine vessels in the LAA

In addition to mitigation measures in the EIS/Application, PNW LNG has taken actions in response to issues raised by Working Group members that contribute to accommodating First Nation concerns and further mitigating impacts to Aboriginal rights in marine resources. Actions include providing supplementary information and conducting additional surveys where feasible. These actions are summarized in Table 4-2.

Table 4-2 Additional Proponent Actions and Mitigation Measures

Aboriginal Interest	Issue	Action/Mitigation
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Fish habitat assessment	<ul style="list-style-type: none"> Conducted detailed surveys to quantitatively delineate eelgrass beds and to determine the density of the eelgrass bed in Flora Bank. Other, smaller, eelgrass beds within 500 meters of the Project's proposed footprint have also been delineated and undergone density measurements.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Minimize sediment scour on Flora Bank	<ul style="list-style-type: none"> Deployed additional marine monitoring instrumentation to measure tides, currents, waves and swell off Agnew Bank and in Porpoise Channel, to enhance modelling of any potential scour to Flora Bank from LNG Carriers and their associated tugboats during the berthing process.

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Aboriginal Interest	Issue	Action/Mitigation
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. 	Underwater noise assessment	<ul style="list-style-type: none"> PNW LNG has undertaken acoustic modelling of underwater noise to assess potential effects on marine resources including fish and marine mammals. To further understand the potential effects of underwater noise on fish and marine mammals, and in recognition of the importance of Flora Bank and the Skeena Estuary, the LAA for Marine Resources was increased to include the Project development area, primary and alternate shipping routes and an additional 10 km buffer. The Acoustic Environment LAA was also revised to include a 2 km buffer along the primary and alternate shipping routes.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Invasive marine species	<ul style="list-style-type: none"> Provided information on methods for, and regulation of, discharge of ballast water in Canadian waters that ensures invasive species are not released into Canadian waters and therefore are not expected to impact on marine resources.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. 	Jetty-trestle location	<ul style="list-style-type: none"> Reviewed alternative jetty-trestle configurations off of Lelu Island and sought the PRPA's support for any alternate lands for a jetty-trestle off of Ridley Island including examining the preliminary feasibility of tunneling under Porpoise Channel.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. 	Locations for sediment disposal at sea	<ul style="list-style-type: none"> Habitat assessments and sediment plume modelling at the Brown Passage disposal site.

4.1.1.3 Further Information on Mitigation Measures for Marine Resources

During the EA process PNW LNG provided Technical Memorandums pertaining to Marine Resources in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations. The Technical Memorandums and reports referred to in Section 4.1 mitigation measures for marine resources are listed below:

- Effects of Underwater Noise on Marine Mammals and Fish
- A Follow-up Report on Sediment and Water Quality Associated with Construction of the Terminal Berth Area
- Effects of Dredging and Disposal at Sea
- Contaminants of Concern in Sediment Proposed to be Dredged from the Materials Offloading Facility and Marine Terminal Berth Area
- Sediment Transport into the Project Development Area
- Vessel Collisions with Marine Mammals
- Fish Habitat Offsetting.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.1.1.4 Next Steps – Mitigation Measures

PNW LNG is planning to conduct additional field studies in the marine environment to address concerns raised by First Nations regarding impacts of dredging and disposal at sea. These studies include: a remotely operated vehicle (ROV) survey of the sediment disposal site; further eelgrass assessments, etc.

4.1.1.4.1 Skeena Estuary Conservation Initiative

PNW LNG believes that if impacts to fish habitat cannot be avoided or mitigated, then, as a final option, habitat compensation programs, which are developed in consultation with First Nations, government agencies, and key stakeholders, are a scientifically credible means of offsetting impacts to fish habitat.

PNW LNG has advocated for an additional mitigation in which PNW LNG would provide leadership and financial resources for longer term monitoring and enhancement of fish populations, life cycle stages and related movements through the Skeena Estuary. This conservation initiative would support long-term fish habitat studies, enhancement projects and related mitigations. The conservation initiative would aim to improve the productivity of the Skeena River Estuary. It would also focus on monitoring any impacts to fish habitat and populations and offset those impacts.

4.1.2 Navigation and Marine Resource Use VC – Potential Impacts to Asserted Aboriginal Rights

Asserted Aboriginal Rights in Navigation and Marine Resource Use Potentially Impacted by the Project
(as outlined in Section 3.1.2)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Navigation and Marine Resource Use are summarized here as:

- First Nations ability to navigate traditional waters and access to traditional harvesting areas
- Marine safety exclusion zones
- Cumulative effects of increased marine traffic
- Impacts on fish and fish habitat that could affect food security and food quality
- Avoidance of traditional harvesting locations due to increased marine traffic.

Potential Effects on the Linked VC - Navigation and Marine Resource Use

The EIS/Application identifies two potential effects on Navigation and Marine Resource Use. The process used to identify and select these potential effects for assessment included discussions with First Nations. Key potential effects and associated Project activities that may cause the effect are summarized below. For more detail, see Section 15.5 of the EIS/Application.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Interference with Navigation: The marine jetty trestle and the bridge from Skeena Drive to Lelu Island have the potential to impact navigation, particularly if vessels are unable to pass beneath these structures. In addition, Project-related marine traffic could impact other marine users. This could result in longer travel times, increased fuel costs and possibly increased safety concerns for mariners. Other marine structures that need to be considered for potential impacts include the Pioneer Dock and the MOF.

Effects on Fishing, Recreation and Marine Use: Project marine structures and associated increased marine traffic could lead to loss of access to fishing and recreational areas. The following table illustrates the primary linkages between the potential effect on the Navigation and Marine Resource Use VC, the First Nations concerns and the potential impact on Aboriginal rights.

Potential Effect on Navigation and Marine Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Interference with Navigation Project Activities Responsible for potential effects include: construction and operation of the Pioneer Dock, MOF, Lelu Island bridge and jetty/trestle.	<ul style="list-style-type: none"> • First Nations ability to navigate traditional waters and access to traditional harvesting areas • Marine safety exclusion zones • Cumulative effects of increased marine traffic • Avoidance of traditional harvesting locations due to increased marine traffic 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes.
Effects on Fishing, Recreation and Marine Use Project Activities Responsible for potential effects include: construction and operation of the Pioneer Dock, MOF, Lelu Island bridge and jetty/trestle	<ul style="list-style-type: none"> • First Nations ability to navigate traditional waters and access to traditional harvesting areas • Marine safety exclusion zones • Cumulative effects of increased marine traffic • Avoidance of traditional harvesting locations due to increased marine traffic 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes.

The assessment of these two potential effects on the Navigation and Marine Resource Use VC addresses all First Nation concerns except for the impacts on fish and fish habitat that could affect food security and food quality. Impacts on fish and fish habitat are addressed in Section 4.1.1.

4.1.2.1 PNW LNG's Mitigation Measures and Next Steps

A detailed discussion of proposed mitigation measures is provided in Section 15.5 of the EIS/Application. While the following discussion highlights key mitigation measures for each First Nation concern it is important to note that there is considerable overlap of mitigations and concerns and the full suite of mitigation measures discussed in this section collectively address the risk of impacts to First Nation rights.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.1.2.1.1 First Nations Ability to Navigate Traditional Waters and Access to Traditional Harvesting Areas

The Pioneer Dock, MOF, marine terminal trestle-jetty and Lelu Island bridge all have potential to impact marine navigation. Each of these structures has been located in the initial project design to avoid or minimize impacts on marine navigation. Early consultation with First Nations and others led to design changes in the trestle-jetty and Lelu Island bridge to allow safe passage for vessels up to the size of gill-netters (clearance of approximately 11 m above high water) in response to concerns about impacts to navigation and marine resource use. This action will preserve traditional navigation pathways.

The Technical Memorandum *Clearance Heights of Infrastructure* confirmed that the navigable span of the trestle (near Lelu Island) has been designed to accommodate passage for the vessel types observed over a year of vessel traffic camera records as well as through input from local fishermen that currently use this near-shore route. The location of the navigable span of the trestle was also selected based on input from local fishers and data collected on recreational boat traffic. The Memorandum concludes that the clearance provided under the bridge from Lelu Island to the mainland, and the navigable span of the trestle, was determined to be adequate to provide safe navigation for the majority of mariners that currently use this route.

The Pioneer Dock and MOF are not expected to impact marine navigation and marine resource use. There will be increased marine traffic in Porpoise Channel during construction and operation; however, First Nation fishing and recreational vessels are not expected to be obstructed by the increased project marine traffic.

4.1.2.1.2 Marine Safety Exclusion Zones

PNW LNG will work with the PRPA with respect to establishing safety exclusion zones around any necessary marine infra-structure.

4.1.2.1.3 The Technical Memorandum regarding Marine Safety Zones provides information requested about access for fishing, particularly for salmon, crab and shrimp. Cumulative Effects of Increased Marine Traffic

Cumulative effects on navigation and marine resource use, including descriptions of how mitigation measures and regulatory requirements contribute to reduction of those effects, are discussed in Section 15.6 of the EIS/Application. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to follow-up monitoring, implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in navigation and marine resource use.

4.1.2.1.4 Impacts on fish and fish habitat that could affect food security and food quality

See Section 4.1.1, Marine Resources, for mitigation measures and responses to First Nation concerns.

4.1.2.1.5 Avoidance of traditional harvesting locations due to increased marine traffic

See Section 4.1.3, First Nation Current Use of Lands and Resources for Traditional Purposes, for mitigation measures and responses to First Nation concerns.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.1.2.1.6 Summary of Mitigation Measures

Section 15 of the EIS/Application reviews the risk of impacts to navigation and marine resource use, and proposes mitigation measures. EIS Table 15-1 summarizes key issues, identifies that Aboriginal Groups raised interests/concerns and indicates how specified Aboriginal group consultation influenced the assessment (e.g., through additional or more detailed studies being conducted) to respond to concerns. EIS Section 15.5 describes the effects assessment, including mitigation measures for each potential impact on navigation and marine resource use. The mitigation measures are summarized in Table 4-3 below (this is a summary only; see the EIS/Application for details). Indicators chosen address First Nation concerns identified at the start of this section.

Table 4-3 Navigation and Marine Resource Use - Summary of EIS/Application Mitigation Measures

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes 	Interference with navigation	<ul style="list-style-type: none"> • Project-associated shipping will be conducted in accordance with the <i>Canada Shipping Act</i> and in compliance with the requirements of the Canadian Coast Guard (CCG). • Implement a marine communications plan to ensure marine traffic is aware of project activities • Working with the PRPA, establish safety zones and navigational aids near project facilities • Design project lighting to reduce stray light that may impact navigation • Use of escort vessels and tugs as required by the PRPA to ensure safety of all traffic when LNG vessels are docking
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes 	Effects on fishing, recreation and marine use	<ul style="list-style-type: none"> • As above

In addition to mitigation measures in the EIS/Application, PNW LNG has taken actions to accommodate First Nation concerns and further mitigate impacts to Aboriginal rights in navigation and marine resource use, including providing additional information in response to First Nation requests and conducting additional surveys where feasible. These actions are summarized in Table 4-4.

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Table 4-4 Additional Proponent Actions and Mitigation Measures

Aboriginal Right	Issue	Action/Mitigation
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes 	Information on project marine traffic	<ul style="list-style-type: none"> PNW LNG has provided, and will continue to provide, First Nations with information about shipping and marine navigation.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes 	Safe Navigation Practices	<ul style="list-style-type: none"> PNW LNG is working with the Pacific Pilotage Authority and the BC Coast Pilots to gather their input in generating safe navigation practices for the conduct of LNG shipping between the Terminal and Triple Island. PNW LNG has voluntarily joined with BG Group and is participating in a TERMPOL process to study the effects of increased shipping on marine navigation and safety. PNW LNG invited First Nations to an information gathering session as part of the TERMPOL HAZID workshop. PNW LNG is working with Transport Canada to seek and share feedback on TERMPOL studies of interest to First Nations. PNW will seek input from Aboriginal mariners in any future marine traffic studies.
<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes 	Follow-up and Monitoring	<ul style="list-style-type: none"> Follow-up and monitoring will be conducted through Compliance audits or inspections that will be required for compliance with the requirements of the Canadian Coast Guard, PRPA Operations Regulations and the Canada Shipping Act.

4.1.2.1.7 Further Information on Mitigation Measures for Navigation and Marine Resource Use

During the EA process PNW LNG provided a number of Technical Memorandums pertaining to navigation and marine resource use in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations. These Technical Memorandums are listed below:

- Clearance Heights of Infrastructure
- Marine Traffic and Congestion
- Marine Safety Zones.

4.1.2.2 Next Steps – Mitigation Measures

PNW LNG will work to ensure that information collected during the TERMPOL process about the effects of marine navigation on First Nations’ rights is shared with First Nations. PNW LNG will continue to work with Pacific Pilotage Authority and the BC Coast Pilots to ensure safe and effective navigation of LNG Carriers. PNW LNG will continue to work with the PRPA in continuing to develop policies for LNG navigation.

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PNW LNG continues to welcome information on navigation and marine resource use by First Nations and how increased shipping could affect that navigation and use.

4.1.3 Current Use of Lands and Resources for Traditional Purposes VC – Potential Impacts to Asserted Aboriginal Rights

4.1.3.1 Asserted Aboriginal Rights in Current Use of Lands and Resources for Traditional Purposes Potentially Impacted by the Project (as outlined in Section 3.1.3)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Current Use of Lands and Resources for Traditional Purposes are summarized here as:

- Access to traditional marine harvesting, and quality of marine harvests
- Potential impacts to food security and quality and effects to human health
- Access to trapping and hunting areas (including timing, methods and locations)
- Loss of CMTs as an archaeological resource, teaching tool and territorial feature.

4.1.3.2 Potential Effects on the Linked VC - Current Use of Lands and Resources for Traditional Purposes

The EIS focused on the single key effect on Current Use of Lands and Resources for Traditional Purposes. Consultation with and information provided by the specified Aboriginal groups were instrumental in identifying and assessing aspects of this potential effect. This key potential effect and associated Project activities that may cause the effect are summarized below. For more detail, see Section 21.5 of the EIS/Application.

Current Use of Lands and Resources for Traditional Purposes: Various Project activities may lead to changes in preferred harvested species through interference with use of, or access to, traditional use locations and marine harvesting areas. In addition, Project-related light, acoustic, visual quality or air quality effects may degrade the experience of those who take part in traditional use activities, potentially leading to avoidance of traditionally used areas.

The following table illustrates the primary linkages between the potential effect on the Current Use of Lands and Resources for Traditional Purposes VC, the First Nations concerns and the potential impact on Aboriginal rights.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Potential Effect on Marine Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
<p>Current Use of Lands and Resources for Traditional Purposes</p> <p>Project Activities Responsible for potential effect include construction and operation of all Project components</p>	<ul style="list-style-type: none"> • Access to traditional marine harvesting, and quality of marine harvests • Potential impacts to food security and effects to human health • Access to trapping and hunting areas (including timing, methods and locations) • Loss of CMTs. 	<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

The assessment of the various components of this potential effect on the Current Use of Lands and Resources for Traditional Purposes VC addresses the concerns of the specified Aboriginal groups. The following section identifies measures that will be implemented to respond to First Nation concerns and to avoid, reduce or mitigate the potential for impacts on Aboriginal Interests.

4.1.3.3 PNW LNG’s Mitigation Measures and Next Steps

A detailed discussion of proposed mitigation measures is provided in Section 21.5 of the EIS/Application. While the following discussion highlights key mitigation measures for each First Nation concern it is important to note that there is considerable overlap of mitigations and concerns and the full suite of mitigation measures discussed in this section collectively address the risk of impacts to First Nation interests.

4.1.3.3.1 Access to Traditional Marine Harvesting areas and Quality of Marine Harvests

See Sections 4.1.1, Marine Resources, and 4.1.2 Marine Navigation, for mitigation measures and responses to First Nation concerns. These sections identify measures aimed at addressing the risk of impacts to quality of marine harvests and First Nations ability to access marine harvesting areas. PNW LNG has committed to the mitigation measures in Table 4-5 below that specifically address the potential for impacts to changes to use of lands and resources.

4.1.3.3.2 Potential Impacts to Food Security and Effects to Human Health

See Sections 4.1.1, Marine Resources, and 4.1.6 Socio-Economic and Community Health and Well-Being Impacts to Aboriginal Interests, and 4.1.9 Terrestrial Vegetation and Wildlife and Marine Birds Impacts to Aboriginal Interests, for mitigation measures and responses to First Nation concerns. PNW LNG has committed to the mitigation measures in Table 4-5 below that specifically address the potential for impacts to harvested species.

PNW LNG will implement a Vegetation Management Plan to reduce disturbance, protect existing native plants, reduce invasive seed transfer, and control invasive plants. Measures include clearly marking boundaries ecological communities of concern near the PDA and wetlands outside the PDA, seed and plant salvaging, and worker education about protecting these sites. Environmental management BMPs for soil handling will be included.

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4.1.3.3.3 Loss of CMTs

Section 4.1.4, Archaeological and Heritage Resources, addresses issues regarding the loss of CMTs. It outlines the measures that will be taken to manage these values.

4.1.3.3.4 Summary of Mitigation Measures

Section 21 of the EIS/Application reviews the risk of impacts to Current Use of Lands and Resources for Traditional Purposes, and proposes mitigation measures. EIS/Application Table 21-1 summarizes key issues, identifies that specified Aboriginal groups raised the interests/concerns and indicates how consultation with Aboriginal groups influenced the assessment (e.g., through additional or more detailed studies being conducted) to respond to concerns. EIS/Application Section 21.5 describes the effects assessment, including mitigation measures for each potential impact on Current Use of Lands and Resources for Traditional Purposes. The mitigation measures are summarized in Table 4-5 below (this is a summary only; see the EIS/Application for details).

Section 8 of the EIS/Application assesses effects of the Acoustic Environment and identifies that concerns about noise were raised by specified Aboriginal groups and others during consultation. It notes that noise from project activities has the potential to affect the health and well-being of humans and wildlife and can therefore impact traditional use activities. EIS/Application Section 8.5 describes the effects assessment for the acoustic environment, including the indicator used and mitigation measures proposed. The indicator and mitigations relevant to Current Use of Lands and Resources for Traditional Purposes are also summarized in Table 4-5 below.

Table 4-5 Current Use of Lands and Resources for Traditional Purposes - Summary of EIS/Application Mitigation Measures

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	<p>Changes to current use of lands and resources for traditional purposes by:</p> <ol style="list-style-type: none"> 1. harvested species 2. traditional use locations, routes 3. experience in using lands and resources 	<p>a) Harvested species (Mitigation measures are drawn from EIS Section 10 Vegetation and Wetland Resources, Section 11: Terrestrial Wildlife and Marine Birds, Section 12: Freshwater Aquatic Resources, Section 13: Marine Resources)</p> <ul style="list-style-type: none"> • Changes in abundance of plant species will be reduced by: <ul style="list-style-type: none"> – Implementing a Wetland Habitat Compensation Plan that specifies that traditional use vegetation species will be used for planting wherever possible and practical – Undertaking standard mitigation practices to prevent introduction and spread of noxious weeds and invasive plant species during construction • The Wetland Habitat Compensation Plan will also consist of: <ul style="list-style-type: none"> – Securement, plus restoration or creation, of 120 ha of wetlands through an agreement between PNW LNG and a habitat conservation organization – A five-year effectiveness monitoring program for the restored or created wetlands – Bog restoration benefiting a minimum of 116 ha of coastal bog ecosystems. • Impacts to ecological communities will be reduced by maintaining baseline hydrological conditions, minimizing removal of ecological communities of interest during construction by appropriate signing, restricting the use of herbicides, minimizing contaminant air emissions, and monitoring soils and vegetation for nitrogen

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
		<p>exceedances.</p> <ul style="list-style-type: none"> • Wetland function on Lelu Island outside the PDA will be protected from construction damage and drainage and erosion control techniques will be used to maintain pre-disturbance drainage pathways through wetlands bordering the PDA. • Reducing change to wildlife habitat availability, and reducing mortality to wildlife and marine birds by: <ul style="list-style-type: none"> – Limiting habitat disturbance to within PDA boundaries; – Establishing a 30 m buffer zone around Lelu Island – Funding wetland habitat compensation actions restoration and compensatory activities to recover the net loss of marine fish habitat used for foraging by marine birds – Measures to reduce noise disturbance to adjacent terrestrial and marine habitats – Implementing a Blasting Management Plan that minimizes habitat disturbances and wildlife or bird impacts – Following guidelines for restricted activity periods (e.g., breeding periods) to protect wildlife and marine birds; where clearing is required during these periods, conduct bird surveys in advance and set buffers around active nests. – Erecting permanent fencing around the site – Establish a Project Management Plan that ensures that waste temporarily stored onsite is stored in wildlife-proof containers – Follow LEED objectives in facility lighting to mitigate light-induced mortality – Wetland habitat compensation will include restoration and compensatory activities to recover the loss of wetland habitat function to terrestrial mammals, amphibians, and birds. • Reduce impacts to freshwater fish habitat, and to changes in food and nutrient content of waters by: <ul style="list-style-type: none"> – Avoiding the lower sections and avoiding infilling of the two fish streams on Lelu Island where practical, – Establishing a 30 m buffer zone around Lelu Island – Implement a sediment and erosion control plan – Implement a fish habitat offsetting strategy to achieve no net loss of productive capacity of fish habitat • Minimize freshwater fish mortality by implementing a fish salvage program prior to infilling of watercourses and releasing captured fish downstream or in nearby similar habitat • See mitigation measures for Marine Resources <p>b) Traditional use locations and routes (Mitigation measures are drawn from EIS Section 15 Navigation and Marine Use)</p> <ul style="list-style-type: none"> • See mitigation measures for Marine Navigation and Resource Use <p>c) Experience in using lands and resources (Mitigation measures are drawn from EIS Section 6 Air Quality; Section 8 Acoustic Environment; Section 9 Ambient Light; Section 17 Visual Quality, and Section 19 Human and Ecological Health)</p> <ul style="list-style-type: none"> • Establish a 30 m buffer zone around Lelu Island to reduce transmission and effects of sound and light and to maintain a more natural visual quality • Use shielded light fixtures during construction and operations to

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
		<p>reduce “spill-over” light and turn off lights when not required</p> <ul style="list-style-type: none"> • Implement BC OGC Noise Guideline recommendations, such as: limit night time construction to low noise activities; use mufflers and silencers on equipment as much as possible; • Use vibro-hammer piling equipment where conditions permit • Locate large machinery used in operations within enclosures with minimum acoustic sound transmission loss rating • Close building doors and windows during operations to reduce noise transmission • Minimize height of project components where possible to allow maximum facility visual screening by the 30 m vegetation buffer • Relocate the flare stack to the south side of the project site

4.1.3.3.5 Cumulative Effects on Current Use of Lands and Resources for Traditional Purposes

Cumulative effects on current use of lands and resources for traditional purposes, including descriptions of how mitigation measures and regulatory requirements contribute to reduction of those effects, are discussed in Section 21.6 of the EIS/Application. PNW LNG has provided written responses to those specified Aboriginal groups who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to the specified Aboriginal group aboriginal rights in current use of lands and resources for traditional purposes.

4.1.3.4 Next Steps – Mitigation Measures

In addition to the specific mitigation measures noted above, PNW LNG continues to negotiate Impact Benefit Agreements (IBAs) with Metlakatla, Lax Kw’alaams, Gitxaala, Kitsumkalum and Kitselas whose current use of the LAA for traditional purposes may be adversely affected by the Project.

Current proposals to these five Tsimshian First Nations contain commitments to training, employment and procurement opportunities for First Nations in the construction and operations phases of the Project. PNW LNG has solicited information from five Tsimshian First Nations regarding First Nations businesses that might be able to provide goods and services to the Project .

4.1.4 Archaeological and Heritage Resources VC – Potential Impacts to Asserted Aboriginal Rights

4.1.4.1 Asserted Aboriginal Rights in Archaeological and Heritage Resources Potentially Impacted by the Project (as outlined in Section 3.1.4)

Collectively, Aboriginal groups have raised the concerns described below for their potential direct and indirect impacts Aboriginal groups’ ability to prove Aboriginal rights and title.

PNW LNG has identified the above potentially impacted Aboriginal Rights as outlined in Section 3.1. Mitigation measures contribute directly to responding to these concerns and therefore address the risk of impacts on

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Aboriginal rights identified above. First Nation concerns regarding Archaeological and Heritage Resources are summarized here as:

- Impact to archaeological materials on Lelu Island and nearby areas, primarily CMTs
- Ensuring strategies are developed that will be followed to minimize the impact to archaeological values or where impacts are unavoidable, to mitigate their loss
- Loss of archaeological materials is an impact that cannot be offset solely by gathering information about the values (such as CMTs)
- Questions about methodology employed for archaeological inventories.

4.1.4.2 Potential Effects on the Linked VC - Archaeological and Heritage Resources

The EIS identifies two potential effects on Archaeological and Heritage Resources. The process used to identify and select these potential effects for assessment included discussions with specified Aboriginal groups. Key potential effects and associated Project activities that may cause the effect are summarized below. For more detail, see Section 20.5 of the EIS/Application.

Destruction or Disturbance of Culturally Modified Trees (CMTs): Clearing of vegetation from the PDA prior to grading and construction will result in the falling of CMTs within the Project footprint. In some cases, CMTs may be preserved in no-disturbance areas (e.g., the 30 metre no-disturbance buffer circumnavigating Lelu Island Some standing CMTs could be removed but not destroyed, resulting only in loss of context.). For example, a canoe blank may be removed from its original context but not be destroyed.

Destruction or Disturbance of Other (non-CMT) Un-Inventoried Archaeological or Heritage Sites: While other archaeological sites have not been identified by inventories to date, it is possible such sites are present and could be impacted by Project activities. Sites or the artifacts comprising sites (including underground artifacts) could be destroyed or damaged by construction activities.

The following table illustrates the primary linkages between the potential effect on the Archaeological and Heritage Resources VC, the First Nations concerns and the potential impact on Aboriginal rights.

Potential Effect on Archaeological and Heritage Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Destruction or Disturbance of CMTs Project Activities Responsible for potential effects include:	<ul style="list-style-type: none"> • impact to archaeological materials on Lelu Island and nearby areas, primarily CMTs • ensuring strategies are developed that will be followed to minimize the impact to archaeological values or where impacts are unavoidable, to mitigate their loss; 	<ul style="list-style-type: none"> • potential direct and indirect impacts Aboriginal Groups' ability to prove Aboriginal rights and title
Destruction or Disturbance of Other Archaeological or Heritage Sites Project Activities Responsible for potential effects include:	<ul style="list-style-type: none"> • impact to archaeological materials on Lelu Island and nearby areas, primarily CMTs; • ensuring strategies are developed that will be followed to minimize the impact to archaeological values or where impacts are unavoidable, to mitigate their loss; 	<ul style="list-style-type: none"> • potential direct and indirect impacts Aboriginal Groups' ability to prove Aboriginal rights and title

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The assessment of the various components of this potential effect on the Archaeological and Heritage Resources VC addresses the key First Nation concerns, however does not fully respond to concerns that the loss of archaeological materials cannot be offset by gathering information about them, or to questions about the methodology used for inventories. These issues are discussed below.

4.1.4.3 PNW LNG's Mitigation Measures and Next Steps

4.1.4.3.1 Impacts to Archaeological Materials

PNW LNG's overall project design included establishing a 30 m buffer zone around the perimeter of Lelu Island to reduce visual, light and noise impacts. This also resulted in many culturally modified trees being conserved. As field studies did not identify any other archaeological sites within the LAA additional design modifications were not needed. However, it is possible that such sites are present and could be affected by project activities.

In general, construction work in the vicinity of a new (non-CMT) archaeological find will cease until an archaeological monitor has assessed and undertaken the appropriate course of action to protect or mitigate project effects on the archaeological find.

PNW LNG's geotechnical investigation required the felling of several CMTs for safety reasons on Lelu Island. The felled CMTs were handled according to the protocol developed with Metlakatla to inventory information about the feature (see below). During geotechnical investigations, borehole sites and helicopter access sites on Lelu Island were relocated to avoid disturbing CMTs as much as practical.

Because a small portion of the project infrastructure will be on private land, including bridge footings on the BC mainland, they fall under provincial authority. The *Heritage Conservation Act* and standards, policies, and guidelines established by the Archaeology Branch were followed to conduct the archaeological assessment on the portion of project infrastructure that is on private land. Studies were conducted in consideration of heritage interests and concerns expressed by First Nations. For example, archaeological inventories were conducted on Lelu and the private lot used for bridge access and First Nations were invited to participate in these studies.

First Nations identified a concern that increased waves and wakes from vessels may damage near shore archaeological sites. PNW LNG has pointed out that wake erosion of the intertidal areas around Lelu Island is not expected because Project vessels will be travelling at speeds less than 5 knots within the PRPA boundaries.

4.1.4.3.2 Measures to Preserve Archaeological Values

PNW LNG mapped in excess of 500 CMTs on Lelu Island. PNW LNG provided this map to Lax Kw'alaams and Metlakatla. PNW LNG invited Lax Kw'alaams and Metlakatla to monitor archaeological and geotechnical investigations on Lelu Island. Metlakatla provided monitors for this investigation. Lax Kw'alaams provided monitors for portions of the investigation. In cooperation with Metlakatla and their consulting archaeologists, PNW LNG and their consultants developed a Chance Find Protocol and a Culturally Modified Tree Handling protocol.

In the EIS/Application PNW LNG indicated that, in the unlikely event that a currently unknown site is identified during any project stage, archaeological monitoring and/or SDR studies will be completed. Further, a chance-find protocol will also be adopted to increase the chances that, however unlikely, any archaeological and heritage materials not identified during the inventory or AIA will be properly recorded and mitigated.

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The Archaeological and Heritage Resources Management Plan will describe BMPs and mitigation measures to manage inventoried archaeological materials during project construction and operations. An archaeological monitor will be present during the removal of archaeologically significant CMTs and will collect stem round samples for dating to determine the antiquity of modification and inform records of cultural activity. The archaeological monitor will also determine directives on the transport and curation of removed CMTs and samples.

4.1.4.3.3 Loss of Archaeological Materials

The Heritage Management Plan will offer First Nations the opportunity to obtain the data collected on CMTs or any other archaeological or heritage materials that may be encountered. Further accommodations can be negotiated as part of the Impact Benefit Agreement discussions.

4.1.4.3.4 Methodology for Archaeological Inventories

The Technical Memorandum regarding *Incorporating Indigenous Perspectives into the Assessment* responds to specified Aboriginal group questions and concerns about methodologies for incorporating Aboriginal group perspectives more fully. It notes that Heritage Resources section of the EIS/Application assesses the physical evidence and does not address the indigenous perspective. The indigenous perspective is addressed in Section 21 (Current Use of Lands and Resources for Traditional Purposes) and Section 27.2.4 (Effects on Aboriginal Sacred Places and Related Spiritual Traditions) of the EIS/Application. As Traditional Use Studies are finalized by Tsimshian communities, the information provided will be considered and incorporated appropriately into the environmental assessment and further Project refinement.

4.1.4.3.5 Summary of Mitigation Measures

Section 20 of the EIS/Application reviews the risk of impacts to archaeological and heritage resources, and proposes mitigation measures. This section highlights the concerns raised by First Nations and confirms that impact to CMTs is a key issue to be addressed. EIS/Application Section 20.5 describes the effects assessment, including mitigation measures for CMTs and for other archaeological and heritage sites. The mitigation measures are summarized in Table 4-6 below (this is a summary only; see the EIS/Application for details).

Table 4-6 Archaeological and Heritage Resources - Summary of EIS/Application Mitigation Measures

Aboriginal Rights	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> Potential direct and indirect impacts Aboriginal Groups' ability to prove Aboriginal rights and title 	Destruction or Disturbance of Culturally Modified Trees	<ul style="list-style-type: none"> Systematic Data Recovery (SDR) studies for CMT sites will be conducted by systematically recording a representative sample of CMT features, consisting of: <ul style="list-style-type: none"> Detailed recording as outlined in the CMT Handbook (Archaeology Branch 2001) Stem round collection Monitoring of CMT removal by a crew comprised of a professional archaeologist and a local First Nations representative Direct dating by stem-round sampling Production of a comprehensive report. A chance find protocol procedure for CMTs will be used during project construction in the event that unrecorded CMTs are encountered.

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Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Aboriginal Rights	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> Potential direct and indirect impacts Aboriginal Groups' ability to prove Aboriginal rights and title 	Impacts to Other Archaeological and Heritage Sites	If an un-inventoried (non-CMT) archaeological or heritage site is discovered: <ul style="list-style-type: none"> Work affecting the new un-inventoried (non-CMT) archaeological or heritage sites will cease until the site can be properly assessed by a professional archaeologist (note: this does not apply to CMTs, because they have an established protocol) SDR studies will be conducted on the new un-inventoried (non-CMT) archaeological or heritage sites, consisting of: <ul style="list-style-type: none"> Scientific excavation and/or surface collection studies Collection and analysis of artifacts, faunal remains, botanical remains, and other archaeological remains Collection and processing of carbon samples for dating Completion of other appropriate specialized analytical processes (e.g., geochemical analysis of stone tools, blood residue analysis) Analysis and interpretation of all recovered data Cataloguing of all collected artifacts and their subsequent curation in an approved facility Production of a comprehensive report Archaeological or heritage materials of low significance may also be mitigated through a program of archaeological monitoring carried out during construction A chance find protocol for CMTs will be implemented during construction

4.1.4.3.6 Cumulative Effects on Archaeological and Heritage Resources

Cumulative effects on archaeological and heritage resources are discussed in Section 13.6 of the EIS/Application. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to follow-up monitoring, implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in archaeological and heritage resources.

4.1.4.4 Next Steps – Mitigation Measures

PNW LNG will continue to provide specified Aboriginal groups with any additional archaeological information and any management plans or strategies as they become available. In accordance with the Culturally Modified Tree Handling protocol, PNW LNG will work with specified Aboriginal groups in ensuring the archaeological values of fallen Culturally Modified Trees are preserved after site clearing begins.

4.1.5 Project Safety, Accidents and Malfunctions Concerns – Potential Impacts to Aboriginal Groups Activities and Asserted Aboriginal Rights

4.1.5.1 Asserted Aboriginal Rights Potentially Impacted by the Project Safety, Accident and Malfunction Issues (as outlined in Section 3.1.5)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.

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- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Project Safety, Accidents and Malfunctions are summarized here as:

- Shipping collisions/accidents
- Loss of LNG containment on ships
- Effects of natural disasters (particularly on pipelines) and severe weather events during construction and operations; hydrocarbon spills
- Hydrocarbon spills
- Hazardous materials
- Emergency flaring impacting migratory birds and aviation
- Emergency response plans for construction and operations.

4.1.5.2 Potential Effects Resulting from the Linked EIS Factors – Accidents or Malfunctions, and Effects of the Environment on the Project

The EIS/Application identifies a variety of accident and malfunction scenarios and assesses the risk of impacts arising from those incidents. Scenarios are discussed in Section 22.1 of the EIS/Application, and include worst case scenarios for emergency flaring, explosion or fire, hazardous materials and LNG spills, and marine vessel incidents (collisions and allusions). These scenarios affect a range of Project facilities and phases.

Similarly the EIS/Application identifies factors for environmental events (storms, earthquakes, dense fog, etc.) and assesses the risks associated with those events. Details are in Section 23.5 of the EIS/Application. These events affect a range of Project facilities and phases.

Accidents or malfunctions, or the effects of the environment on the Project, could impact First Nation rights either directly or indirectly (by impacting a VC in a manner that creates an impact on First Nation interests). Impacts to Aboriginal rights linked to impacts to VCs are addressed in other VC sections of this report.

The potential for direct impacts to First Nations rights are primarily addressed by design, engineering management that prevents incidents and by emergency response plans and actions if an incident occurs. The First Nation right potentially impacted would vary according to the nature of the incident.

4.1.5.3 PNW LNG's Mitigation Measures and Next Steps

4.1.5.3.1 Shipping Collisions/Accidents, including Loss of Containment

To better understand shipping conditions, PNWLNG is conducting additional metocean studies to provide additional data on winds, tides, swells, currents, etc. This new data is informing robust models to better understand the metocean conditions LNG Carriers will encounter. To limit the potential for marine collisions, LNG Carriers will proceed into the Port of Prince Rupert and to the PNW LNG terminal at nominal speeds (< 4 knots), supported by at least 3 tugs (or as required by the Port's regulations). The LNG Carriers will also be guided into the Port of Prince Rupert by experienced BC Coast pilots. The pilots will determine if it is safe to pilot

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the ships into and out of Port. The Terminal will operate according to limits on wind and waves and docking will not be permitted when those limits are exceeded. In addition, marine collision and grounding risks are also being assessed as part of the TERMPOL exercise.

The Technical Memorandum regarding *LNG Carrier Explosion* responds to concerns about a lack of information regarding the causes of an LNG explosion on an LNG carrier, and the mitigation in place to avoid this scenario. This Memorandum notes that to help avoid collisions that could damage LNG carriers, the vessels will:

- Be equipped with International Maritime Organization and mandated collision-prevention devices (e.g., lights, sound- signaling devices, automatic identification system).
- Carry navigational safety aids (state of the art electronic charts, steering and radar systems, with all critical systems backed-up by fully redundant and independent emergency modes and systems).
- Be crewed by licensed officers and crews who meet the stringent training and certification requirements of the LNG shipping industry.
- Be guided by BC Coast Pilots and the Coast Guard Marine Communications and Traffic System.
- Be assisted by at least three tugs while maneuvering near the marine terminal.

The Technical Memorandum *Cumulative Effects Assessment and Significance Determination for Effects of Accidents or Malfunctions* evaluates accident and malfunction scenarios, including a marine vessel collision with the LNG terminal or grounding, collision with another vessel, or collision with a marine mammal. This provides further information on the potential for adverse effects on various valued components (from the EIS/Application). Mitigation measures for these potential adverse effects are contained in other documents.

4.1.5.3.2 Loss of LNG Containment on Ships

The Technical Memorandum regarding *LNG Carrier Explosion* also addresses loss of containment. It notes that to prevent a leak in the event of a collision, LNG carriers will:

- Meet hull construction standards for strength and stability.
- Meet PNW LNG terminal compatibility and vessel certification review standards, as well as owner/charterer, classification society and peer industry inspections for vessels carrying LNG.
- Conform to the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk.
- Have type-specific LNG containment systems based upon either double-layered membrane tanks or independent self-supporting Moss tanks.
- Use double-bottom and double-sided hulls.
- Have specified dimensions and types of construction materials to maximize resiliency of cargo containment systems.
- To help prevent or contain a fire or explosion, vessels will have fire detection and extinguishing system requirements.

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In addition, the Technical Memorandum *Marine LNG Spill* provides additional information on what occurs in the event of a LNG spill. Mitigation measures focus on prevention of a loss of containment by ensuring that LNG carriers will:

- Meet hull construction standards for strength and stability.
- Meet PNW LNG terminal compatibility and vessel certification review standards, as well as owner/charterer, classification society and peer industry inspections for vessels carrying LNG.
- Conform to the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk.
- Have type-specific LNG containment systems based upon either double-layered membrane tanks or independent self-supporting Moss tanks.
- Use double-bottom and double-sided hulls.
- Have specified dimensions and types of construction materials to maximize resiliency of cargo containment systems.

4.1.5.3.3 Accidents/Malfunctions

PNW LNG has conducted Quantified Risk Assessments throughout the facility design process. These assessments will continue through final design and improve as better engineering design information becomes available. Credible, project-based scenarios relating to potential accident or malfunction incidents have been developed using professional judgment from previous experience with similar projects and the Quantitative Risk Assessments completed for this project. Both the PRPA and the BC Oil and Gas Commission will require those assessments and will require emergency response planning.

Section 22 of the EIS/Application assesses potential effects of any project-related accident (unexpected occurrence or unintended action) or malfunction (failure of a piece of equipment, a device, or a system to function normally), which may be associated with an adverse environmental or human health effect. It identifies the legislative and regulatory requirements applicable to accidents and malfunctions; these requirements, which will be met during the post-EA permitting stages of project development, contain extensive measures that address the project safety issues identified by First Nations.

In addition, PNW LNG will implement various PETRONAS technical standards (PTSs), which address management and response procedures for preventing and mitigating accidents and malfunctions with the potential to result in adverse effects. These technical standards include: emergency drill and exercise planning; environmental incident prevention and control implementation guide; environmental, social and health impact assessment; and group contingency planning standard. Such procedures follow PNW LNG and PETRONAS corporate guiding principle of managing emergencies, which is to protect and save people, environment, long-term operability of assets, and reputation, in that order.

The EIS/Application identifies a number of worst-case scenarios for accidents and malfunctions. Each scenario outlines project design measures that reduce the risk of an accident or malfunction and describes the potential for impacts on valued components, including those valued components that are First Nations interests.

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The Technical Memorandum *Cumulative Effects Assessment and Significance Determination for Effects of Accidents or Malfunctions* evaluates five accident and malfunction scenarios. This provides further information on the potential for adverse effects on various valued components (from the EIS/Application). Mitigation measures for these potential adverse effects are contained in other documents.

4.1.5.3.4 Effects of Natural Disasters

Section 23 of the EIS/Application assesses the risk that natural events, such as an earthquake, tsunami or severe weather events, pose to project construction and operation. It notes that the primary mitigation tools to prevent or reduce the severity of adverse environmental effects of the environment on the Project are sound engineering design and planning so that the facility systems can withstand routine and extreme physical environmental conditions. The legislative and regulatory requirements to be met during the permitting stage ensure extensive measures to prevent or reduce the risk of impacts are incorporated into project design and implemented during construction and operations.

4.1.5.3.5 Hydrocarbon Spills and Hazardous Materials

To reduce the risk of hydrocarbon spills, PNW LNG has removed a propane handling berth and a bunkering facility at the marine terminal from the project design.

The Technical Memorandum *Cumulative Effects Assessment and Significance Determination for Effects of Accidents or Malfunctions* evaluates accident and malfunction scenarios, including a fuel or hazardous material spill.

This provides further information on the potential for adverse effects on various valued components (from the EIS/Application). Mitigation measures for these potential adverse effects are contained in other documents.

4.1.5.3.6 Emergency Flaring Impacting Migratory Birds and Aviation

Flaring occurs only in emergency situations and would normally last less than an hour. Birds can be attracted to light from a flaring incident and suffer direct mortality or injury or mortality due to exhaustion from circling the light. Effects can be amplified during precipitation or fog when light effects are magnified. Risks would be highest during migrations. The 30 metre buffer zone on Lelu Island will assist in reducing light dispersal that may attract birds. A flare tower will be subject to Transport Canada requirements for aviation lighting and clearance.

4.1.5.3.7 Emergency Response Plans

Preparation and implementation of an environmental emergency plan (ERP) is required under federal law (*Canadian Environmental Protection Act*). The BC Oil and Gas Commission also requires oil and gas operators to have a current ERP to “ensure a quick, effective and appropriate response to emergencies in order to protect the public, company, and contract personnel from fatalities and irreversible health effects and the environment from damage.”

PNW LNG will develop an ERP specific to the location and character of this Project that meets all regulatory requirements. As part of the emergency response planning, PNW LNG will develop and implement a standalone pre-incident plan, which is a pre-emptive document containing succinct information on response strategies, associated resources, and potential escalation hazards for credible, project-specific incident scenarios.

The pre-incident plan is intended to be used by emergency responders to rapidly establish control and successfully deal with an incident. The ERP will detail BMPs and measures for dealing with several types of incidents that could

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occur during construction and operation of the Project. Preventative and incident response measures will address concerns raised by First Nations.

The project design and mitigation measures described will be implemented in order to reduce the risk of these unlikely accidents and malfunctions from ever occurring. If an emergency does occur, PNW LNG would rapidly activate emergency response procedures with the objective of protecting and saving people, the environment, and the long-term operability of assets and reputation, in that order.

4.1.5.3.8 Summary of Mitigation Measures

The potential for impacts of extreme natural events on valued components, including those valued components that are First Nations interests, are described in Section 23 of the EIS/Application – Effects of the Environment on the Project. Section 23.5 of the EIS/Application describes the effects assessment, including mitigation measures to eliminate or reduce the effects of severe natural events on the project (which could result on impacts to valued components, including those valued components that are First Nation interests). These mitigation measures are summarized in Table 4-7 below (this is a summary only; see the EIS/Application for details).

Table 4-7 Effects of the Environment on the Project - Summary of EIS/Application Mitigation Measures

Issue	Mitigation
Severe Precipitation	<ul style="list-style-type: none"> Environmental management plans will include provisions for site drainage, sedimentation and erosion control to prevent impacts to marine resources, fish and wildlife habitat, etc. Stormwater runoff from plant areas that may be subject to contamination will be collected separately, treated and disposed of appropriately.
Fog and Visibility (potential for collisions)	<ul style="list-style-type: none"> LNG carriers are piloted into and out of Port by the Pacific Pilotage Authority's Coast Pilots and will comply with all relevant navigation regulations.
Wind, Tides, Storm	<ul style="list-style-type: none"> LNG carriers will undertake transit, maneuvering and berthing activities only within the environmental limits established specifically for the Project. The Project will be designed to meet the extreme weather criteria identified in the National Building Code of Canada (NBCC 2010). If site conditions are more severe and require higher standards than NBCC, PNW LNG will design to more stringent requirements. Project specific environmental limits will apply to LNG carrier activities (see Table 23-1 in EIS/Application). The LNG vessel berths will be designed to at a height to accommodate high water levels, the 100-year-return-period storm surge and the upper 1st percentile mean wave height.
Seismic Activity and Tsunamis	<ul style="list-style-type: none"> Project components, including any pipelines in the PDA, will be designed to applicable standards and incorporate earthquake modelling and engineering. Additional seismic hazard analyses for marine components of the Project are underway and will inform design and construction of these structures.

4.1.5.3.9 Further Information on Mitigation Measures for Project Safety, Accidents and Malfunctions Concerns Impacting First Nation Activities

During the EA process PNW LNG provided a number of Technical Memorandums pertaining to Project Safety, Accidents and Malfunctions in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations. The Technical

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Memorandums referred to in Section 4.1 mitigation measures for Project Safety, Accidents and Malfunctions are listed below:

- LNG Carrier Explosion
- Marine LNG Spill
- Cumulative Effects Assessment and Significance Determination for Effects of Accidents or Malfunctions.

4.1.5.3.10 Cumulative Effects

Cumulative effects relating to project safety issues are addressed in Section 22.9 (Accidents and Malfunctions) of the EIS/Application. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in project safety issues.

4.1.5.4 Next Steps – Mitigation Measures

PNW LNG will complete Quantified Risk Assessments and will consult with specified Aboriginal groups to develop emergency response plans for review by BC EAO, CEAA, the PRPA and the Oil and Gas Commission. PNW LNG will also complete metocean studies and share those with specified Aboriginal groups when they are available.

4.1.6 Socio-Economic and Community Health and Well-Being VCs - Potential Impacts to Asserted Aboriginal Rights

4.1.6.1 Asserted Aboriginal Rights in Socio-Economic Issues and Community Health and Well-Being Impacted by the Project (as outlined in Section 3.1.6)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Socio-Economic Issues and Community Health and Well-Being are summarized here as:

- Project effects on traditional culture and practices
- Impacts to local traffic, economies, infrastructure
- Access to social services
- First Nation ability to participate in project construction and operations employment and procurement opportunities.

4.1.6.2 Potential Effects on the Linked VCs – Socio-Economic Environment and Community Health and Well-Being

The EIS/Application identifies three potential effects on the Economic Environment. The process used to identify and select these potential effects for assessment included discussions with First Nations. Key potential effects and associated Project activities that may cause the effect are summarized below. For more detail, see Section 14.5 of the EIS/Application.

Change in regional labour supply and demand: Many of the effects will be beneficial in creating jobs and increasing demand for workers locally, particularly when coupled with provision of appropriate training to prepare new workers for these jobs. A large number of job openings will be created during both construction and operation phases of the project.

Change in cost of living and economic activity: While positive impacts will be experienced by those employed by the Project, there is potential for an increased cost of living to adversely impact those who do not experience the positive benefits. The risk of these impacts occurring would begin with the onset of construction and continue into the operations phase of the Project; however it is extremely difficult to differentiate project related effects from other project effects and a range of economic factors.

Change in municipal government finances: Demand for municipal services will increase with the increased local residents (new workers and their families) associated with the Project, both during construction and operations. The resultant impact of increased municipal costs will be partially offset by municipal taxes (or payments in lieu of taxes) paid by the Project to local governments.

In addition, Section 18 of the EIS/Application assesses impacts on Community Health and Well-Being. Project effects could be due to changes in social determinants of health (such as employment and income, housing, and health infrastructure and services) or to changes in diet and nutrition (including First Nation consumption of country foods).

Issues relating to changes in regional labour supply/demand, changes in cost of living and economic activity, and changes in municipal government finances may have indirect impacts on the asserted Aboriginal rights identified above. Similarly, issues related to changes in social determinants of health may have indirect impacts on the asserted Aboriginal rights. These indirect effects occur primarily through impacting a VC in a manner that creates a more direct impact on First Nation activities and rights. Impacts to Aboriginal rights linked to impacts to VCs are addressed in other VC sections of this report, including Current Use of Lands and Resources for Traditional Purposes.

4.1.6.3 PNW LNG's Mitigation Measures and Next Steps

Impacts on conducting traditional activities are covered in other sections. This section addresses socio-economic effects of impacts to changes in conducting traditional activities.

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4.1.6.4 Project Effects on Traditional Culture and Practices

See Section 4.1.3, First Nation Current Use of Lands and Resources for Traditional Purposes, for mitigation measures and responses to First Nation concerns. Also see Section 4.1.1, Marine Resources, for mitigation measures and responses addressing impacts on fish and fish habitat that could affect food security and food quality.

4.1.6.5 Impacts to Local Traffic, Economies, Infrastructure

Project effects will largely be beneficial to the local economy. To better assess socio-economic impacts for First Nations and in response to requests that data regarding socio-economic impacts on First Nation and non-Aboriginal populations be disaggregated, PNW LNG was able to prepare separate baselines for First Nations persons living on reserves, First Nations persons living off reserves, and the non-Aboriginal population for many communities from census data from 2001 and 2006 when assessing the potential impact of the Project on the Aboriginal population. PNW LNG will disaggregate information on Aboriginal communities where possible in any future analyses.

PNW LNG is aware of the important differences between Aboriginal and non-Aboriginal populations. Given the lack of published data for some communities in the RAA, PNW LNG has committed to conducting additional baseline data collection and to undertaking a more comprehensive assessment that will be used to inform strategic social management plans and that may also inform Impact Benefit Agreements.

PNW LNG understands a Project of this size could also create adverse socio-economic effects, such as labour shortages, wage inflation and increased cost of living for First Nations and the local population. Increased demands on municipal infrastructure, including traffic systems, may stress existing services and increase costs for municipal governments. These are addressed in the EIS/Application in Sections 15 Economic Environment and 16 Infrastructure and Services. Mitigation measures to address these potential adverse effects are identified in Table 4-8 below.

More specifically regarding traffic concerns, PNW LNG has committed to implementing a Traffic Management Plan that will:

- Outline preferred ground transportation corridors.
- Provide policies for the movement of dangerous goods, heavy, oversized and regular loads; convoys will be prohibited.
- Outline policies and procedures for the use of the Prince Rupert Airport and the Northwest Regional Airport Terrace-Kitimat for project-related activities.
- Provide policies for the movement of workers to and from construction sites and airports; where possible workers will be transported by bus or crew-cab truck.
- Require PNW LNG to engage in frequent communication between MOTI, RCMP, PRPA and the council members of Port Edward and Prince Rupert to address potential concerns and changes in demand of infrastructure and services.

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The Technical Memorandum *Additional Baseline Information on Traffic and Collisions* supplements the EIS/Application with additional information on traffic volumes, particularly on Highway 16 and Skeena Drive (Highway 599R) and on traffic collisions.

4.1.6.5.1 Access to Social Services

PNW LNG is committed to working with First Nations and local communities to plan for the influx of workers and the resultant potential for stress on access to social services. Some key mitigations include creation of strategies and plans to be implemented for both construction and operation phases of the project, including:

- A First Nations and Community Training and Employment Strategy
- A Community Crime Prevention Initiative
- A Project Community Engagement Plan
- An Emergency Response Plan
- Strategies to deliver certain employee services as a means of reducing demand on municipal services
- Waste management program to reduce demand on municipal facilities.

Additional information on these measures is listed in Table 4-8 below.

The Technical Memorandum *Housing Availability and Affordability* provides additional information in response to concerns about project effects on housing.

Northern Health posed a number of comments and questions during the EA process and a Technical Memorandum *Responses to Northern Health's Substantive Comments* on the topic of Community Health and Well-Being provides considerable information in response. *On-Site Medical and Infrastructure Services* is another Technical Memorandum that identifies services to be provided for employees, both during construction and operations, at the Project site, resulting in decreased demand on municipal services. The Memorandum on *Mental Health and Services* also supplements the EIS/Application information on community health and well-being.

Questions have been raised about lessons learned from other large Projects and their demand on health care services. The Technical Memorandum *Case Studies: Effects of Worker Camp Populations on Local Health Care* reviews other projects, including the Gladstone LNG project in Australia and the Rio Tinto modernization project in Kitimat.

4.1.6.5.2 First Nation Ability to Participate in Project Construction and Operations Employment and Procurement Opportunities

PNW LNG continues to negotiate Impact Benefit Agreements with five Tsimshian Nations. Current proposals to First Nations contain commitments to training, employment and procurement opportunities for First Nations in the construction and operations phases of the Project. PNW LNG has solicited information from First Nations regarding First Nations businesses that might be able to provide goods and services to the Project. PNW LNG continues to welcome such information.

PNW LNG has facilitated meetings between First Nations businesses and the FEED contractors to explore opportunities for First Nations' economic participation. PNW LNG will continue to facilitate such meetings and will continue to inform its FEED contractors of the need to explore economic opportunities with First Nations.

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4.1.6.5.3 Summary of Mitigation Measures

Section 14 of the EIS/Application assesses economic effects of the project and identifies issues raised during consultations. EIS/Application Section 14.5 describes the effects assessment, including indicators used and mitigation measures proposed; these are summarized in Table 4-8 below.

Section 16 of the EIS/Application assesses effects of the Project on Infrastructure and Services in the RAA and identifies issues raised during consultation with service providers, community planners and town officials; First Nation have identified similar concerns. EIS/Application Section 16.5 describes the effects assessment, including indicators used and mitigation measures proposed; these are also summarized in Table 4-8 below.

Section 18 of the EIS/Application assesses effects of the Project on Community Health and Well-Being and identifies issues raised during consultation with service providers, community planners and town officials; First Nation have identified similar concerns relating to change in diet and nutrition, via effects on country foods. EIS/Application Section 18.5 describes the effects assessment, including indicators used and mitigation measures proposed; the indicator and mitigations for changes in diet and nutrition are also summarized in Table 4-8 below.

Section 8 of the EIS/Application assesses effects of the Acoustic Environment and identifies that concerns about noise were raised by First Nations and others during consultation. It notes that noise from project activities has the potential to affect the health and well-being of humans and wildlife; as a result, mitigation measures for noise abatement can also be found in other Sections. EIS/Application Section 8.5 describes the effects assessment for the acoustic environment, including the indicator used and mitigation measures proposed. The indicator and mitigations relevant to community health and well-being are also summarized in Table 4-8 below.

Table 4-8 Socio-Economic and Community Health and Well-Being Impacts – Summary of EIS/Application Mitigation Measures

Potential Impact	Mitigation Measures
Change in regional labour supply and demand	<ul style="list-style-type: none"> • Many project effects will be positive for labour supply; mitigation focuses on enhancing opportunities for RAA residents, including First Nations. • PNW LNG provided \$75,000 to the Coastal Pathways Partnership, which was established by Northwest Community College, Ridley Terminals Inc., and School District #52 to deliver skills training specifically targeted at the employment needs of the region • Work with EPCC contractors to remove barriers to employment for RAA residents, including literacy and Grade 12 training, childcare, occupational training and support for Aboriginal workers from local First Nations. • Identify work packages that would be consistent with the capabilities of local and regional businesses to maximize local procurement opportunities. • Work with First Nations to identify partnership or other arrangements that would increase the opportunities for their participation. • Require that all of workers complete grade 12 or have an appropriate equivalency in order to prevent young people from leaving school prematurely. • Develop career pathways that would allow local construction workers with the skills necessary to transition into operational employment so that project employment opportunities can extend beyond the construction period. • Facilitate hiring and employment opportunities for RAA residents by posting qualifications and skill requirements in advance of construction and operation.

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Potential Impact	Mitigation Measures
Change in cost of living and economic activity	<ul style="list-style-type: none"> The increased economic activity associated with these purchases is generally considered to be positive, so no mitigation is required. The greatest potential for changes in the cost of living relates to potential project effects on housing and rental accommodation prices. Strategies for mitigating project effects on housing are listed below.
Change in traffic and pressure on transportation infrastructure	<ul style="list-style-type: none"> PNW LNG will implement a Transportation Management Plan that identifies key transportation corridors and outlines policies and procedures for movement of hazardous goods and movement of heavy and oversized loads. Policies to coordinate traffic with local airports and to reduce movement of workers will be included. PNW LNG will engage with First Nations, regulators and stakeholders in developing detailed plans
Changes in housing availability and affordability	<ul style="list-style-type: none"> A camp will be used to house workers during construction. It will be developed and operated by a third party on private land on the mainland. Require PNW LNG to engage in frequent communication with city and district planners in Port Edward and Prince Rupert as a means of responding to potential community grievances and changes in demand for housing infrastructure. Provide housing policies for non-local temporary workers of whom are not housed in the construction camp on Lelu Island; policies will outline preferred accommodations and require workers be housed in both Port Edward and Prince Rupert when not in housed in the construction camp to lower the demand in a single community. Outline camp management policies and practices.
Change in infrastructure and community services	<ul style="list-style-type: none"> A First Nations and Community Training and Employment Strategy will be implemented that will ensure that local communities, including First Nations, have access to training and employment opportunities provided by the Project. The long-term objective of the strategy is to maximize access to long-term career opportunities during the operational phase of the Project by local populations through enhanced skills training programs and outreach efforts (used to identify local labour talent). A Community Crime Prevention Initiative between RCMP and PNW LNG will be implemented through the Transportation Management Plan. The initiative will encourage PNW LNG and RCMP to collaborate and communicate project updates and activities that could influence community safety. The initiative will additionally help facilitate an understanding of project-related traffic concerns. A PNW LNG Project community engagement plan that will assist communities in planning for an influx of workers. The plan will include initiatives to address potential effects and will facilitate communication with the community and provide a framework from which to respond to community grievances. The plan will also provide details on how best to maximize economic opportunities related to the Project. Waste management, disposal, and recycling programs of construction and domestic waste targeted at reducing demand on municipal landfill facilities and operations will be implemented.
Change in diet and nutrition	<ul style="list-style-type: none"> See mitigation measures in other sections, particularly Marine Resources, Traditional Use of Land and Marine Resources, Air Quality, Terrestrial Vegetation and Wildlife and Marine Birds Specific to access, availability and perceived contamination, public awareness and informational sessions will be available. The goal of these programs will be to: Inform the public of changes in access to the PDA potentially affecting access to country foods. Inform the public of project activities that could potentially displace wildlife (providing locations, durations etc.). Provide information and data on actual risks of contamination to soils, waterways, vegetation and wildlife and risks associated with the consumption of contaminated country foods.

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Potential Impact	Mitigation Measures
Increase in Ambient Sound Levels	<p>During Construction:</p> <ul style="list-style-type: none"> • Nighttime construction activity will be limited to low noise activities (no impact type pile driving or blasting activities). • All construction equipment with gas or diesel engines are fitted with a muffler system (consider alternatives such as hydraulic or electric controlled units where feasible). • Vibro-hammer piling equipment will be used where conditions permit for piling operations. • Piling is expected during the construction of the pioneer dock and MOF in the first year and the marine terminal during year 2 to 5. • Equipment enclosure doors will be kept closed as much as possible. • Exhaust vents will be equipped with commercially available silencers. • A noise complaint mechanism will be implemented to address any noise complaints in a timely manner during all phases of the Project. <p>During Operations:</p> <ul style="list-style-type: none"> • Large machinery such as gas turbine generators and refrigerant compressors will be located in enclosure with minimum acoustic sound transmission loss rating. • Inlet and exhaust silencers will be installed on gas turbines if required to meet regulatory limits. • Acoustic performance of noise emission equipment will be specified to manufacturers or suppliers (not exceeding 85 dBA at 1 m from equipment and 120 dBA for emergencies). • Building doors and windows will be closed.

4.1.6.5.4 Further Information on Mitigation Measures for Socio-Economic and Community Health and Well-Being Impacts to Aboriginal Rights

During the EA process PNW LNG provided a number of Technical Memorandums pertaining to Socio-Economic and Community Health and Well-Being in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations. The Technical Memorandums referred to in Section 4.1 mitigation measures for Socio-Economic and Community Health and Well-Being are listed below:

- Additional Baseline Information on Traffic and Collisions
- Housing Availability and Affordability
- Responses to Northern Health’s Substantive Comments
- On-Site Medical and Infrastructure Services
- Mental Health and Services
- Case Studies: Effects of Worker Camp Populations on Local Health Care.

4.1.6.5.5 Cumulative Effects

Cumulative effects on the economy of the RAA are discussed in Section 14.6 of the EIS/Application. It notes that the demands of multiple proposed projects will vastly exceed the capabilities of the labour force and businesses in the RAA during construction. While the collective demands of these projects represent important opportunities for RAA residents to benefit, especially those who choose to upgrade their skills so that they can participate in construction activities, there may also be some adverse effects.

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There are concerns that development of all proposed projects could adversely affect labour force supply and demand, the cost of living and economic activity, and municipal government finances. Mitigation measures have been proposed to address these concerns including a clear commitment from the Proponent to work with First Nations and multiple levels of government to plan for and highlight positive effects options, while reducing negative effects.

4.1.6.6 Next Steps – Mitigation Measures

PNW LNG will continue to consult with First Nations and to welcome information on potential socio-economic impacts to their communities and members and hopes to enter into IBAs with First Nations.

4.1.7 Air Quality VC – Potential Impacts to Aboriginal Rights

4.1.7.1 Asserted Aboriginal Rights in Air Quality Potentially Impacted by the Project (as outlined in Section 3.1.7)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Air Quality are summarized here as:

- Quality of facility air emissions
- Potential effects on human health and the environment
- Questions regarding dispersion modelling
- Impacts of greenhouse gas emissions.

4.1.7.2 Potential Effects on the Linked VC – Air Quality

The EIS/Application identifies a single key potential effect on air quality; it also identifies that air quality issues are referenced and addressed in multiple other VCs. The process used to identify and select this potential effect for assessment included discussions with First Nations. The key potential effect and associated Project activities that may cause the effect are summarized below. For more detail, see Section 6.5 of the EIS/Application.

Section 7 of the EIS/Application provides an assessment of the Greenhouse Gas Management VC, which is also important in responding to First Nation concerns. It notes that potential effects of GHG emissions on the environment cannot be assessed meaningfully for a single project and that for this reason, the GHG management assessment focuses on quantifying project emissions and introducing engineering solutions that aim to reduce emissions and make this Project best-in-class.

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Increase in Criteria Air Contaminants (CACs): CACs refer to contaminants for which air quality objectives have been established by regulators. The key potential effect is the increase of CAC concentrations due to project air emissions. Impacts to human and ecological health can occur if CAC concentrations exceed established air quality objectives. A variety of activities during both construction and operations can lead to increased release of CACs.

Increase in Greenhouse Gas Emissions: Various activities conducted for site clearing and preparation, construction and during operations will contribute to greenhouse gas emissions. The EIS/Application discusses the key effect on greenhouse gas emission reduction targets.

The following table illustrates the primary linkages between the potential effect on the Air Quality VC, the First Nations concerns and the potential impact on Aboriginal rights.

Potential Effect on Marine Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Increase in Criteria Air Contaminants Project Activities Responsible for potential effect includes a variety of construction and operation activities.	<ul style="list-style-type: none"> Quality of facility air emissions Potential effects on human health and the environment; Questions regarding dispersion modelling Impacts of greenhouse gas emissions 	<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
Increase in Greenhouse Gas Emissions	<ul style="list-style-type: none"> Impacts of greenhouse gas emissions 	<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

The assessment of the key potential effect on the Air Quality VC addresses First Nation concerns regarding quality of facility air emissions; concerns regarding effects on human health and the environment will also be met by assessing CACs and meeting air quality standards. The assessment of the Greenhouse Gas Management VC also responds to First Nation concerns. The remaining concern regarding dispersion modelling is discussed in the following section on mitigation measures.

4.1.7.3 PNW LNG's Mitigation Measures and Next Steps

4.1.7.3.1 Quality of Facility Air Emissions

PNW LNG design philosophy focuses on reducing GHG emissions by adapting engineering solutions that meet the BC Best Available Technology policy and make this project best-in-class globally. FEED contractors have been directed to benchmark their emission figures for the project with other LNG projects in the world. Design elements to reduce emissions include the use of high efficiency aero-derivative gas turbines that use less fuel through waste heat recovery systems and generate less GHG emissions. PETRONAS technical standards also commit the PNW LNG project to strict standards for emissions management and GHG monitoring, reporting and verification (including developing verification procedures to meet international standards, such as ISO standards).

The EIS/Application identifies the legislative and regulatory requirements applicable to air quality and greenhouse gas emissions in BC and note that clear GHG regulations for the LNG export industry have not yet been implemented. Of particular importance at present is the BC OGC direction on flaring and venting reduction. PNW LNG recognizes that the GHG Management Plan developed for the project may be required to evolve with changing policies, legislation and best practices. The full suite of emission and GHG management legislative requirements, which will be met during the post-EA permitting stages of project development, contain extensive measures that address the air quality issues identified by First Nations.

PNW LNG will implement an Air Quality and Greenhouse Gas Management Plan that will describe BMPs, and mitigation measures to mitigate potential effects on air quality and greenhouse gas emissions from the Project. Additional mitigation measures will be put in place in the designated project area as required so that air quality meets regulatory requirements. Any monitoring requirements defined by the British Columbia Ministry of the Environment and British Columbia Oil and Gas Commission as a permit condition will be included in the Air Quality and Greenhouse Gas Management Plan.

PNW LNG has set a target of 25 ppm for NO_x emissions as the maximum possible emissions from the Project and has required Front-end Engineering designs to meet this target. Additional measures to reduce those emissions further may be incorporated into the LNG Plant if air emissions are determined to exceed permit conditions.

To better understand emission dispersion, PNW LNG has installed a weather monitoring station on Lelu Island and is using information from the station to inform air emission dispersion modelling. Air dispersion modelling completed to date shows no potential exceedances of any air emission thresholds. PNW LNG ensured the LAA for Air Quality was based on worst-case meteorological conditions in order to ensure impacts are not underestimated.

PNW LNG is evaluating the potential for the facility to produce acid deposition. An acidification deposition monitoring instrument is installed in Port Edward to build a solid baseline of information before the plant is operational.

PNW LNG indicated in the EIS/Application that Project-specific follow-up and monitoring requirements will be defined by BC MOE and BC OGC as a permit condition.

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4.1.7.3.2 Effects on Human Health and the Environment

Section 19 of the EIS/Application reviews the risk of impacts to Human Health, including air quality impacts. Section 19-2 identifies that First Nations and others were consulted and that the LAA was expanded based on this consultation. Mitigation measures identified in EIS/Application Section 6 dealing with Air Quality (see Table 4-9 below) were considered sufficient to address the risk of air quality impacts on human health as they are intended to reduce environmental effects to a level which does not adversely affect human health.

4.1.7.3.3 Air Dispersion Modelling

The Technical Memorandum on *Ambient Air Quality Predictions* responds to concerns and questions raised by First Nations about air quality assessment methodology.

4.1.7.3.4 Impacts of Greenhouse Gas Emissions

Section 7 of the EIS/Application addresses Greenhouse Gas Management. This was included as a stand-alone VC as a result of concerns raised during consultation with First Nations and others.

PNW LNG is designing the facility to use high efficiency aero-derivative gas turbines that require less fuel and generate fewer greenhouse gas emissions than the types of drives or turbines used by existing LNG export terminals.

PNW LNG will implement a Greenhouse Gas Management Plan, adopt best site clearing practices and make best commercial efforts to develop its best-in-class final design for the Project. The Greenhouse Gas Management Plan will address:

- Commitment to reducing the project's GHG intensity from that identified in Pre-FEED to final design
- Compliance with relevant GHG emissions management and reporting legislations
- Reduction of fugitive emissions by implementing a proactive Directed Inspection and Maintenance (DIM) and Leak Detection and Repair (LDAR) program
- Adherence to existing venting and flaring reduction requirements.

PNW LNG will also develop and implement a facility specific Fugitive Emission Management Program (FEMP) in accordance with the permit requirements. Fugitive leak detection will be achieved by completing regular facility-wide surveys, inspecting facility components daily, and deploying the gas detection monitoring system as part of normal operational activities

PNW LNG is exploring carbon offsets for any emissions that exceed British Columbia LNG facility-specific thresholds.

4.1.7.3.5 Summary of Mitigation Measures

Section 6 of the EIS/Application reviews the risk of impacts to air quality and proposes mitigation measures. Section 6.2 identifies that identified Aboriginal groups and others were consulted on air quality issues and lists air quality issues added to the assessment based on concerns expressed during consultation. Section 6.5 describes the effects assessment, including mitigation measures for each potential impact on air quality. The mitigation measures are summarized in Table 4-9 below (this is a summary only; see the EIS/Application for details).

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Table 4-9 Air Quality - Summary of EIS/Application Mitigation Measures

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	<p>Increase in Criteria Air Contaminant Concentrations (CACs)</p>	<ul style="list-style-type: none"> • Use smokeless flare technology to manage PM2.5 emissions • Manage CO and hydrocarbon emissions by optimizing combustion • Use thermal oxidizers to achieve negligible H2S emission effects, oxidize VOCs and vaporize hydrocarbon solids in waste gas before venting • Implement a natural gas leak detection program • LNG assist tugs will use low sulphur fuel • Use suppressants and paving to minimize dust on site
<ul style="list-style-type: none"> • The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. • The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	<p>Greenhouse Gas Emissions</p>	<ul style="list-style-type: none"> • Implement a facility-specific GHG emissions management plan • Reduce fugitive emissions by implementing a proactive directed inspection and maintenance and leak detection and repair program • Implement a zero flaring philosophy (flaring will only be used during upset operating conditions or emergencies) • If diesel power is required during construction, ultra-low sulphur fuel will be used

4.1.7.3.6 Further Information on Mitigation Measures for Air Quality

During the EA process PNW LNG provided a number of Technical Memorandums pertaining to Air Quality in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations. The Technical Memorandums referred to in Section 4.1 mitigation measures for Air Quality are listed below:

- Assessment of SO₂ and NO₂ Emissions using US EPA Standards
- Ambient Air Quality Predictions
- Revisions to Air Quality Figures.

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4.1.7.3.7 Cumulative Effects

Cumulative effects on air quality, including descriptions of how mitigation measures and regulatory or policy requirements contribute to reduction of those effects, are discussed in Section 13.6 and Appendix C of the EIS/Application. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to follow-up monitoring, implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in air quality.

4.1.7.4 Next Steps

PNW LNG will continue to work finalize engineering design to quantify and reduce potential effects to air quality and GHG emissions. PNW LNG will continue to engage identified Aboriginal groups with information on air emissions and greenhouse gas mitigation measures when they are available.

4.1.8 Ambient Light and Visual Quality VCs - Potential Impacts to Asserted Aboriginal Rights

4.1.8.1 Asserted Aboriginal Rights in Ambient Light and Visual Quality Potentially Impacted by the Project (as outlined in Section 3.1.8)

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding ambient light and visual quality are summarized here as:

- Visual impacts of shipping and Project facilities
- Impacts of ambient light from shipping and Project facilities
- How visual quality impacts may affect human health and quality of life.

4.1.8.2 Potential Effects on the Linked VCs – Ambient Light and Visual Quality

The EIS/Application identifies a single key potential effect of the Project for each VC regarding Ambient Light (EIS/Application Section 9) and Visual Quality (EIS/Application Section 17). The process used to identify and select these potential effects for assessment included discussions with First Nations. Key potential effects and associated Project activities that may cause the effect are summarized below.

Change in ambient light compared with pre-project conditions: Ambient light can occur as light spill, glare and sky glow. A variety of construction activities can create ambient light. During operations, ambient light will be produced from operating the LNG facility and associated infrastructure on land, operating the marine jetty-trestle and from marine shipping.

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Change in visual quality due to the Project: Visual quality, as measured from a number of viewpoints in the LAA, will be altered by the Project. Construction and operation of the facility and associated land infrastructure will permanently alter views of Lelu Island and nearby sites. The marine jetty-trestle will similarly alter marine views. Increased shipping associated with the Project will also alter visual quality in the area.

The following table illustrates the primary linkages between the potential effect on the Ambient Light and Visual Quality VCs, the First Nations concerns and the potential impact on associated Aboriginal rights.

Potential Effects from Ambient Light and on Visual Quality and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Change in ambient light compared with pre-project conditions Project Activities Responsible for potential effects include various construction activities, operating the LNG terminal and the jetty-trestle, and marine shipping.	<ul style="list-style-type: none"> impacts of ambient light from shipping and Project facilities 	<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
Change in visual quality due to the Project Project Activities Responsible for potential effects include various construction activities, operating the LNG terminal and the jetty-trestle, and marine shipping	<ul style="list-style-type: none"> visual impacts of shipping and Project facilities; how visual quality impacts may affect human health and quality of life 	<ul style="list-style-type: none"> The Aboriginal right to fish species and marine mammals for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather marine resources for subsistence, recreational and ceremonial purposes. The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

The assessment of these two potential effects addresses the First Nations concerns noted above.

4.1.8.3 PNW LNG's Mitigation Measures and Next Steps

As visual quality impacts are primarily related to the experience of using land and marine waters for traditional purposes, Section 4.1.3 addressing Current Use of Lands and Resources for Traditional Purposes should be read together with this section.

4.1.8.3.1 Visual Impacts of Shipping and Project Facilities

Section 17 of the EIS/Application reviews the risk of impacts to Visual Quality and proposes mitigation measures. This Section notes that consultations with First Nations and others led to identification of potential viewpoints of the proposed LNG facility, the marine terminal and shipping routes. The LAA for Visual Quality was revised to

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include viewpoints within 8 km of the primary and alternate shipping routes as a result of concerns raised by First Nations and the public during consultation.

EIS/Application Section 17.5 describes the effects assessment and notes that due to the flat topography of Lelu Island and the nature of the facility development, and that the large size and high number of transits of LNG vessels, mitigation measure options are limited. Mitigation measures to reduce impacts on visual quality that have been integrated into project design include:

- The height of project components is minimized to allow maximum facility screening by the vegetation buffer.
- The flare stack was relocated to the south side of the project site.
- The design of the bridge and marine terminal minimizes the visual bulk.
- A 30 m vegetation buffer will be retained around Lelu Island
- A centralized lighting control system will be used to selectively turn off lights when not required.

4.1.8.4 Impacts of Ambient Light

EIS/Application Section 9 describes the effects assessment for Ambient Light, for both construction and operation of the Project. Mitigation measures include:

During Construction

- Directed lights with shielded, cut-off design will be used to avoid excessive sky glow and light spill.
- Light requirements will be limited to that needed for safe, secure and efficient work at night, or during low natural light periods.

During Operations:

- Project design will incorporate use of luminaries that reduce wasted light (i.e., light directed upwards or directly towards observers as glare).
- Design goals incorporate Canada Green Building Council LEED guidelines where applicable, and the International Commission on Lighting Installations Guide on the Limitation of the Effects of Obtrusive Light from Outdoor Lighting Installations.
- A centralized lighting control system will be used to selectively turn off lights when not required.

4.1.8.4.1 Cumulative Impacts

Cumulative effects on visual quality are discussed in Section 17.6 of the EIS/Application and for ambient light in Section 9.6. These sections note that the assessment of cumulative effects depends, in part, on other Projects subscribe to similar policies on reduced lighting and visual impacts. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in visual quality and ambient light.

4.1.9 Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources VCs – Potential Impacts to Asserted Aboriginal Rights

4.1.9.1 Asserted Aboriginal Rights in Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources Potentially Impacted by the Project (as outlined in Section 3.1.9)

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

First Nation concerns regarding Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources are summarized here as:

- Wildlife and marine bird avoidance of key habitat
- Impacts of marine vessel traffic on seabirds and their movements
- Effects of light and flaring on birds
- Impacts on freshwater ecosystems and vegetation due to decreased air quality.

4.1.9.2 Potential Effects on the Linked VCs - Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources

The EIS/Application (Section 11) identifies three potential effects on Terrestrial Wildlife and Marine Birds (including their habitat) and three potential effects on Vegetation and Wetland Resources (Section 10). The process used to identify and select these potential effects for assessment included discussions with First Nations. Key potential effects and associated Project activities that may cause the effect are summarized below.

4.1.9.2.1 Terrestrial Wildlife and Marine Birds

Change in habitat: Construction and operation of the Project will result in direct loss or alteration of seasonal and year-round breeding, foraging, or shelter habitat for terrestrial wildlife and marine birds. Physical and noise disturbance from equipment used for vegetation clearing, facility construction and installation, commissioning, and during project operations may make adjacent terrestrial and marine habitats less suitable for terrestrial wildlife and marine birds.

Change in mortality risk: Potential mortality of terrestrial wildlife (e.g., small mammals and amphibians) is greatest during vegetation clearing and construction. Vegetation clearing can potentially destroy bird and amphibian eggs, and the offspring of mammals, birds, and amphibians if clearing is conducted during the breeding seasons identified for these groups. Noise can also cause birds to abandon nests near to construction leading to increased mortality of hatchlings. Increased mortality to birds and bats may result from night-time lighting at the marine terminal, particularly during migration periods or due to increased light dispersal during foggy or overcast conditions.

Alteration of movement: Terrestrial wildlife and marine bird movements may be altered if the Project acts as a physical barrier to previously used movement corridors due to construction and operation of the LNG facility, the marine terminal, and the arrival and departure of shipping vessels. Noise disturbance associated with construction and operational activities can also induce avoidance behaviour from various wildlife species.

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4.1.9.2.2 Vegetation and Wetland Resources

Change in abundance of plant species of interest: The abundance of plant species of interest may change directly due to clearing and site preparation, or indirectly through introduction of invasive non-native plant species, or altered abiotic conditions. Plant species of interest for this assessment include provincially- or federally-listed species at risk, plant species used by Aboriginal communities for traditional purposes, and non-native invasive plant species.

Change in abundance or condition of ecological communities: Ecological communities of interest include red- and blue-listed communities and old forest. The abundance of ecological communities of interest may change directly due to clearing and site preparation, or their condition may change due to the introduction of invasive non-native plant species, or altered abiotic conditions.

Change in wetland function: Wetland functions (hydrological, habitat or biogeochemical) may change directly as a result of clearing, filling, or draining during construction activities.

The following table illustrates the primary linkages between the potential effect on the Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources VCs, the First Nations concerns and the potential impact on Aboriginal rights.

Potential Effect on Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Change in habitat. Project Activities Responsible for potential effects include various activities during land clearing, construction and operations.	<ul style="list-style-type: none"> Wildlife and marine bird avoidance of key habitat; Impacts of marine vessel traffic on seabirds and their movements; Effects of light and flaring on birds; Impacts on freshwater ecosystems and vegetation due to decreased air quality. 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
Change in Mortality Risk. Project Activities Responsible for potential effects include land clearing and construction, and operation of the facility and marine terminal.	<ul style="list-style-type: none"> Impacts of marine vessel traffic on seabirds and their movements; Effects of light and flaring on birds; 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes..
Alteration of Movement. Project Activities Responsible for potential effects include various activities during land clearing, construction and operations.	<ul style="list-style-type: none"> Wildlife and marine bird avoidance of key habitat; Impacts of marine vessel traffic on seabirds and their movements; Effects of light and flaring on birds; 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.

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Potential Effect on Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources and Responsible Project Activities	Specified Aboriginal Group Concerns	Aboriginal Right Potentially Impacted
Change in Abundance of Plant Species of Interest. Project Activities Responsible for potential effects include land clearing and construction.	<ul style="list-style-type: none"> Impacts on freshwater ecosystems and vegetation due to decreased air quality. 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
Change in Abundance or Condition of Ecological Communities Project Activities Responsible for potential effects include land clearing and construction.	<ul style="list-style-type: none"> Impacts on freshwater ecosystems and vegetation due to decreased air quality. 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.
Change in Wetland Function. Project Activities Responsible for potential effects include land clearing, filling or draining of wetland sites.	<ul style="list-style-type: none"> Impacts on freshwater ecosystems and vegetation due to decreased air quality. 	<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

The assessment of these six potential effects on the Terrestrial Wildlife and Marine Birds, and Vegetation and Wetland Resources VCs addresses all First Nation concerns. The concern regarding impacts associated with decreased air quality is also addressed in Section 4.1.7 dealing with the Air Quality VC.

4.1.9.3 PNW LNG's Mitigation Measures and Next Steps

4.1.9.3.1 Wildlife and Marine Bird Avoidance of Key Habitat

Project infrastructure has been designed and located to reduce impacts to wildlife and marine birds and their habitat, including vegetation and wetland areas on Lelu Island. This includes a 30 meter buffer around development on Lelu Island and the design mitigation measures identified in other sections, particularly Section 4.2.1 for Marine Resources. However, for much of Lelu Island, wildlife habitat will be permanently altered as this site transitions into a major industrial development.

4.1.9.3.2 Impacts of Marine Vessel Traffic on Seabirds and Their Movements

It is anticipated there will be some displacement of marine birds with respect to LNG Carrier and supporting marine vessel traffic and their in-air acoustic emissions. Available literature suggests the duration of this effect will be short-term and reversible as marine bird species are anticipated to habituate to Project activities. Regional marine bird populations are secure and there is availability to alternate habitats away from the shipping routes. Therefore, regional marine bird populations are expected to demonstrate a moderate to high degree of resilience to changes to marine habitat availability.

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4.1.9.3.3 Effects of Light and Flaring on Birds

Project design measures that reduce the occurrence of emergency flaring, thereby reducing risks to birds, ecosystems and vegetation are outlined in EIS/Application Section 22.4.2. Administrative controls, safe work procedures and the Emergency Response Plan will all be implemented to avoid emergency flaring. Measures to prevent recurrence of flaring incidents will also be developed through post-incident investigations.

Section 9.0 of the EIS/Application outlines design elements that reduce the effects of ambient light in the vicinity of the Project. Section 4.1.8 of this report, Ambient Light and Visual Quality, contains measures that mitigate the impacts of light on birds.

4.1.9.3.4 Impacts on Freshwater Ecosystems and Vegetation Due to Decreased Air Quality

Section 10 of the EIS/Application provides information in relation to Vegetation and Wetlands. Impact indicators and mitigation measures from Section 10.5 are included in Table 4-10 below. Section 4.1.7 Air Quality Impacts contains important measures for mitigating potential impacts on ecosystems and vegetation due to decreased air quality.

4.1.9.3.5 Summary of Mitigation Measures

Section 11 of the EIS/Application reviews the risk of impacts to wildlife and marine birds and proposes mitigation measures. Section 11.2 of the EIS/Application identifies the regulatory and policy setting for management of wildlife and marine birds applicable to the Project. Section 11.2.2 identifies that identified Aboriginal groups and others were consulted on wildlife and marine bird's issues and indicates how the assessment was modified based on concerns expressed during consultation. Section 11.5 describes the effects assessment, including mitigation measures for each potential impact on wildlife and marine birds. The mitigation measures are summarized in Table 4-9 below (this is a summary only; see the EIS/Application for details). Note that many of the mitigation measures address multiple indicators. Indicators selected address First Nation concerns about impacts to wildlife habitat availability and usage and mortality to marine birds.

Also note that mitigation measures identified in other sections also apply here; in particular, Section 4.1.1 Marine Resources, 4.1.3 First Nation Current Use of Lands and Resources for Traditional Purposes, 4.1.7 Air Quality Impacts, and 4.1.8 Ambient Light and Visual Quality all contain important mitigation measures for wildlife and marine birds or that address First Nation concerns.

Table 4-10 Wildlife and Marine Birds - Summary of EIS/Application Mitigation Measures

Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes • The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	Change in wildlife habitat availability	<ul style="list-style-type: none"> • Boundaries of the PDA will be clearly marked and clearing, grading or dredging, construction, and temporary storage of materials of terrestrial and marine habitat will be limited to within the PDA boundaries. • If temporary workspace or storage areas are required beyond the extent of the PDA, they will be located in existing cleared areas to the extent possible. • A 30 m vegetation buffer will be retained around the perimeter of Lelu Island, except at access points (e.g., at the bridge, pioneer dock, MOF, trestle, and pipeline interconnection).

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Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
		<ul style="list-style-type: none"> • Wetland habitat compensation will include restoration and compensatory activities to recover the loss of wetland habitat function to terrestrial mammals, amphibians, and birds. • Fish habitat offsetting will include restoration and compensatory activities to recover the net loss of marine fish habitat used for foraging by marine birds. • LNG carriers, tugs, and barges will not exceed a speed of 16 knots within the LAA. • Mitigations for the acoustic environment will reduce noise disturbance to adjacent terrestrial and marine habitats. • A Blasting Management Plan will be implemented.
<ul style="list-style-type: none"> • The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes. 	<p>Change in mortality risk</p>	<ul style="list-style-type: none"> • Guidelines for restricted activity periods to protect wildlife and marine birds will be followed. • Clearing activities will occur outside of the breeding season for terrestrial birds, amphibians, and bats (April 15 through July 31), and will avoid the breeding period for raptors (January 5 through September 6). • If clearing is required during these breeding periods, bird surveys will be conducted in advance of vegetation clearing by a BC-certified Registered Professional Biologist to comply with the Migratory Birds Regulations of the Migratory Birds Convention Act and the BC Wildlife Act. Buffers will be established around active nests and clearly marked to show the extent of clearing (BC MOE 2013). • If raptor nests are identified within the clearing limits of the PDA and require removal, this would be subject to permit approval under Section 34 of the BC Wildlife Act, where the Act applies. • Permanent fencing will be erected around the Project. • Feeding and harassment of wildlife will be prohibited. • Wildlife education and awareness training will be provided. • Traffic between Prince Rupert, Port Edward, and the project site will be reduced through the use of buses, crew cab trucks, water taxis, and other group transportation options when practical. This will primarily apply to travel required for shift changes. • A Project Waste Management Plan will be implemented and ensure that wastes and recycling materials will be temporarily stored on site in wildlife-proof containers and regularly transferred to an approved disposal or sorting facility. • To mitigate potential light-induced mortality, lighting mitigations will follow objectives contained within the Canada Green Building Council LEED guidelines and the International Commission on Illumination (LEED 2004; CIE 2003; Section 9). The use of exterior lighting (including portable lighting structures) at the LNG facility, the MOF, marine terminal, trestle, berth, and on berthed vessels will be limited where practical and permissible under federal safety and navigation regulations.

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Aboriginal Right	Linked Potential VC Impact	Mitigation Measures
<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes 	Alteration of movement	<ul style="list-style-type: none"> Boundaries of the PDA will be clearly marked and clearing, grading or dredging, construction, and temporary storage of materials of terrestrial and marine habitat will be limited to within the PDA boundaries. Mitigation for the acoustic environment will reduce noise disturbance to adjacent terrestrial and marine habitats.
<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	Change in abundance of plant species of interest	<ul style="list-style-type: none"> In the development of the Wetland Habitat Compensation Plan, traditional use species present in the PDA will be used for planting wherever possible and practical. Standard mitigation practices will be used during construction to prevent any introduction and spread of noxious weeds and invasive plants. A Species at Risk Discovery Contingency Plan will be developed and followed to address any chance-discoveries of plant species at risk during construction.
<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	Change in abundance or condition of ecological communities	<ul style="list-style-type: none"> Implement drainage and erosion control measures to retain baseline hydrological regime where appropriate. Protect ecological communities of interest adjacent to construction limits through clear markings, fencing etc. Restrict the use of herbicides near communities of interest. Monitoring of soils and vegetation within the areas of predicted nitrogen deposition exceedance of empirical critical loads is recommended since the precise response of these communities to such deposition is uncertain. See also mitigations for Air Quality, Section 4.1.7.
<ul style="list-style-type: none"> The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes. 	Change in wetland functions	<ul style="list-style-type: none"> Manage any wetlands outside the Project's "footprint" through clear markings, fencing etc. Implement drainage and erosion control measures to maintain local surface and ground hydrology and pre-disturbance drainage pathways where appropriate Implement a Wetland Habitat Compensation Plan that includes: <ul style="list-style-type: none"> Securement, plus restoration or creation, of 120 ha of wetlands through an agreement between PNW LNG and an appropriate habitat conservation organization A five-year effectiveness monitoring program for the restored or created wetlands by Ducks Unlimited Canada. Bog restoration benefiting a minimum of 116 ha of coastal bog ecosystems through funding the immediate research and restoration priorities

The Environmental Monitoring Plan will detail the procedures and practices to comply with all regulatory requirements and guide the implementation of self-imposed environmental commitments to protect the environment. The Environmental Monitoring Management Plan will outline the approach for monitoring a number of indicators relevant to wildlife and marine birds, including surface water quality, marine water quality, effluent emissions, and incidental wildlife observations.

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PNW LNG will implement a Noise, Vibration, and Ambient Light Management Plan to reduce noise and light effects on the surrounding environment. Mitigation measures will be implemented to reduce effects on local communities and wildlife, including specific instructions to reduce and muffle noise caused by machinery during construction and operations. Equipment that emits noise and vibrations will be calibrated to perform using manufacturer specifications, and construction will occur during predetermined daytime hours. Night-time activities will be limited to lower noise activities.

PNW LNG will implement a Vegetation Management Plan that identifies practices for prevention and control of invasive species, measures for protection of ecological communities of management concern and best management practices aimed at mitigation of the potential for impacts of sedimentation, erosion, and drainage to vegetation within construction areas. Practices for maintenance and restoration of hydrological regimes around the perimeter of the PDA are also included. Measures to be implemented through the Air Quality and Greenhouse Management Plan are also important for avoiding, reducing and monitoring potential impacts to vegetation, wildlife and marine birds and their habitat.

During the EA process PNW LNG provided a number of Technical Memorandums pertaining to wildlife and marine birds in response to comments from the working group. These Technical Memorandums, which were provided to all First Nations, also responded to concerns raised by First Nations.

The Technical Memorandum regarding *Effects of Shipping on Marine Bird Movement* confirmed that marine bird movements may be affected during construction and by shipping. Distance from marine bird colonies, vessel speeds, the localized temporary nature of impacts and the ability of birds to habituate to shipping activity were cited as factors that reduce the risk of negative impacts. A Technical Memorandum on Marbled Murrelet Habitat notes marbled murrelets are listed as Threatened under the federal Species at Risk Act and reviews potential impacts to breeding and marine foraging habitat, and confirms that Project mitigations include activities to reduce impacts to marbled murrelet and are consistent with recovery objectives outlined in the proposed federal recovery strategy. Following the release of the final recovery strategy, the strategy will be reviewed for the Project to verify the potential extent of impacts to critical habitat. PNW LNG will consult with Environment Canada to determine if additional mitigation measures are warranted to ensure compliance with the Species at Risk Act.

The Technical Memorandum regarding *Wildlife Habitat Modelling* addresses concerns about habitat suitability modelling, ecological community modelling and species of traditional use. It identifies a range of mitigation measures from the EIS/Application that address the concerns and concludes that residual effects from the loss and alteration of habitat will not affect the sustainability of regional terrestrial wildlife and marine bird populations and change in habitat is not predicted to be significant.

The Technical Memorandum regarding *Potential Effects of Project Lighting on Songbirds, Marine Birds, and Bats* addresses lighting from the LNG facility, marine terminal and vessels, as well as from flaring activities. It outlines mitigation measures from the EIS/Application that minimize spatial and temporal effects of lighting on birds and notes that in addition, PNW LNG will: ensure employees and contractors are educated to increase awareness of lighting effects on birds, particularly during peak migration periods; report light-induced mortality of terrestrial wildlife and marine birds as a component of the Environmental Effects Management Plan; and compile data on collision events (including date, time, weather, number, and species of birds) and submit reports to the appropriate regulatory agencies on an annual basis.

ABORIGINAL CONSULTATION REPORT

Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

Cumulative effects on wildlife and marine birds are discussed in Section 11.6 of the EIS/Application. PNW LNG has provided written responses to those First Nations who expressed concerns about cumulative effects. All of the measures discussed above, together with Proponent commitments to follow-up monitoring, implementing various project management plans, future field studies where required and ensuring adherence to all regulatory requirements collectively address and mitigate the risk of cumulative impacts to First Nations rights in wildlife and marine birds.

4.1.9.4 Next Steps – Mitigation Measures

Details of the follow-up monitoring program will be developed through further consultation with environmental regulatory authorities and Aboriginal groups and will include monitoring of effects of acidification or eutrophication of freshwater systems on amphibians.

4.2 METLAKATLA FIRST NATION

Section 3.2 outlines the consultation with Metlakatla First Nation, including Metlakatla concerns about the potential for impacts to their Aboriginal rights. Those Metlakatla concerns that are shared by other First Nation(s), and PNW LNG's proposed measures to respond to those concerns and mitigate the risk of impacts, have been addressed in Section 4.1. This section identifies mitigation measures proposed to address concerns raised by Metlakatla.

4.2.1.1 Potential adverse impacts of the Project on Asserted Aboriginal Rights

Section 3.1 identifies asserted Aboriginal rights consistent with the concerns raised by First Nations that may be affected by the Project. The description of these rights has benefitted from consultation with First Nations during the EA process and supplements information contained in the EIS/Application. These rights are:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

Section 27.1.4 of the EIS/Application provides information about potential or established rights of the First Nations. Section 27.1.4.3 addresses Metlakatla First Nation Potential and Established Aboriginal Rights. Metlakatla asserts that development of Lelu Island and associated marine-based activities will affect its Aboriginal title and that the lands and waters on, and surrounding, Lelu Island have longstanding traditional and current use by Metlakatla members.

Section 21.5.1.2 of the EIS/Application outlines PNW LNG's assumptions and conservative approach in assessing impacts on Aboriginal rights relating to current use of the land and resources for traditional purposes.

ABORIGINAL CONSULTATION REPORT

Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

PNW LNG has taken a conservative approach and has assumed that Aboriginal people currently use Lelu Island and the waters immediately surrounding it for traditional purposes including, but not limited to, activities such as fishing, intertidal harvesting, camping, tree cutting, and medicinal plant gathering.

4.2.1.2 PNW LNG’s Mitigation Measures and Next Steps

Issue	PNW LNG Response
Archaeological and Heritage Values	
Metlakatla First Nation specifically requested that, for the geotechnical drilling program related to the Project, “all culturally modified trees be protected and preserved regardless of age and type”.	All CMTs in the PDA were recorded in accordance with Metlakatla First Nation guidelines and did not exclude post-1846 features. Several CMTs were removed to support the Lelu Island geo-technical drilling program for safety reasons. “Cookies” were taken from the fallen CMTs and were provided to Metlakatla.
Project Safety	
Metlakatla has also requested that an assessment of impacts and malfunctions on Metlakatla Village be conducted.	The assessment of impacts associated with accidents and malfunctions to valued components is conducted taking into account all potentially affected communities. This assessment includes potential effects on Metlakatla Village and members.

It is expected that the Traditional Use Studies submitted to PNW LNG will provide more specific information about current use of lands and resources for traditional purposes for each Aboriginal group, giving more clarity on the risk of impacts to each First Nations Aboriginal Rights and allowing for additional or refined mitigation measures to be implemented that are specific to each Aboriginal group.

4.3 LAX KW’ALAAMS NATION

Section 3.3 outlines the consultation with Lax Kw’alaams Nation, including Lax Kw’alaams concerns about the potential for impacts to their Aboriginal rights and interests. Those Lax Kw’alaams concerns that are shared by other Aboriginal groups, and PNW LNG’s proposed measures to respond to those concerns and mitigate the risk of impacts, have been addressed in Section 4.1. This section identifies reviews mitigation measures proposed to address concerns raised uniquely by Lax Kw’alaams.

4.3.1.1 Potential Adverse Impacts of the Project on Asserted Aboriginal Rights

Section 3.1 identifies asserted Aboriginal rights consistent with the concerns raised by the Aboriginal groups that may be affected by the Project. The description of these rights has benefitted from consultation with the specified Aboriginal groups during the EA process and supplements information contained in the EIS/Application. These rights are:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

ABORIGINAL CONSULTATION REPORT

Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

Section 27.1.4 of the EIS/Application provides information about potential or established rights of the First Nations consulted regarding this project. Section 27.1.4.4 addresses Lax Kw’alaams Nation Potential and Established Aboriginal Rights. This section notes that Lax Kw’alaams Nation asserts that it has a strong claim to Aboriginal rights within the Prince Rupert Harbour area. It also asserted that its Aboriginal rights include fishing, shellfish and marine plant harvesting, terrestrial plant harvesting, and historical marine navigation, that it is not limited to those rights, and that its protected Aboriginal rights include “countless practices” integral to the distinctive Lax Kw’alaams First Nation culture, including:

- Practices related to governing and stewarding lands waters and resources in Lax Kw’alaams
- First Nation territory
- Spiritual and cultural practices
- Commercial (trade) practices
- Economic components of Aboriginal title and cultural interests.

In addition, Lax Kw’alaams asserted that regular use and occupation by Lax Kw’alaams First Nation ancestors grounded a strong Aboriginal title claim to Lelu Island.

Section 21.5.1.2 of the EIS/Application outlines PNW LNG’s assumptions and conservative approach in assessing impacts on Aboriginal rights relating to current use of the land and resources for traditional purposes.

PNW LNG has taken a conservative approach and has assumed that Aboriginal people currently use Lelu Island and the waters immediately surrounding it for traditional purposes including, but not limited to, activities such as fishing, intertidal harvesting, , camping, tree cutting, and medicinal plant gathering. PNW LNG has also assumed that natural resources harvested at Lelu Island and in the surrounding waters are not unique to that area and can be harvested elsewhere within the traditional territories of the five Aboriginal groups.

4.3.1.2 PNW LNG’s Mitigation Measures and Next Steps

Issue	PNW LNG Response
Site Selection	
Lax Kw’alaams has expressed concerns about the Project location and has asserted that Lelu Island, given its location in the Skeena Estuary, and near the Flora Bank is an inappropriate location for the Project and its marine infrastructure	PNW LNG has explained how this project differs from projects previously proposed for Lelu Island and adjacent waters that had much greater potential impacts. PNW LNG has explained that Lelu Island was selected after detailed analysis of 16 sites with more careful analysis of five short-listed sites in the Prince Rupert, Port Simpson and Kitimat areas. PNW LNG is committed to the Lelu island site and believes that any potential negative unmitigated impacts to fish populations created by the Project’s location can be avoided, mitigated or offset.

4.4 KITSUMKALUM FIRST NATION

Section 3.4 outlines the consultation with Kitsumkalum First Nation, including Kitsumkalum concerns about the potential for impacts to their Aboriginal rights and interests. Those Kitsumkalum concerns that are shared by other specified Aboriginal groups (s), and PNW LNG's proposed measures to respond to those concerns and mitigate the risk of impacts, have been addressed in Section 4.1. This section identifies reviews mitigation measures proposed to address concerns raised uniquely by Kitsumkalum.

4.4.1.1 Potential Adverse Impacts of the Project on Asserted Aboriginal Rights

Section 3.1 identifies asserted Aboriginal rights consistent with the concerns raised by First Nations that may be affected by the Project. The description of these rights has benefitted from consultation with First Nations during the EA process and supplements information contained in the EIS/Application. These rights are:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

Section 27.1.4 of the EIS/Application provides information about potential or established rights of the First Nations consulted regarding this project. Section 27.1.4.7 addresses Kitsumkalum First Nation Potential and Established Aboriginal Rights. Kitsumkalum asserts that it holds Aboriginal Rights and Title to Lelu Island and all of the lands covered by the proposed project.

Section 21.5.1.2 of the EIS/Application outlines PNW LNG's assumptions and conservative approach in assessing impacts on Aboriginal rights relating to current use of the land and resources for traditional purposes.

PNW LNG has taken a conservative approach and has assumed that Aboriginal people currently use Lelu Island and the waters immediately surrounding it for traditional purposes including, but not limited to, activities such as fishing, intertidal harvesting, camping, tree cutting, and medicinal plant gathering. PNW LNG has also assumed that natural resources harvested at Lelu Island and in the surrounding waters are not unique to that area and can be harvested elsewhere within the traditional territories of the five Aboriginal groups.

ABORIGINAL CONSULTATION REPORT

Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

4.4.1.2 PNW LNG’s Mitigation Measures and Next Steps

Issue	PNW LNG Response
Marine Navigation	
Kitsumkalum has requested more information about the size and volume of ships associated with the Project and the fuels they will use.	Information on the size and type of LNG carriers is provided in Section 2. Section 22 (Accidents and Malfunctions) includes information on the types of fuel used by the LNG carriers.
Archaeological and Heritage Values	
Kitsumkalum has told PNW LNG that there is an ancient Kitsumkalum village adjacent to the Project site	Section 20: Archaeology and Heritage Resources VC includes a review and assessment of potential project effects on these resources. No village has been documented on Lelu Island. PNW LNG welcomes any specific information the Kitsumkalum First Nation can provide with respect to heritage resources.
Project Safety	
Kitsumkalum has requested information about the efficacy of double-hulled ships for containment	Loss of LNG Containment: Coincidental studies completed as part of the TERMPOL process include a quantitative risk analysis of cargo containment loss through all possible scenarios of shipping accidents, including navigation (collision, grounding, etc.), cargo transfer and vessel collisions with the jetty-trestle. Studies completed to date indicate there is a very low risk of these incidents.

It is expected that the Traditional Use Studies submitted to PNW LNG will provide more specific information about current use of lands and resources for traditional purposes for each Aboriginal group, giving more clarity on the risk of impacts to each First Nations Aboriginal Rights and allowing for additional or refined mitigation measures to be implemented that are specific to each Aboriginal group.

4.5 KITSELAS FIRST NATION

Section 3.5 outlines the consultation with Kitselas First Nation, including Kitselas concerns about the potential for impacts to their Aboriginal rights and interests. Those Kitselas concerns that are shared by other First Nation(s), and PNW LNG’s proposed measures to respond to those concerns and mitigate the risk of impacts, have been addressed in Section 4.1. This section identifies reviews mitigation measures proposed to address concerns raised uniquely by Kitselas.

4.5.1.1 Potential Adverse Impacts of the Project on Asserted Aboriginal Rights

Section 3.1 identifies asserted Aboriginal rights consistent with the concerns raised by First Nations that may be affected by the Project. The description of these rights has benefitted from consultation with First Nations during the EA process and supplements information contained in the EIS/Application. These rights are:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.

ABORIGINAL CONSULTATION REPORT

Potential Impacts and Proposed Mitigation Measures Related to Aboriginal Rights

- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

Section 27.1.4 of the EIS/Application provides information about potential or established rights of the First Nations consulted regarding this project. Section 27.1.4.6 addresses Kitselas First Nation Potential and Established Aboriginal Rights. Kitselas First Nation has asserted that they have Aboriginal title to their entire asserted traditional territory based on their exercise of land and resource management jurisdiction over the entire area.

Section 21.5.1.2 of the EIS/Application outlines PNW LNG's assumptions and conservative approach in assessing impacts on Aboriginal rights relating to current use of the land and resources for traditional purposes.

PNW LNG has taken a conservative approach and has assumed that Aboriginal people currently use Lelu Island and the waters immediately surrounding it for traditional purposes including, but not limited to, activities such as fishing, intertidal harvesting, , camping, tree cutting, and medicinal plant gathering. PNW LNG has also assumed that natural resources harvested at Lelu Island and in the surrounding waters are not unique to that area and can be harvested elsewhere within the traditional territories of the five Aboriginal groups.

4.5.1.2 PNW LNG's Mitigation Measures and Next Steps

Issue	PNW LNG Response
Project Safety	
Kitselas would like a safety assessment of shipping ethylene and methane by ship, highway and rail.	PNW LNG has assessed the risk of shipping LNG through the Port using Quantitative Risk Assessment (QRA). This information has been summarized in the EIS/Application with respect to potential accidents and malfunctions. Both the PRPA and the BC Oil and Gas Commission will require those assessments and will require emergency response planning.

It is expected that the Traditional Use Studies submitted to PNW LNG will provide more specific information about current use of lands and resources for traditional purposes for each Aboriginal group, giving more clarity on the risk of impacts to each First Nations Aboriginal Rights and allowing for additional or refined mitigation measures to be implemented that are specific to each Aboriginal group.

4.6 GITXAALA NATION

Section 3.6 outlines the consultation with Gitxaala Nation, including Gitxaala concerns about the potential for impacts to their Aboriginal rights and interests. Those Gitxaala concerns that are shared by other First Nation(s), and PNW LNG's proposed measures to respond to those concerns and mitigate the risk of impacts, have been addressed in Section 4.1. This section identifies reviews mitigation measures proposed to address concerns raised uniquely by Gitxaala.

4.6.1.1 Potential Adverse Impacts of the Project on Asserted Aboriginal Rights

Section 3.1 identifies asserted Aboriginal rights consistent with the concerns raised by First Nations that may be affected by the Project. The description of these rights has benefitted from consultation with First Nations during the EA process and supplements information contained in the EIS/Application. These rights are:

- The Aboriginal right to fish species (such as eulachon, salmon and ground fish) and marine mammals for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather marine resources such as shellfish and marine vegetation for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to hunt terrestrial wildlife for subsistence, recreational and ceremonial purposes.
- The Aboriginal right to gather and harvest plants for subsistence, recreational and ceremonial purposes.

Section 27.1.4 of the EIS/Application provides information about potential or established rights of the First Nations consulted regarding this project. Section 27.1.4.5 addresses Gitxaala Nation Potential and Established Aboriginal Rights. Gitxaala Nation have asserted unextinguished Aboriginal title and rights to the Prince Rupert Harbour area, including Lelu Island.

Section 21.5.1.2 of the EIS/Application outlines PNW LNG's assumptions and conservative approach in assessing impacts on Aboriginal rights relating to current use of the land and resources for traditional purposes.

PNW LNG has taken a conservative approach and has assumed that Aboriginal people currently use Lelu Island and the waters immediately surrounding it for traditional purposes including, but not limited to, activities such as fishing, intertidal harvesting, camping, tree cutting, and medicinal plant gathering. PNW LNG has also assumed that natural resources harvested at Lelu Island and in the surrounding waters are not unique to that area and can be harvested elsewhere within the traditional territories of the five Aboriginal groups.

4.6.1.2 PNW LNG's Mitigation Measures and Next Steps

It is expected that the Traditional Use Studies submitted to PNW LNG will provide more specific information about current use of lands and resources for traditional purposes for each Aboriginal group, giving more clarity on the risk of impacts to each First Nations Aboriginal Rights and providing opportunities for additional or refined mitigation measures to be implemented that are specific to each Aboriginal group.

5 PROPOSED FUTURE CONSULTATION ACTIVITIES

5.1 CONSULTATION PLAN

PNW LNG will continue to endeavor to develop respectful relationships with Aboriginal groups according to the Aboriginal Consultation Plan titled *Plan for Procedural Aspects of Aboriginal Consultation* approved by the BC EAO in January, 2014.

ABORIGINAL CONSULTATION REPORT

Filing Future Supplemental Consultation Information to EAO And the CEA Agency

5.2 ENVIRONMENTAL ASSESSMENT AGREEMENTS

PNW LNG will continue to support and encourage effective participation by Aboriginal groups in the Environmental Assessment both before and after the decision and related regulatory processes.

5.3 INFORMATION REQUESTS

PNW LNG will continue to respond to queries from Aboriginal groups and will provide Aboriginal groups with information and technical reports about the Project. PNW LNG continues to welcome any information from the Aboriginal groups on their interests related to the Project and any potential impacts on those interests. PNW LNG has compiled available information from the First Nation Traditional Use and Socio-Economic and Cultural study information. This information has been integrated into the Project as applicable and within the timelines established by BC EAO. The review process generally involves each Aboriginal groups sharing with PNW LNG detailed information supporting the studies in order that both parties can work together to better understand if the project has a direct and indirect impact to First Nation rights or interests. Please refer to Section 6.0 for further process details.

PNW LNG will continue to offer to make presentations to First Nation communities on the project and to plan field trips to both the project area and surrounding area to help understand potential effects of the project on their interests related to the project and explore opportunities to mitigate these impacts.

5.4 FUTURE STUDIES/WORK

Wherever possible, PNW LNG will involve specified Aboriginal groups in upcoming studies and investigations related to the Project's post-EA authorizations. PNW LNG will endeavor to negotiate agreements with Aboriginal groups to provide reasonable capacity funding to engage in future project implementation and permitting activities; the preparation of management plans as directed by the Environmental Assessment; and field studies as required to support permitting.

5.5 IMPACT BENEFIT AGREEMENTS

PNW LNG will continue to negotiate Impact Benefit Agreements with the Metlakatla, Lax Kw'alaams, Gitxaala, Kitsumkalum and Kitselas to address residual impacts to asserted Aboriginal rights and interests.

6 FILING FUTURE SUPPLEMENTAL CONSULTATION INFORMATION TO EAO AND THE CEA AGENCY

In an effort to identify Aboriginal traditional use practices in the vicinity of the Project and evaluate the potential Project-related effects to those practices, PNW LNG has provided funding to five Aboriginal Groups to complete Traditional Use Studies (TUS) and Socio-economic Assessments (SEA) and submit them into the environmental assessment process. As noted earlier in this report, draft interim TUS information has been submitted by five First Nations. PNW LNG has, at time of writing, not yet received all of the SEA from the Aboriginal Groups.

ABORIGINAL CONSULTATION REPORT

Filing Future Supplemental Consultation Information to EAO And the CEA Agency

PNW LNG proposes to carefully review each TUS and SEA submission, discuss with the respective First Nation and submit a letter report to CEAA and BC EAO as supplements to this Aboriginal Consultation Report where necessary and appropriate.

PNW LNG and the Aboriginal Groups have agreed on the following structured approach to its review and evaluation of the TUS reports. This proposed approach can be divided into the following steps:

1. The TUS information has and will be reviewed and compared to what information was used in the EIS/Application in order to identify areas of consistency or where there are substantive differences.
2. New or different information will be evaluated to determine whether it results in any change or refinement of the environmental assessment conclusions.
3. In cases where the conclusions of the environmental assessment have changed substantively and negatively, PNW LNG may propose revised or new mitigation measures to address any previously unforeseen effects. Any new proposed mitigation measures included as part of the TUS reports submitted by Aboriginal Groups will be carefully evaluated at this time.
4. PNW will offer to meet with Aboriginal Groups to discuss the results of their TUS reports and to collaborate on the refinement of mitigation measures as appropriate.
5. PNW LNG may provide a letter report to CEAA and BC EAO which summarizes the analysis undertaken for each TUS submission and outlines any new or revised mitigation measures PNW LNG proposes to address newly identified effects to Aboriginal interests.

APPENDIX A
LIST OF STUDIES WHICH INCLUDED ABORIGINAL
PARTICIPATION

ABORIGINAL CONSULTATION REPORT

Appendix A: List of Studies Which Included Aboriginal Participation

Date	Nation	Field Study/Survey
Aug 12 – 16, 2012	METLAKATLA	Arch inventory surveys
Oct 18 – 19, 2012	METLAKATLA	Marine foreshore surveys
Nov 7 – 8, 2012	METLAKATLA	Marine bird surveys
Jan 23 -26, 2013	METLAKATLA KITSUMKALUM	Marine bird surveys
March 15, 2013	LAX KW'ALAAMS METLAKATLA	Arch inventory surveys
March 18 – 22, 2013	METLAKATLA LAX KW'ALAAMS	Arch inventory surveys
April 16 – 19, 2013	METLAKATLA	Bird nesting surveys
May 14 – 15, 2013	METLAKATLA	Air quality – Meteorological station installation
May 23 – 29, 2013	METLAKATLA	Marine foreshore surveys
May 30 – 31, 2013	METLAKATLA	Marine eel grass surveys
Jun 4 – 10, 2013 Jun 12 – 15, 2013 Jun 24 – Jul 4, 2013 Jul 10 – Jul 18, 2013 Jul 16 – Jul 31, 2013	METLAKATLA	Lelu Island geotechnical investigation – Arch inventory and Arch impact assessment of boreholes
Aug 6 - 10	METLAKATLA KITSUMKALUM	Arch impact assessment - Block A, Lot 641, Plan 850 Borehole CMT Inspection - monitoring
Aug 1 – 8, 2013	METLAKATLA KITSUMKALUM	Soil sampling
Aug 8 – 13, 2013	METLAKATLA	Lelu Island freshwater streams fish sampling
Sep 16, 2013	METLAKATLA	Marine Country Foods sampling
Oct 8 – 10, 2013	METLAKATLA	Marine sediment sampling
Oct, 2013	KITSUMKALUM	Soil Sampling
Dec, 2013	METLAKATLA	Field Technician - Drilling Program
Jan, 2013	METLAKATLA	Environmental monitoring - Drilling Program
June 14-19, 2014	METLAKATLA; GITXAALA, KITSUMKALUM	Lelu Island Arch GAP Inventory for CMT's and Intertidal area
July 29, 2014	GITXAALA	Lelu island CMT Sampling
July –Aug 2014	KITSUMKALUM; KITSELAS; LAX KW'ALAAMS	ROV Browns Passage survey

APPENDIX B
LIST OF REPORTS PROVIDED TO ABORIGINAL
GROUPS

Pre-FEED

Preliminary Design Report – Lelu Island Access Road

Study Basis of Marine Traffic and Berth Availability Study

Assessment of Bog and Peat Deposits Phase 1B – GIS Analysis and Field Verification Survey

Pre-FEED Environment Basis of Design

Pre-FEED Phase II Marine Facilities

Berth Cross-Section Drawings

Containment Boom Drawing

Jetty Plan & Berth Drawings

Trestle Plan and Elevation Drawings

Breasting Dolphins Drawings

Materials Off-Load Facility & Turning Basin Drawing

Materials Off-Load Facility Dock Drawings

Pre-FEED Air Emissions, Wastewater Effluents and Waste Summaries

Historical Tsunami Records

Marine Geophysical Survey Report

Pre-FEED Flare Study Report

Environmental Assessment

Terrestrial Ecosystem Study – Final Report

Wind Study

Dredging Report

Culturally Modified Trees on Lelu Island

Draft ACR - Appendix B - Technical Reports Distributed to Aboriginal Groups

Memo – Comments on Siting of the Proposed Pacific Northwest LNG Project

Stantec Email – Marine Reconnaissance Survey

Flora Bank Eelgrass Survey

Stantec Email – Environmental Field Studies 2013

Phase I Environmental Site Assessment – Final Report

Stantec Email – Results of Onshore Borehole Inspections – Heritage Resources

Stantec Email – Results of Marine Borehole Inspections

Borehole Locations Map

Marine Environment Quality in North Coast and Queen Charlotte Islands, British Columbia, Canada: A Review of Containment Sources, Types and Risks

Assessing Cumulative Environmental Effects under the *Canadian Environmental Assessment Act*, 2012

Marine Sediment Survey Workplan

ODK Water Supply Wastewater Disposal Feasibility Study – Preliminary Draft

Detailed Air Quality Dispersion Modelling Plan

Development Region 6 – North Coast – Statistical Profile

Proposed LNG Facility Project Site on Lelu Island: An Archaeological Inventory Report

Vegetation and Wetlands

Geotechnical Investigation – Environmental Monitoring Report

Terrestrial Wildlife and Marine Birds

DRAFT Plan for Procedural Aspects of Aboriginal Consultation

Technical Data Report – Marine

DFS

Draft ACR - Appendix B - Technical Reports Distributed to Aboriginal Groups

Phase 1A Geologic Reconnaissance Survey and Geophysical Site Visit

Preliminary Bathymetry Coverage Areas

LiDAR Data Capture and Processing Report – KBR/McElhanney

APPENDIX C
UPDATE TO APPENDIX C OF THE ABORIGINAL
CONSULTATION REPORT

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
30-Jan-2013	Email From: Cindy Rutherford, VP, PNW To: Ryan Leighton, Metlakatla	Economic Participation		<ul style="list-style-type: none"> Request for information to pass to Project Manager regarding contracting opportunities 	In Progress: <ul style="list-style-type: none"> PNW LNG willing to receive further information on Metlakatla capacity
18-Feb- 2013	Letter From: Lisa Walls (CEAA) To: Harold Leighton (Metlakatla) and Councillors	Social and economic effects to First Nations Archaeological Values Traditional Land and Marine Waters Use Consultation	<ul style="list-style-type: none"> Determination of Requirement for Environmental Assessment 		Complete
7-Mar-2013	Letter From: Anna Usborne (Metlakatla) To: Jack Smith (CEAA) Cc: Leighton, Harold (Metlakatla) Wilson, Ross (Metlakatla)	Scope of assessment Social and economic effects to First Nations Archeological Values Scope of assessment Volume of Shipping Traffic	<ul style="list-style-type: none"> Project impacts to Metlakatla's Aboriginal rights, title and interests <ul style="list-style-type: none"> Health conditions Socio-economic conditions Physical and cultural heritage Current use of lands and resources Historical and archaeological resources Environmental Assessment Cumulative effects of marine terminal projects and associated transportation and shipping. impacts on historical resources 	<ul style="list-style-type: none"> PNW LNG has entered into an Environmental Assessment Agreement with Metlakatla. It provides capacity funding for the EA process. Metlakatla is completing a Traditional Use Study, Socio-Economic Impacts Assessment, an Alternative Disposal at Sea report and other activities. 	In Progress: <ul style="list-style-type: none"> Capacity funding provided. Completion of studies and consultation on their results pending.
14-Mar-2013	PowerPoint Presentation "Technical Meeting" From: Gerry Fraser (PNW) and Andrea Pomeroy (Stantec) To: Metlakatla and Lax Kw'alaams	Consultation		<ul style="list-style-type: none"> PNW PowerPoint Presentation given to Metlakatla and Lax Kw'alaams by Gerry Fraser and Andrea Pomeroy (Stantec) at meeting on March 14, 2013 Covers: <ul style="list-style-type: none"> project overview CEAA 2012 2012 Field Program Results 2013 Field Programs and Traditional Use Studies. 	Complete
8-April-2013	Information Distribution: Draft EISG delivered via Letter of April 4, 2013 From: Lisa Walls (CEAA) To: Harold Leighton (Metlakatla) and Councillors	Environmental Assessment Methodology Consultation			Complete

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
10-May-2013	Letter From: Anna Osborne, (Metlakatla Environmental Assessment Coordinator) To: Jack Smith (Project Manager, CEAA) Cc: Harold Leighton (Chief Councillor, Metlakatla); Ross Wilson (Metlakatla Stewardship Director)	Accidents and Malfunctions Hydrocarbon spills Shipping collisions Power selection Cumulative Effects Coast Tsimshian interests to the LAA area Consultation Selection of Valued Component RAA boundaries Baseline conditions	<ul style="list-style-type: none"> • Sufficiency of spill response information • Existence of contingency plans • Adequacy of emergency systems • Impact of additional support vessels and traffic during construction operations • Consideration of alternative energy generation scenarios for the terminal • Sufficiency of a non-project specific, strategic level cumulative impact assessment • Impact of cumulative projects on Metlakatla title, rights, interests and community wellbeing • Impact of increase in marine traffic on marine country food harvest quality and quantity • Sufficiency of cumulative effects assessment to include all foreseeable cumulative effects assessment • Sufficiency of cumulative effects assessment of projects to include: climate change • Cumulative effect of projects on use of lands and resources • Potential cumulative effects of Project from shipping • Consultation on Project specific cumulative effects, residual cumulative effects, environmental effects, impacts of the project on Aboriginal rights • Adequacy of length of time provided to give input during the EA • Consultation on follow up activity to monitor effects predictions, assumptions, and mitigation actions • Consultation on the selection of indicators, particularly key species indicators for VCs • Sufficiency of VC “Marine Resources” in capturing marine resources that may be affected • Accuracy of VC “Economic environment” stating that no adverse effects are anticipated • Adequacy of VCs to assess other geographic aspects • Adequacy of VCs to assess the physical aspects of the marine environment • Sufficiency of VC “Economic Environment” without including Metlakatla Village • Adequacy of “lumping approach” and use of “species of interest” as the key indicators for VC of “Terrestrial Wildlife” and “Marine Birds” • Sufficiency of LAA boundary for the VC “Human Ecological Health Section” without including Metlakatla Village • Adequacy of evaluation and identification of effects on traditional use, rights and title • Sufficiency of RAA selected for each VC • Sufficiency of RAAs for “Terrestrial Wildlife and Marine Birds” without inclusion of all Metlakatla/Venn Pass and Metlakatla Village • Sufficiency of RAAs for “Marine Resources” without inclusion of Metlakatla/Venn Pass and Metlakatla Village • Adequacy of RAA for “Marine Resources” and “Human and Ecological Health” without inclusion of a buffer around any marine disposal at sea site • Adequacy of RAA for “Current Use of Lands and Resources for Traditional Purposes” without inclusion of assessment of disposal at sea sites • Sufficiency of LAA boundaries for noise, ambient light, terrestrial 	Addressed as part of EA review under the Environmental Assessment Agreement	

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
			<p>wildlife and marine birds, economic environment, community health and well-being, visual quality, viewpoints, infrastructure and services.</p> <ul style="list-style-type: none"> • Consideration of viewpoints of stakeholders in EIS • Adequacy of scope of LAA boundary • Adequacy of LAA boundary without inclusion of Metlakatla Village for “Human and Ecological Health section” • Adequacy of LAA boundary for community health and well-being • Consultation on Temporal boundary for baseline conditions • Adequacy of baseline conditions list without inclusion of underwater acoustic field study • Consideration of local context and local issues for baseline data gathering in the marine environment • Relevancy of all baseline conditions if not pre-industrial • Inclusion of large scale industrial development of the Harbour and Ridley Island in the 1970s and early 1980s as the baseline for the “Current Use of Lands and Resources for Traditional Purposes” • Consultation and review of key comments and concerns provided before inclusion in the EIS • Determination of significance for environmental effects • Cumulative impacts of the Project on the environment • Adequacy of measurement of variables such as “resilience” • Sufficiency of species risk assessment • Impact of changes in the population on those who access and rely on the population • Adequacy and clarity of modelling methods and equations pertaining to baseline data • Impacts of the Project to the local marine environment • Consultation on the spatial and temporal boundaries that the EIS will use • Alternative assessment; Surficial Geology section of EIS • Adequacy of characterization of fish populations in EIS • Sufficiency of assessment of the Project impact on the marine species and habitat • Consultation on program design • Sufficiency of EIS without inclusion of marine environment in Surficial Geology section • Inclusion of information on marine bathymetry, currents, seismology, characteristics of the sediment, for the engineering and environmental planning for the Project • Impact of Project on the marine species and habitat • Sufficiency of EIS guidelines to reflect the socio-cultural realities of Metlakatla • Adequacy of Human Health Risk Assessment for this project considering levels of seafood consumption • Impact of Project on current access and use of lands and resources • Impact of Project on future use of lands and resources for all purposes 		
9-July-2013	<p>Letter From: Anna Osborne (Metlakatla) To: Gerry Fraser (PNW) Cc: Leighton, Harold (Metlakatla) Wilson, Ross (Metlakatla)</p>	<p>Archaeological Values Culturally Modified Tress Consultation</p>	<ul style="list-style-type: none"> • Impact of Project on architectural cultural heritage • Involvement in the monitoring of processes • Impact of Project on CMTs • Adequacy of guidance for treatment of CMTs on Lelu Island during Geophysical Surveys • Consultation in development of a process to prevent impact on CMTs 	<p>PNW LNG, working with Metlakatla and its consulting archaeologists, has developed protocols for handling of archaeological resources, including CMTs.</p>	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
13-Jul-2013	Email From: Cindy Rutherford, VP, PNW To: Ryan Leighton, Metlakatla	Economic Participation		<ul style="list-style-type: none"> Requests First Nations input regarding training and education initiatives 	In Progress PNW LNG remains willing to learn about Metlakatla's capacity for employment and training related to the Project
24-July-2013	Letter From: Kenneth Howes (BCEAO) To: Harold Leighton (Metlakatla) and Councillors (Received by Email By: Michael Lambert, PNW LNG From: Ken Howes, Project Assessment Manager, BCEAO on 09-Sep-2013)	Environmental Assessment Methodology Consultation	<ul style="list-style-type: none"> Environmental Assessment Involvement of Metlakatla with project Comments to draft s. 11 order Consultation with Metlakatla Capacity funding dAIR Encloses (with letter): <ul style="list-style-type: none"> Draft s. 11 Order 		Complete
24-July-2013	Email From: Jennifer Lewis (Kleanza) To: Gerry Fraser (PNW)	Consultation Archaeological Values Culturally Modified Trees	<ul style="list-style-type: none"> Consultation on schedule, project scope, and borehole locations Impact of Project on CMTs and archeological resources 	PNW LNG responded and worked with Metlakatla to implement better communications on geotechnical investigation and developed a mutually agreed protocol for handling archaeological resources.	Complete
25-July-2013	Email From: Gerry Fraser (PNW) To: Anna Usborne (Metlakatla)	Field Studies		Advises Metlakatla of upcoming environmental assessment field studies on Lelu Island includes Studies on Fish & Fish Habitat and soil baseline surveys	Complete
20-Aug-2013	Letter From: Anna Usborne (Metlakatla) To: Kenneth Howes (BCEAO) (Received by Email By: Michael Lambert, PNW From: Ken Howes, Project Assessment Manager, BCEAO on 09-Sep-2013)	Consultation	<ul style="list-style-type: none"> Environmental Assessment process <ul style="list-style-type: none"> Engagement / Consultation Funding Comments on s. 11 Order components 	PNW LNG has entered into an Environmental Assessment Agreement with Metlakatla. It provides capacity funding for the EA process. Metlakatla is completing a Traditional Use Study, Socio-Economic Impacts Assessment, an Alternative Disposal at Sea report and other activities.	In Progress: Capacity funding provided. Completion of studies and consultation on their results pending.
17-Sep-2013	Email From: G. Wouters (Metlakatla) To: C. Rutherford (PNW) and D. Camp (BLG)	Consultation	Requested meeting to follow up on conversation	C. Rutherford (PNW) responded by email 17-Sep-2013 G. Wouters (Metlakatla) was to get back to PNW LNG re: discussions with Chief Harold Leighton (Metlakatla) for counter proposal. Requested confirmation.	In Progress
18-Sep-2013	Email From: Grace Chow (PNW) To: Harold Leighton (Metlakatla)	Habitat and Wildlife Studies		Information Distribution: Reports delivered via email of 18-Sept-2013 from Grace Chow (PNW) to Harold Leighton (Metlakatla) Consultation on EA technical reports: Draft Geotechnical Investigation - Environmental Monitoring Report Draft Technical Data Report for Vegetation and Wetlands Draft Technical Data Report for Terrestrial Wildlife and Marine Birds	Complete
7-Oct-2013	Comments: From: Anna Usborne To: BCEAO	Shipping collisions Cumulative Effects Consultation	<ul style="list-style-type: none"> Impact of weather on construction and operations Effect of potential contamination effecting health of members Adequacy of scope of projects included for cumulative effects 	PNW LNG replies to Metlakatla via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Metlakatla's comments and provided a reply for each of those	Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
		Selection of Valued Components RAA boundaries Baseline conditions Effects on marine ecosystems	assessment <ul style="list-style-type: none"> • Adequacy of assessment on marine impacts related to increased traffic and shipping • Consultation on significance of cumulative effects • Adequacy of EA to consider effects of climate change • Impacts of Project on traditional use areas and resources • Impacts of Project on Metlakatla’s interests • Consideration of Metlakatla’s concerns in EA process • Accuracy of strength of claim assessment by BC • Consultation on impacts to Aboriginal rights and title. • Adequacy of scope of boundaries for RAA and LAA • Adequacy of scope of RAA for disposal at sea • Sufficiency of Terrestrial Wildlife and Marine Birds and Marine Resources VC’s without inclusion of inclusion of Metlakatla/Venn Pass and Metlakatla Village • Sufficiency of scope of LAA boundaries for noise, ambient light, terrestrial wildlife and marine birds, economic environment, community health and well-being, visual quality, viewpoints, infrastructure and services. • Sufficiency of methodology for baseline studies, including marine mammal surveys • Accuracy of use of pre-industrial baselines • Selection of indicators; breadth of “Marine Resources”; • Effects of Project under “Economic Environment”; • Sufficiency of geophysical analysis • Accuracy of use of “species of interest” as indicator for “Terrestrial Wildlife and Marine Birds” • Sufficiency of methodology for baseline studies, including marine mammal surveys • Sufficiency of consideration of interaction of Valued Components • Sufficiency of EA process for consideration of alternative means assessment, integration of Metlakatla land use plans, inclusion of community health in Metlakatla village • Sufficiency of methodology for marine mammal surveys • Effects of Project on juvenile species, including crab, eulachon, groundfish and salmon; • Effects of dredging • Impact of Project on Metlakatla fishers • Effects of lights and noise in shipping corridor • Adequacy of analysis of economic effects 	comments. PNW revised the dAIR in consideration of the comments provided by Metlakatla. Attaches: Table of Responses to Metlakatla Comments re: dAIR	
8-Oct-2013	Information distribution From: Michael Lambert (PNW) To: Harold Leighton (Metlakatla)	Consultation Technical Reports		Gerry Fraser (PNW) delivered two volumes of technical reports to Metlakatla for review and comment including: <ul style="list-style-type: none"> • Air Quality Model/Detailed Air Quality Dispersion Modeling Plan • Flare Study Report • Wind Study • Wind Analysis- Holland Rock • Berth Cross-Section Drawing • Berth Drawing • Breasting Dolphins Drawing • CEAA 2012 Cumulative Effects Policy • Containment Boom Drawing • Environmental Basis of Design 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
				<ul style="list-style-type: none"> • Index of Marine Intra-Structure Drawings • Map of Terrestrial and Marine Borehole Locations • Materials Off-Load Facility and Turning Basin Drawing • Materials Off-Load Facility Dock Drawing • Port Edwards Utility Connection Feasibility Study • Preliminary Bridge Design Report • Preliminary Pre-FEED Air Emissions, Wastewater Effluents and Waste Summary • Socio-Economic Statistical Profile • Trestle plan and Elevation Drawings • Bathymetry-Fugro-Data files available • Chatham Sound Eelgrass Study- Final Report • Dredging Report • Flora Bank Eelgrass Survey • Historical Tsunami Records • Marine Borehole Habitat Inspection- Memo • Marine Environmental Quality Report- Contaminant Risks • Marine Geophysical Survey Report • Marine Reconnaissance Survey- Memo • Marine Sediment Survey Workplan • Marine Traffic and Berth Availability Study • Siting Jetty Trestle near Flora Bank- Memo • Preliminary Bathymetry Coverage Area- McElhanney • Archeology Inventory Report • Assessment of Bog and Peat Deposits • Environmental Field Study- Memo • Geological Reconnaissance • LiDAR Report • Map- Known Archeological Sites on Lelu • Onshore Borehole Inspection Results- Archaeological Results/Survey • Phase I- Contaminated Site Environmental Assessment • Technical Data Report for Vegetation and Wetlands • Technical Data Report for Wildlife and Marine Birds • Marine Geo-Technical WQ Monitoring 	
10-Oct-2013	Notes From PNW and Metlakatla Meeting of Oct 10, 2013	Consultation	<ul style="list-style-type: none"> • Anna Usborne requests a field visit to Lelu 	Field trip to review results of geotechnical investigation provided	Complete
21-Oct-2013	Information distribution By email commencing October 20, 2013 to October 21, 2013 Between: Gerry Fraser (PNW) and Anna Usborne (Metlakatla)	Consultation		Attaches: Stantec Geotechnical Investigation - Environmental Monitoring Report, August 2013.	Complete
22-Oct-2013	Email: Commencing October 22, 2013 Between: Jane Hauser (Metlakatla) and Andy Hall (PNW)	Consultation		PNW accepts invitation to participate in the November 14th Metlakatla Stewardship Office Industry Day to present about the Project. Enclosed: Industry Day- Activities and Suggested Preparation	Complete: <ul style="list-style-type: none"> • Presented about the Project
25-Oct-2013	Email Commencing October 25, 2013 Between: Anna	Archaeological Values	<ul style="list-style-type: none"> • Impact of Project on archaeological values (evidence of shell midden) 	PNW LNG worked with Metlakatla and its consulting archaeologists to develop protocols for handling archaeological resources, including CMTs.	Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	Usborne (Metlakatla) Cc: Ross Wilson (Metlakatla)				
25-Oct-2013	Email From: Gerry Fraser (PNW) To: Anna Usborne (Metlakatla)	Economic Participation		Consultation on possibilities of how Metlakatla could be involved in project monitoring Attaches: PowerPoint presentation entitled "PNW LNG Lelu Island Summary of Pre-FEED and FEED Level Project Components".	In Progress: <ul style="list-style-type: none"> PNW LNG remains interested in learning about Metlakatla's capacity to participate in the Project.
29-Oct-2013	Email Commencing October 29, 2013 Between: Anna Usborne (Metlakatla Environmental Assessment Coordinator) and Gerry Fraser	Archeological Values	<ul style="list-style-type: none"> Monitoring for archaeological finds (evidence of shell midden) 	PNW LNG worked with Metlakatla and its consulting archaeologists to develop protocols for handling archaeological resources, including CMTs.	Complete
29-Oct-2013	Email Commencing October 29, 2013 ending November 1, 2013 Between: Gerry Fraser (PNW) and Anna Usborne (Metlakatla) Cc: Wilson, Ross (Metlakatla)	Archaeological Values		Attached to the email was the Pacific Northwest LNG Archaeological Resources Protocol, Draft Nov. 2013 <ul style="list-style-type: none"> archaeological deposits encountered unforeseen disturbance of cultural heritage resources procedures and practices for the removal of archaeological materials (primarily Culturally Modified Trees) 	Complete
30-Oct-2013	Email Between Andy Hall (PNW) and Gerry Fraser (PNW) and Anna Usborne (Environmental Assessment Coordinator Metlakatla)	Consultation		E-mail from Gerry Fraser (PNW) attaching PowerPoint reviewed at meeting <ul style="list-style-type: none"> Presentation reviews results and operations on geotechnical investigation 	Complete
6-Nov-2013	Email Commencing November 6, 2013 Between: Anna Usborne (Metlakatla Environmental Assessment Coordinator) and Gerry Fraser (PNW) and Stephanie Huddleston (Kleanza) cc: Judy Carlick-Pearson (Metlakatla)	Culturally Modified Trees	<ul style="list-style-type: none"> Impact of Project on CMTs Sufficiency of monitoring for CMTs that aren't clearly flagged Clarity of roles re: archeology Attaches: revised Chance Find Protocol 	PNW LNG worked with Metlakatla and its consulting archaeologists to develop protocols for handling archaeological resources, including CMTs.	Complete
07-Nov-2013	Letter From: Brian Clark, PNW LNG To: Chief Harold Leighton, Metlakatla			PNW LNG replies to Metlakatla's letter of 07-Oct-2013. PNW LNG attaches a document that catalogued all of Metlakatla's comments and provided a reply for each of those comments. PNW revised the AIR in consideration of the comments provided by Metlakatla. Attaches: <ul style="list-style-type: none"> Table of Responses to Metlakatla Comments re: dAIR 	Complete
14-Nov-2013	E-mail Between: Gerry Fraser (PNW) and Neil MacLoud (Stantec) and Anna Usborne (Metlakatla Environmental Assessment Coordinator)	Culturally Modified Trees	<ul style="list-style-type: none"> Impact of Project on CMTs Sufficiency of protocol if new arch find is discovered or a CMT has to be impacted for safety reasons 	PNW LNG worked with Metlakatla and its consulting archaeologists to develop protocols for handling archaeological resources, including CMTs.	Complete
19-Nov-2013	E-mail Between: Gerry Fraser (PNW) and	Archaeological Values	<ul style="list-style-type: none"> Mitigating damage to archaeological or heritage resources by adopting Chance Find and Management Protocol 	PNW LNG worked with Metlakatla and its consulting archaeologists to develop protocols for handling archaeological	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	Stephanie Huddleston (Kleanza)	Culturally Modified Trees	<ul style="list-style-type: none"> Enclosed: Archaeological Resources Chance Find and Management Protocol and Chance Find Cheat Sheet 	resources, including CMTs.	
26-Nov-2013	E-mail Between: Stephanie Huddleston (Kleanza), Anna Osborne (Metlakatla), and Gerry Fraser (PNW)	Culturally Modified Trees Consultation	<ul style="list-style-type: none"> Consultation with Metlakatla and Stantec re: monitoring and recording of CMTs is consistent Adequacy of monitoring Impact of the project on newly identified CMTs 	PNW LNG delivered Archaeological Inventory and map of in excess of 400 CMTs on Lelu Island.	In Progress: <ul style="list-style-type: none"> In addition to reports already transmitted, PNW LNG will delivered Archaeological Impact Assessment when it is complete.
27-Nov-2013	E-mail Between: Jane Hauser (Metlakatla) Gerry Fraser (PNW)	Capacity Funding	Enclosed: Environmental Assessment Agreement	PNW LNG has entered into an Environmental Assessment Agreement with Metlakatla. It provides capacity funding for the EA process. Metlakatla is completing a Traditional Use Study, Socio-Economic Impacts Assessment, an Alternative Disposal at Sea report and other activities.	In Progress: <ul style="list-style-type: none"> Capacity funding provided. Completion of studies and consultation on their results pending.
03-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla) and R. Wilson (Metlakatla)	Consultation		PNW LNG provides Metlakatla with Draft Plan for Procedural Aspects of Aboriginal Consultation for review and comment. PNW LNG follows up with Metlakatla by email on 06-Dec-2013 for a response. Metlakatla yet to review draft (on To-Do list) and respond.	In Progress
04-Dec-2013	Meeting	Disposal at Sea		PNWLNG and Stantec have a meeting to discuss Metlakatla project to determine appropriate sites for disposal at sea [Source: Stantec Monthly Progress Report, December 2013, dated 03 Jan 2014] 10-Dec-2013 PNW LNG provides Metlakatla with a summary of the Disposal at Sea Meeting Attendees: Anna Osborne (Metlakatla), Leslie Beckmann (Metlakatla), Gerry Fraser (PNW), Andrea Pomeroy (Stantec), David Fissell (ASL), and Andy Hall (PNW). Objectives: <ul style="list-style-type: none"> Develop process which Metlakatla can use community values to guide decision making on where, how and when and the appropriateness of disposing clean fill and sediment at sea in the Metlakatla Territory Identify potential Disposal at Sea sites and/or alternatives to be considered Draft Work Plan and Project deliverables Project Deliverables: <ul style="list-style-type: none"> Metlakatla to develop community report on marine values including traditional foods, social, cultural and seasonal use of territory and possible DAS management considerations PNW LNG to provide DAS Model framework and baseline/context information including turbidity, water clarity and charted information PNW LNG to prepare summary report dredge project including location, volume, contaminants, dredge operations Metlakatla to prepare community based decision process to assist in DAS site selection PNW LNG (ASL) to prepare a summary report on modeling 	In Progress

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Metlakatla					
				<ul style="list-style-type: none"> of sediment dispersion of DAS options and/or alternatives Metlakatla and PNW LNG to provide assessment and comparison of potential impacts of candidate sites on community values, fish and fish habitat, and project feasibility 	
06-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla)	Consultation CMTs BDP 2		PNW LNG distributed the following: <ul style="list-style-type: none"> Stantec Environmental Monitoring Report – Geotechnical Drilling Program – for week ending November 29, 2013, dated December 5, 2013 Stantec Map of Culturally Modified Trees on Lelu Island with Priority Bore Hole Locations, dated December 5, 2013 PNW LNG confirmed with Kleanza by email 09-Dec-2013 (copied to Metlakatla) that Kleanza, Stantec and Fugro will coordinate a site visit.	In Progress <ul style="list-style-type: none"> PNW LNG suggested Kleanza arrange visit with monitoring crew and add her assessment to confirm CMTs Site visit to be coordinated
06-Dec-2013	Information Distribution via Pick Up From: G. Fraser (PNW) To: A. Osborne (Metlakatla)	Consultation	<ul style="list-style-type: none"> Chief H. Leighton (Metlakatla) requests large map be delivered to him through A. Osborne (Metlakatla) 	PNW LNG confirms with A. Osborne (Metlakatla) she will deliver large map to Chief H. Leighton (Metlakatla).	Complete
09-Dec-2013	Letter From: A. Osborne (Metlakatla) To: G. Fraser (PNW)	Consultation	PNW LNG Plan for Procedural Aspects of Aboriginal Consultation Draft <ul style="list-style-type: none"> Metlakatla concerned over the language used in the objectives under the “Procedural Aspects of Consultation” and “Activities” sections. Metlakatla explained that “Aggressive Project Timelines” should be included with key issues listed and would like to expand the issues under “Impacts to Fishing”. Under “Archaeological Values,” Metlakatla would like explicit identification of CMTs. Metlakatla is of the view that PNW should share draft reports with Metlakatla prior to submission to regulators to ensure concerns are fully captured. 	BCEAO confirms by email on 15-Jan-2014 that it is acceptable to provide the draft consultation reports to both First Nations and EAO at the same time	In Progress
10-Dec-2013	Information Distribution via Email From: A. Hall (PNW) To: A. Osborne (Metlakatla), L. Beckmann (Metlakatla), G. Fraser (PNW), A. Pomeroy (Stantec), D. Fissell (ASL), and B. Clark (PNW).	Disposal at Sea		10-Dec-2013 PNW LNG provides Metlakatla with a summary of the Disposal at Sea Meeting. <ul style="list-style-type: none"> See above for description of meeting 	In Progress
10-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla)	Consultation BDP 2 Chance Find Protocol		PNW LNG distributes to Metlakatla: <ul style="list-style-type: none"> Archaeological Chance Find Procedure re: BDP 2. Archaeological Resources Management and Chance Find Protocol 	Complete
14-Dec-2013	Information Distribution via Email From: A. Osborne (Metlakatla) To: G. Fraser (PNW)	Consultation Selection of VCs Environmental Impacts	As per agreement to provide socio economic baseline data Attaches: <ul style="list-style-type: none"> Metlakatla LNG SEIA Secondary Data Report (Final Report), December 6, 2013 Compass may contact PNW LNG directly Some additional primary data collection needed to conduct full analysis of Metlakatla VCs and complete SEIA (expected completion: April 2014)	19-Dec-2013 PNW LNG provided D. Angus (Compass RM)(Metlakatla) with preliminary responses to LNG Labour Profile - Table 1: Construction Phase and Table 2: Operations Phase G. Fraser (PNW) requested that information be kept confidential	In Progress
16-Dec-2013	Information Distribution via Email From: G. Fraser (PNW)	Consultation EA Agreement		PNW LNG provides an update on the status of the EA Agreement.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	To: A. Osborne (Metlakatla)	Capacity Funding		<ul style="list-style-type: none"> Confirmed the following deliverables completed to date: <ul style="list-style-type: none"> An interim TUS report An interim socio-economic report Comments to CEAA on EISG Comments to BCEAO on dAIR Comments on BCEAO Aboriginal Consultation Plan Full participation in CEAA Working Group Participation in several field studies undertaken by Stantec Comments and participation in the geotechnical investigation Comments on the archaeological Chance Find Protocol Preliminary work on Disposal at Sea project PNW LNG proposes a second advance of \$185,952, and Metlakatla agrees to this.	
16-Dec-2013	Email From: D. Angus, (Compass RM)(Metlakatla) To: G. Fraser (PNW)	Consultation	<ul style="list-style-type: none"> Metlakatla is undertaking preliminary data research as part of SEIA work Attached LNG Labour Profile for PNW LNG's feedback/response 	19-Dec-2013 PNW LNG provided preliminary responses to LNG Labour Profile - Table 1: Construction Phase and Table 2: Operations Phase G. Fraser (PNW) requested that information be kept confidential	In Progress PNW LNG indicated that more detailed responses can be provided in mid-2014
19-Dec-2013	Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla)	Consultation		PNW LNG gives an update to Metlakatla on upcoming technical data reports and draft EA chapters to be provided electronically	Complete
23-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla) Cc: R. Wilson (Metlakatla)	Consultation		PNW LNG sends draft record of consultation to Metlakatla and welcomes feedback: <ul style="list-style-type: none"> Narrative Summary of Consultation Appendix I - Table of Interactions Appendix II - Participation in Field Studies Appendix III Technical Reports Distribution List 	In Progress
14-Jan-2014	Letter via Email From: K. Howes (BCEAO) To: A. Osborne (Metlakatla) Cc: M. Lambert (PNW)	dAIR s. 11 order Selection of VCs Environmental Impacts Consultation Aboriginal rights and title	RE: Metlakatla's Comments on draft s. 11 Order and dAIR s. 11 comments from August 20, 2013 <ul style="list-style-type: none"> CEAA and EAO will conduct full EA of project dAIR includes VCs for assessment, discussed at working group conference call Potential impact on Metlakatla's interests and opportunity to comment on VC selection EAO will conclude on seriousness of potential effects on Aboriginal rights and title Consultation Aboriginal Consultation Plan to First Nations circulated by PNW LNG Research to identify potential impacts to Aboriginal groups Re: Metlakatla's October 7, 2013 Letter: <ul style="list-style-type: none"> Cumulative effects to be assessed as part of EA process 	14-Jan-2014 Information Distribution: From: G. Fraser (PNW LNG) shared a hard copy of EA jetty design prepared by Stantec to R. Wilson (Metlakatla). A. Osborne was sick and could not meet. R. Wilson (Metlakatla) feedback: <ul style="list-style-type: none"> Are the breakwaters necessary? What was the nature of the dredge material? G. Fraser (PNW) response: <ul style="list-style-type: none"> For EA purpose, the design showed breakwaters but if further study says not needed, will not build them Re: dredge - would be all soft sediment; need to dredge roughly 11m Reminded R. Wilson – EA Agreement study looking at Disposal at Sea 	Complete
24-Jan-2014	Information Distribution: via Email From: G. Fraser (PNW) To: A. Osborne (Metlakatla)	Consultation CMTs BDP 2		PNW LNG distributed the following: <ul style="list-style-type: none"> Stantec Environmental Monitoring Report – Geotechnical Drilling Program – for week ending January 17, 2014 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
				<ul style="list-style-type: none"> Stantec Map of Culturally Modified Trees on Lelu Island with Priority Bore Hole Locations, dated January 21, 2014 <p>Boat that the sediment sampling crew is using is too small for Metlakatla to use to monitor</p> <p>G. Fraser suggested Stantec could call to advise and Metlakatla could attend in their fisheries boat.</p>	
21-Jan-2014	<p>Information Distribution: via Email</p> <p>From: M. MacEwen (PNW)</p> <p>To: H. Leighton (Metlakatla)</p>	<p>Archaeological Values</p> <p>Fresh water and fish habitat</p> <p>Marine ecosystems</p> <p>Habitat and Wildlife Studies</p> <p>Environmental Impacts</p> <p>Vegetation and Wetlands</p> <p>Terrestrial Wildlife and Marine Birds</p>		<p>PNW LNG distributed the following reports:</p> <ul style="list-style-type: none"> Archaeological Inventory – Lelu Island report, November 27, 2013 Archeological Impact Assessment – Geotechnical Drilling Program, November 27, 2013 Draft Technical Data Report for Vegetation and Wetlands, September 2013 Draft Technical Data Report – Terrestrial Wildlife and Marine Birds, September 2013 Draft Rev. B Technical Data Report – Marine, October 2013 Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	Complete
27-Jan-2014	<p>Email</p> <p>From: J. Hauser (Metlakatla)</p> <p>To: G. Fraser (PNW)</p> <p>Cc: A. Hall (PNW), A. Osborne (Metlakatla)</p>	<p>Consultation</p> <p>Marine ecosystems</p> <p>Selection of VCs</p> <p>Cumulative Effects</p>	<p>Attaches:</p> <p>Metlakatla’s response dated 27-Jan-2014 to consultation package sent by PNW LNG on 23-Dec-2013.</p> <p>Issues:</p> <ul style="list-style-type: none"> Transport Canada’s strength of claim assessment and recognition of Metlakatla’s unique claim to Prince Rupert Harbour Tools and information available for predicting impacts of climate change on biophysical VCs. How small boat traffic uses and navigates the waters in/out Prince Rupert Harbour Compensation as mitigation option and assessment case-by-case Skeena Estuary Conservation Initiative Jetty-trestle location and discussion re marine infrastructure Effects of lights and noise created by large vessels is with respect to wildlife, visual quality and Aboriginal mariners and traditional harvesters 	<p>PNW LNG updated summary of consultation to reflect Metlakatla’s concerns.</p> <p>18-Feb-2014 PNW LNG provides Metlakatla with:</p> <ul style="list-style-type: none"> Summary of Consultation – Redlined version showing changes made Table of Consultations with First Nations – Redlined version showing changes made Metlakatla First Nations Studies Participation – Updated to January 2014 	In Progress
27-Jan-2014	<p>Email</p> <p>From: G. Fraser (PNW)</p> <p>To: A. Osborne (Metlakatla)</p>	<p>Habitat and Wildlife Studies</p> <p>Socio-economic study</p> <p>TUS</p> <p>AIA</p> <p>dAIR</p>		<p>PNW LNG summarized action items from the 21-Jan-2014 telephone call.</p> <ul style="list-style-type: none"> Marine infrastructure re: Jetty FTP site with EA reports and feedback Traditional Use Study Archaeological Impact Assessment and feedback from Metlakatla DAS Wood BDP 2 – nearshore boreholes and additional Metlakatla monitors dAIR comments Socio-economic study Skeena Estuary Management proposal and feedback from Metlakatla 	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
29-Jan-2014	Information Distribution via Email From: M. MacEwen (PNW) To: Chief H. Leighton (Metlakatla) Cc: A. Osborne (Metlakatla)	Consultation AIA		PNW LNG provides a link to download the report entitled "Proposed LNG Facility Site on Lelu Island: An Archaeological Impact Assessment" dated 31-Dec-2013.	Complete
29-Jan-2014	Information Distribution via Email From: B. Clark (PNW) To: A. Osborne (Metlakatla) Cc: G. Fraser (PNW)			PNW LNG again distributed the following reports (A. Osborne did not receive email from 21-Jan-2014): <ul style="list-style-type: none"> Archaeological Inventory – Lelu Island report, November 27, 2013 Archeological Impact Assessment – Geotechnical Drilling Program, November 27, 2013 Draft Technical Data Report for Vegetation and Wetlands, September 2013 Draft Technical Data Report – Terrestrial Wildlife and Marine Birds, September 2013 Draft Rev. B Technical Data Report – Marine, October 2013 Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	Complete
30-Jan-2014	Email From: R. Leighton (Metlakatla) To: G. Fraser (PNW)	Consultation	<ul style="list-style-type: none"> Requested information re FEED contractors so they can contact Metlakatla's Operations Managers on the marine/air side Stressed importance of constant contact between PNW contractors and Metlakatla 	30-Jan-2014 <ul style="list-style-type: none"> G. Fraser (PNW) provided information by email re FEED contractors Noted there are other contracting opportunities for subcontractors PNW LNG acknowledges Metlakatla's comment re relationships with contractors 	Complete
31-Jan-2014	Information Distribution via email From: G. Fraser (PNW) To: A. Osborne (Metlakatla) and J. Hauser (Metlakatla)	Consultation dAIR		PNW LNG sends second round of dAIR responses. Outstanding items to be the subject of further discussion at the Work Group meeting or between Metlakatla and PNW LNG. Requested A. Osborne to review and comment.	In Progress Outstanding items to be the subject of further discussion at the Work Group meeting or between Metlakatla and PNW LNG.
04-Feb-2014	Email Between: G. Fraser (PNW) And: A. Osborne (Metlakatla) and J. Hauser (Metlakatla)	Consultation dAIR Environmental Assessment	<ul style="list-style-type: none"> Re-submission of dAIR to BCEAO Discussion of outstanding issues 	05-Feb-2014 PNW LNG would still like to meet with Metlakatla to discuss their concerns and how they can be addressed going forward. Telephone call scheduled for 20-Feb-2014 (confirmed on 18-Feb-2014)	Complete
14-Feb-2014	Email From: A. Osborne (Metlakatla) To: G. Fraser (PNW)	TUS	<ul style="list-style-type: none"> Metlakatla is addressing the final TUS report for PNW LNG internally TUS report being reviewed by R. Diaz 	PNW LNG requests that they be apprised.	In Progress
18-Feb-2014	Information Distribution Letter via Email From: M. Lambert (PNW) To: Chief H. Leighton (Metlakatla) Cc: A. Osborne (Metlakatla)	Consultation Marine ecosystems Selection of VCs Cumulative Effects		PNW LNG provides Metlakatla with: <ul style="list-style-type: none"> Summary of Consultation – Redlined version showing changes made Table of Consultations with First Nations – Redlined version showing changes made Metlakatla First Nations Studies Participation – Updated to January 2014 	In Progress
19-Feb-2014	Information Distribution Letter via Email			PNW LNG provides Metlakatla with: <ul style="list-style-type: none"> Final dAIR document with tracked changes, Feb-2014 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	From: B. Clark (PNW) To: Chief H. Leighton (Metlakatla) Cc: A. Osborne (Metlakatla)			<ul style="list-style-type: none"> Table of dAIR working group comments Also copied to B. Nelson (CEAA), K. Howes (BCEAO) and A. Pomeroy (Stantec) via e-mail. 20-Feb-2013 BCEAO provides Metlakatla with letter confirming acceptance of dAIR	
20-Feb-2014	Teleconference Between: B. Clark (PNW), A. Osborne (Metlakatla), J. Hauser (Metlakatla), and A. Pomeroy (Stantec)	Consultation			In Progress
24-Feb-2014	Information Distribution via Letter From: M. Lambert (PNW) To: A. Osborne (Metlakatla)	Environmental Assessment EIS		PNW LNG delivers EIS and Application for EA Certificate.	In Progress
26-Feb-2014	Information Distribution via Courier From: Stantec To: Chief H. Leighton (Metlakatla) And to: A. Osborne (Metlakatla)	Environmental Assessment		Stantec delivered EA Application to First Nation via courier.	In Progress
27-Feb-2014	Meeting Attendees: A. Osborne (Metlakatla), J. Hauser (Metlakatla), L. Beckmann (Metlakatla), G. Fraser (PNW), D. Fissel, ASL (PNW), A. Hall (PNW)	Consultation Marine ecosystems		DAS Meeting between PNW LNG and Metlakatla. Agenda: <ul style="list-style-type: none"> PNW update on marine infrastructure and dredging requirements Metlakatla update on community engagement D. Fissel overview of Skeena R. Sediment plume/turbidity assessment PNW EA results for marine sediments and draft offset options Next steps Material provided: <ul style="list-style-type: none"> PNW PowerPoint on marine infrastructure, sediment assessment and marine offset options ASL PowerPoint on Skeena River plume and Turbidity Metlakatla draft marine value maps presented as examples December 2013 DAS workplan Next Steps: <ul style="list-style-type: none"> Metlakatla to finalize valued species mapping and prepare Dredge 101 presentation ASL to provide information on Skeena sediment, develop sediment models for 4 options and run DAS model option PNW to provide to Metlakatla and ASK dredge details, choose alternate disposal location and Schedule Stantec to meet with team Next Meetings: <ul style="list-style-type: none"> 1-May-2014, 5-Jun-2014, 3-Jul-2014 	In Progress
04-Mar-2014	Letter via Email From: A. Osborne (Metlakatla) To: G. Fraser (PNW)	Consultation Environmental Assessment CMTs	Metlakatla comments in a letter dated 03-Mar-2014 to PNW Lelu Island Archaeological Inventory and Archaeological Impact Assessment Reports. Issues: <ul style="list-style-type: none"> Analyzing and addressing Culturally Modified Trees 		In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
		AIA	<ul style="list-style-type: none"> Conclusions drawn by Millenia in AIA research 		
06-Mar-2014	Letter via Email From: A. Hall (PNW) To: Chief H. Leighton (Metlakatla)	Consultation Environmental Assessment		PNW LNG acknowledges that there may be concerns regarding the EIS and Application. PNW LNG welcomes First Nations community to discuss the Project at the meetings proposed by PNW.	In Progress
10-Mar-2014	Letter via Email From: A. Osborne (Metlakatla) To: K. Howes (BCEAO) Forwarded by: K. Howes (BCEAO) To: M. Lambert (PNW), B. Clark (PNW), L. Jones (PNW)	Consultation Environmental Assessment dAIR	<ul style="list-style-type: none"> Information gathering (i.e. field studies, desktop reviews, etc.). Assessment of marine environment and impacts 	PNW LNG responds to Metlakatla by email 12-Mar-2014. Proposed to set a meeting in Prince Rupert to discuss the concerns and options for resolution in detail	In Progress
12-Mar-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation Environmental Assessment		Response to Anna Osborne's letter to Kenneth Howes (BCEAO) dated March 7, 2014 Proposed to set a meeting in Price Rupert to discuss the concerns and options for resolution in detail	In Progress
12-Mar-2014	Email From: A. Osborne (Metlakatla) To: A. Hall (PNW)	Consultation Environmental Assessment	<ul style="list-style-type: none"> Metlakatla engaging in review of AIR Issues carried from AIR and new items from screening will be identified in Metlakatla's screening review submission to the Province 	PNW LNG offers assistance with any questions or points needing clarification during screening process.	In Progress
13-Mar-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation Environmental Assessment		PNW LNG asks for Metlakatla to contact them with any questions regarding DAS work and the EA Application. PNW LNG also follows up on offer to attend community to provide overview of EA Application and discuss EA related issues.	In Progress
21-Mar-2014	Letter via Email From: A. Osborne (Metlakatla) To: K. Howes (BCEAO), E. Hubert (BCEAO) Cc: Chief H. Leighton (Metlakatla) Email Forwarded From: K. Howes (BCEAO) To: B. Clark (PNW), A. Pomeroy (Stantec)	Consultation Environmental Assessment Aboriginal rights and title Marine ecosystems Selection of VCs Cumulative Effects Habitat and Wildlife Studies Socio-economic study TUS	<ul style="list-style-type: none"> Screening time period Sections Metlakatla was unable to review: <ul style="list-style-type: none"> s. 6 – Air quality s. 10 – Vegetation and Wetland Resources s. 12 – Freshwater Aquatic Resources s. 17 – Visual Quality s. 22 – Accidents or Malfunctions s. 24 – Environmental Management Plans s. 30 – Follow-up Program and Compliance Reporting Appendices (only the Wetland Compensation Plan was reviewed) Issues: Extrapolation of biophysical impacts of Project to effects by First Nations (i.e. Traditional Uses, rights and title) Definitions and parameters assigned re: selection of VCs Metlakatla's Traditional Use and Socio-economic studies Disposal At Sea Mitigation measures and future planning Baseline studies and analysis <p>Attaches:</p> <ul style="list-style-type: none"> Table of Concordance with Metlakatla's comments 		In Progress
25-Mar-2014	Letter via Email From: K. Howes (BCEAO) To: Chief H. Leighton (Metlakatla)	Consultation Environmental Assessment		BCEAO confirms that PNW LNG's Application for an EA Certificate was found to contain required information specified in the final AIR. 180-day review process has begun.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	Cc: M. Lambert			<p>Draft Assessment Report will be circulated by BCEAO in 4-5 months to Working Group</p> <p>First Nation can submit separate submission to EAO to be provided to Ministers</p> <p>Proposed Project available on EAO website.</p> <p>25-Mar-2014 CEAA emailed the Working Group Members re: the Application screening and updates to same. Also provided FTP link for EIS Application. CEAA requests detailed feedback by 01-May-2014 and provides details on Working Group meetings and open houses.</p> <p>Attaches:</p> <ul style="list-style-type: none"> PNW LNG EIS Comment Table (template) 	
26-Mar-2014	Meeting Between: KBR and R. Leighton (Metlakatla)			Meeting at McElhanney office and in Prince Rupert	Complete
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief H. Leighton (MET)	EA EIS		PNW LNG again asks for the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress
01-Apr-2014	Meeting Between: A. Hall (PNW) and A. Osborne (Metlakatla)	EA Agreement Capacity Funding SES TUS DAS Environmental Assessment	<ul style="list-style-type: none"> TUS Report Socio-economic study Disposal at Sea project Field Work Safety Project EA Application Screening and Review Budget accounting Disposal at sea location 	<p>Metlakatla EA Funding Agreement and quarterly funding report reviewed.</p> <ul style="list-style-type: none"> TUS near completion. Metlakatla will meet with consultant 02-Apr-2014 to find out when final document will be submitted SES interim report provided in fall; final report will be submitted 30-May-2014 after completion of Metlakatla community meetings DAS community meeting scheduled 05-May-2014 to review mapping products – final traditional values report due 30-May-2014 Field Work Safety Project – no progress made. Lance S going to offer guidance EA Application Screening – complete EA Application Review – ongoing; Metlakatla has engaged consultant to assist with portion of process Budget accounting – PNW and Metlakatla agree that Metlakatla provide accounting of funds spent to date on projects in the near future <p>Metlakatla agreed with doing Stephens Island DAS assessment, but reiterates this is an area of concern with Metlakatla.</p> <p>16-Mar-2014 PNW LNG confirms they will hold off of Stephens Island.</p>	<p>In Progress</p> <p>Metlakatla will get back to PNW re: final TUS report</p>
03-Apr-2014	Letter via Email From: A. Osborne (Metlakatla) To: K. Howes (BCEAO) Cc: Chief H. Leighton (Metlakatla) Forwarded on 05-Apr-2014: From: K. Howes (BCEAO)	Environmental Assessment EIS	<p>RE: PNW LNG EA Screening Process - Response to Metlakatla's Comments</p> <ul style="list-style-type: none"> Metlakatla surprised PNW LNG Application formally accepted two working days after First Nations and stakeholders of Working Group submitted comments. Metlakatla requests a response from BCEAO to each of their screening comments Metlakatla invites BCEAO to contact A. Osborne to discuss 	03-Apr-2014 PNW LNG contacts Metlakatla by email to set up meeting.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	To: L. Jones (PNW) and M. Lambert (PNW)				
03-Apr-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation TUS		PNW LNG follow-up on Metlakatla's meeting with TUS consultant and further submission. Requested post-Working Group Meeting	In Progress
09-Apr-2014	Email From: A. Osborne (Metlakatla) To: A. Hall (PNW)	Consultation TUS Environmental Assessment	<ul style="list-style-type: none"> Proposal for "side table" for EA Thanked A. Hall for chat yesterday 	PNW LNG suggested meeting 16-Apr-2014 mid afternoon 14-Apr-2014 PNW LNG asked for update on "side table"	In Progress
08-Apr-2014	Meeting Information Distribution Attendees: Working Group Members	Environmental Assessment		PNW LNG presented 8 EA Health PowerPoint presentations.	Complete
16-Apr-2014	Letter via Email From: G. Kist (PNW) To: Chief H. Leighton (Metlakatla) Cc: L. Jones (PNW)	Consultation		PNW LNG invites Metlakatla to attend a tour of the PETRONAS LNG Facility in Bintulu, Malaysia during the week of May 11-17, 2014 PNW LNG offers to cover airfare, accommodation and meals.	In Progress
16-Apr-2014	Meeting Attendees: M. Lambert (PNW), L. Jones (PNW), B. Clark (PNW) and A. Osborne (Metlakatla)	EA Agreement Capacity Funding Consultation DAS	<ul style="list-style-type: none"> Payment schedules Side table between CEAA, Metlakatla and PNW LNG ST Topics EA next steps and setting time to discuss the Project DAS and community understanding 	PNW LNG reviewed EA Agreement deliverables. funding schedules and summary of payments made to Metlakatla to date. Metlakatla agreed on payments made to date. Summary provided to Metlakatla and agreed to. PNW LNG RE: Side table: Metlakatla confirmed PNW LNG understanding of leadership level discussions between CEAA, Metlakatla and PNW LNG. RE: ST Topics: Metlakatla agreed with PNW LNG suggestion that topics review methodology need to be thought out at technical step. PNW re-iterated would like to attend community with Stantec to discuss project RE: DAS: PNW LNG provided overview re: Hatch and ASL re Agnew Bank. Still working with Metlakatla.	In Progress
17-Apr-2014	Information Distribution via Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Capacity Funding		PNW LNG sends Metlakatla an EA Funding payment schedule as at 15-Apr-2014	In Progress
28-Apr-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: A. Osborne (Metlakatla) Cc: B. Clark (PNW), A. Pomeroy (Stantec), A. Hall (PNW)	Consultation Environmental Assessment Fish and fish habitat		PNW LNG thanked Metlakatla for participating in Working Group meeting. Further discussions in Vancouver 05-May-2014. PNW LNG invites Metlakatla with First Nations representatives to dinner to discuss opportunities for fish habitat offset program. 29-May-2014 PNW LNG sends follow-up email to Metlakatla.	In Progress
30-Apr-2014	Email From: G. Fraser (PNW) To: L. Beckmann (Metlakatla)	Consultation	<ul style="list-style-type: none"> Interaction of Project and ecosystem components Impact assessment Baseline information 	RE: ASL modelling question L. Beckmann to work directly with D. Fissel and will discuss with A. Osborne if slides sufficient for 08-May-2014 workshop.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	Cc: A. Osborne (Metlakatla)			PNW LNG would like meeting to proceed.	
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief H. Leighton (Metlakatla) Cc: A. Osborne (Metlakatla), L. Jones (PNW)	Consultation First Nations Job Opportunities		PNW LNG notifies Metlakatla of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
09-May-2014	From: C. Ponsford (CEAA) To: M. Lambert (PNW) Cc: PNW LNG Technical Working Group members	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> • Marine Resources • Wildlife and Marine Birds • Air Quality • Human Health • Aboriginal Groups 		In Progress
12-May-2014	From: K. Howes (BCEAO) To: Working Group members	Environmental Assessment		No action by PNW LNG required. BCEAO delivers a draft table of EAO LNG Projects, outlining Working Group meetings and review periods (to May 2, 2014)	Complete
13-May-2014	Letter via Email From: B. Clark (PNW) To: A. Osborne (Metlakatla)	Consultation Environmental Assessment Marine offset		PNW LNG invites Metlakatla to participate in field trip/boat trip for week of June 9-10, 2010 to help explore habitat offset ideas and introduces David Gordon with Stantec 02-Jun-2014 PNW LNG sends follow-up email to Metlakatla.	In Progress
13-May-2014	Information Distribution via Email From: A. Osborne (Metlakatla) To: A. Hall (PNW) Cc: R. Wilson (Metlakatla) and R. Diaz (Metlakatla)	Consultation TUS	<ul style="list-style-type: none"> • Metlakatla sends to PNW LNG Metlakatla First Nation Traditional Land Use and Ecological Knowledge of the Proposed Pacific NorthWest LNG Project Final Report, May 13, 2014. 		Complete
27-May-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation AIA CMTs		PNW LNG invites Metlakatla to participate in a meeting with Kleanza and M. Elderidge (Millennia Research) on June 4, 2014 to review AIA document comments and discuss CMT Management Plan/Protocol 04-Jun-2014 – Kleanza unavailable for 18-Jun-2014 and requests to be kept informed of any future meetings.	In Progress
28-May-2014	Information Distribution via Email From: C. Anderson (CEAA) To: Chief H. Leighton (Metlakatla) and A. Osborne (Metlakatla) Cc: M. Lambert (PNW)	Consultation Environmental Assessment EIS	CEAA provided a copy of the Information Requests tables sent to PNW LNG dated May 13, 2014 and May 21, 2014.		Complete
28-May-2014	Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of the Working Group EIS Comments: <ul style="list-style-type: none"> • Email from Catherine Ponsford (CEAA) to Working Group members dated May 26, 2014 • Email from Catherine Ponsford (CEAA) to Environment Canada (EC), Pacific Northwest (PNW), BCEAO and Stantec, dated May 27, 2014 • Email from Nick Russo (EC) to Catherine Ponsford (CEAA) May 23, 2014. • Record of Discussion - PNW LNG Project - PNW LNG, EC and CEAA May 21, 2014, 3pm, CEAA office in Vancouver • Draft EIS/Application Review Working Group Comments • Draft EIS/Application Review Federal Information Request • Record of Discussion - PNW LNG Project - DFO, PNW LNG, CEAA, May 	No action by PNW LNG required.	Complete

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Metlakatla					
			20, 2014, 9:30 a.m., DFO Office, Nanaimo		
29-May-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided the meeting agendas for June 9, 10 and 12, 2014	No action by PNW LNG required.	Complete
29-May-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: A. Osborne (Metlakatla) Cc: B. Clark (PNW), A. Pomeroy (Stantec), A. Hall (PNW)	Consultation Environmental Assessment Fish and fish habitat		PNW LNG follows up with Metlakatla to April 28, 2014 email RE: EA Working Group - Fish Habitat Offsets PNW LNG invites Metlakatla to dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities	In Progress
30-May-2014	Information Distribution via Email From: J. Thorne (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a Table of Federal Information Requests, May 28, 2014	No action by PNW LNG required.	Complete
02-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: A. Osborne (Metlakatla) Cc: B. Clark (PNW), A. Hall (PNW)	Consultation Environmental Assessment Marine Habitat Offset Strategy		PNW LNG follows up with Metlakatla to letter dated 13-May-2014 RE: PNW LNG Marine Habitat Offset Strategy PNW LNG to re-schedule field/boat trip to Lelu Island for June 17-18, 2014 due to CEAA Technical Sub-Working Group meetings. Follow-up email sent 16-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014.	In Progress
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief H. Leighton (Metlakatla)	Consultation First Nations Job Opportunities		PNW LNG notifies Metlakatla of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
04-Jun-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation AIA CMTs		RE: PNW LNG invitation Metlakatla to participate in a meeting with Kleanza and M. Elderidge (Millennia Research) to review AIA document comments and discuss CMT Management Plan/Protocol Kleanza unavailable for 18-Jun-2014 and requests to be kept informed of any future meetings.	In Progress
16-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: A. Osborne (Metlakatla)	Consultation Environmental Assessment Marine Habitat Offset Strategy		Follow up to email sent 02-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014	In Progress
18-Jun-2014	Meeting Attendees: A. Hall (PNW), A. Osborne (Metlakatla), and M. Eldridge (Millennia Research)	Consultation Environment Assessment Fish and fish habitat Marine Habitat Offset Strategy DAS Marine traffic and navigation	Metlakatla provided to PNW: <ul style="list-style-type: none"> DAS Metlakatla Position Paper Socio-Economic Study (Metlakatla to send 27-Jun-2014) 	PNW LNG to provide to Metlakatla: <ul style="list-style-type: none"> Trestle shapefile Draft Heritage Management Plan (Millennia) Map size CMT/Project location map EA Engagement summary table Note responses to IRs to be sent out shortly Millennia provided a status update on Arch Inventory Gap field work Next Steps: <ul style="list-style-type: none"> TUS/Socio-Economic – PNW LNG and Metlakatla are to meet (A. Osborne, R. Diaz, A. Hall and J. Swiscoe) to agree 	In Progress

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Metlakatla					
				<p>on key questions the studies can assist both Metlakatla and PNW LNG – schedule for early July 2014</p> <ul style="list-style-type: none"> • PNW LNG marine based model review topic including DAS, scour, marine navigation, fish habitat offset projects • Heritage Management Plan – meeting in late July 2014 (S. Huddleston, M. Eldridge, A. Osborne, A. Hall) – Metlakatla to review draft Heritage Management Plan re EA and further meeting to discuss details • PNW LNG / PRGT projects to check in to providing overview of how projects will be coordinated • EA Engagement Agreement budget – next payment 15-Jul-2014 	
23-Jun-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Consultation Social and economic effects to First Nations		<p>RE: Metlakatla Socio-Economic and Sea Documents for PNW</p> <ul style="list-style-type: none"> • PNW LNG Confirmed receipt of socio-economic report and DAS position paper from Metlakatla • PNW LNG will contact Metlakatla regarding next steps after review 	In Progress
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEAA Working Group’s comments tables and FTP site of updated memorandums.	No action from PNW LNG required.	Complete
24-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: The Working Group	Environmental Assessment		<p>Further to Working Group Meeting of 09-Jun-2014 CEAA provides to Working Group :</p> <p>Letter From: M. Lambert (PNW) To: C. Ponsford (CEAA) with attached:</p> <ul style="list-style-type: none"> • Table 1: List of Technical Memoranda. <p>No further action from PNW LNG required.</p>	Complete
25-Jun-2014	Email From: C. Anderson (CEAA) To: A. Osborne (Metlakatla) Cc: C. Ponsford (CEAA), K. Howes (BCEAO), M. Lambert (PNW), A. Pomeroy (Stantec)	Environmental Assessment Federal Information Requests		<p>CEAA requests for Metlakatla Advice on PNW LNG Responses to Information Requests</p> <p>Attaches:</p> <ul style="list-style-type: none"> • Table A - Metlakatla Comments and Advice on PNW IR Responses • Table B - PNW Responses to Federal Information Requests <p>No further action by PNW LNG required.</p>	In Progress
10-Jul-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Environmental Assessment CMTs GAP		PNW LNG provides an update regarding the CMTs and inter-tidal areas.	In Progress
17-Jul-2014	Email (forward) From: A. Osborne (Metlakatla) To: A. Hall (PNW)	Environmental Assessment Effects of noise Air Quality Visual Quality Marine Traffic	<p>Metlakatla forwards to PNW LNG: Email dated 09-Oct-2013 From: A. Osborne (Metlakatla) To: B. Nelson (CEAA) RE: PNW LNG Heritage Resources - Response</p>		Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
21-Jul-2014	Payment	Environmental Assessment Capacity Funding		<ul style="list-style-type: none"> Payment to First Nations re: EA Quarterly Funding- \$129,007.00 	Complete
22-Jul-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Environmental Assessment ROV		PNW LNG gives notice to Metlakatla regarding ROV Field Work and invites Metlakatla to participate.	Complete
25-Jul-2014	Email From: C. Anderson (CEAA) To: M. Lambert (PNW), A. Pomeroy (Stantec), A. Hall (PNW) Forwarding: Email dated 25-Jul-2014 From: A. Osborne (Metlakatla) To: Candace Anderson (CEAA)	Environmental Assessment IRs	CEAA provides to PNW LNG Metlakatla's comments on PNW LNG's IR responses: <ul style="list-style-type: none"> Comment tracking table Metlakatla Memo re: Critique of PNWLNG's "Follow-up Report on Sediment and Water Quality Associated with Construction of the Terminal Berth Area" and "Effects of Dredging and Disposal at Sea" Memorandum re: Review of Air quality related material of the PNW LNG EIS and EA Certificate Application PNW LNG EIS/Application Federal Information Request Letter from Anna Osborne (MET) to Kenneth Howes (BCEAO) and Catherine Ponsford (CEAA), July 24, 2014; PNW LNG EIS/Application 		In Progress
28-Jul-2014	Email From: A. Hall (PNW) To: A. Osborne, R. Diaz, J. Hauser (Metlakatla)	Environmental Assessment Consultation TUS DAS Environmental Impacts		PNW LNG summarizes key points respecting Metlakatla meeting re: TUS and provides interpretation of TUS process discussed in prior week. 29-Jul-2014 Stantec provides shapefiles (via ftp link). 06-Aug-2014 PNW follows up with Metlakatla regarding status of TUS project and a follow-up meeting.	In Progress
06-Aug-2014	Email From: A. Hall (PNW) To: A. Osborne, R. Diaz, J. Hauser (Metlakatla)	Environmental Assessment Consultation TUS DAS Environmental Impacts		PNW follows up with Metlakatla regarding status of TUS project and a follow-up meeting.	In Progress
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> Annex 1: Detailed Comments related to Disposal at Sea Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests PNW LNG Information Request - Additional Comments PNW LNG Information Request - Outstanding Information 	In Progress
20-Aug-2014	Email From: A. Osborne (Metlakatla) To: A. Hall (PNW)	Environmental Assessment Consultation TUS DAS Environmental Impacts	Metlakatla proposes meeting for 18-Sep-2014 regarding TUS.		In Progress
02-Sep-2014	Email From: A. Hall (PNW)	Environmental Assessment		PNW LNG invites Metlakatla to participate in Eel Grass Surveys project.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Metlakatla					
	To: A. Osborne (Metlakatla) and J. Hauser (Metlakatla)				
03-Sep-2014	Email From: J. Carlick Pearson (Metlakatla) To: J. Hauser (Metlakatla) Cc: A. Hall (PNW)	Environmental Assessment	Metlakatla requests more information on Eel Grass Surveys projects.	PNW LNG defers questions about the project to Stantec.	In Progress
04-Sep-2014	Email From: A. Hall (PNW) To: A. Osborne (Metlakatla)	Environmental Assessment Consultation		PNW LNG follows up regarding Metlakatla's availability to discuss Project update. Telephone discussion occurred between PNW and J. Hauser (Metlakatla)	Complete
04-Sep-2014	Telephone Discussion Between: A. Hall (PNW) And: J. Hauser (Metlakatla)	Environmental Assessment Consultation		PNW discussed the following: <ul style="list-style-type: none"> • PNW LNG exploring new terminal options • Engagement with Skeena Fisheries Commission (SFC), Lax Kw'alaams, Metlakatla and DFO for initial discussion • New technical concepts to Tsimshian and SFC member First Nations • Terminal design • Marine infrastructure • Camp options 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
8-Dec-2012	Information Distribution: via Email From: C. Rutherford of PNW To: Chief G. Reece of Lax Kw'alaams, Cc: L. Giroday of Lax Kw'alaams	Project Description Environmental Assessment		Attaching for Lax Kw'alaams review and comment: <ul style="list-style-type: none"> Stantec, Pacific NorthWest LNG Project Description Draft Report, December 2012 Canadian Environmental Assessment Act, S.C. 1992, c. 37 Offers meetings to discuss	Complete
21-Dec-2012 dated however transmittal was on Jan. 24, 2013	Letter From: Chief G. Reece of Lax Kw'alaams To: C. Rutherford of PNW	Consultation Archaeological Resources	<ul style="list-style-type: none"> Project's impact on CMTs <ul style="list-style-type: none"> Project's impact on marine ecosystems and Flora Bank Project impact on Lax Kw'alaams rights and title by cumulative effects assessment Economic value of Lax Kw'alaams' rights and title Sufficiency of EA consultation 	PNW LNG responded by letter noting the following information: <ul style="list-style-type: none"> CEAA and TERMPOL will address marine navigation Project Description is adequate to consider Project Impact on marine and land resources and cumulative effects Offer for funding in PNW letter of February 18, 2013 repeated Invitation for Lax Kw'alaams comments on Project Description 	
Jan-2013	Payment	Capacity Funding		<ul style="list-style-type: none"> Payment to First Nations re: EA Participation - \$20,000 	Complete
15-Jan-2013	Email From: C. Rutherford of PNW To: Chief G. Reece of Lax Kw'alaams,	Fresh water and fish habitat Consultation		<ul style="list-style-type: none"> Invitation to participate in Winter Bird Survey on January 24 to 25 2013 	Complete
24-Jan-2013	Letter From: C. Rutherford of PNW To: W. Drury of Lax Kw'alaams	Consultation		<ul style="list-style-type: none"> Offers capacity funding Offers to negotiate EA agreement with capacity funding Offers information for Lax Kw'alaams review Offers negotiations for EA protocol Offers to review and discuss existing information and knowledge of Lax Kw'alaams' traditional use, rights and interests on Lelu Island Offers for Lax Kw'alaams involvement and projected schedule for further studies 	In Progress: Lax Kw'alaams accepted capacity funding. PNW LNG remains willing to accept information from Lax Kw'alaams and is working to negotiate an IBA with Lax Kw'alaams. PNW LNG would like to engage Lax Kw'alaams in an Environmental Assessment Agreement and will continue efforts to do so.
30-Jan-2013	Email From: Cindy Rutherford, VP, PNW To: Wayne Drury, Lax Kw'alaams	Economic Participation		Request for information regarding Lax Kw'alaams capacity for economic participation in the Project.	In Progress: PNW LNG remains willing to learn about Lax Kw'alaams capacity through IBA negotiations.
8-Mar-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: L. Walls of CEAA, sent via Email March 13, 2013 From: M. Olson of Lax Kw'alaams To: of CEAA	Cumulative Effects	<ul style="list-style-type: none"> Project impact on Lax Kw'alaams rights and title interests Project impact on marine ecosystem Project impact on existence of deleterious substances in area Project impact on Lax Kw'alaams health, socio-economic condition, physical and cultural heritage, current use of lands, water, resources for traditional purposes and sites of historical, archaeological or paleontological significance 	PNW LNG has had repeated correspondence and meetings with Lax Kw'alaams on these issues. It has come to a good understanding of Lax Kw'alaams' perspective on these issues and is making efforts to engage Lax Kw'alaams in a long-term initiative to protect the Skeena Estuary.	In Progress
14-Mar-2013	Information distribution: PNW PowerPoint given to Lax Kw'alaams	Archaeological Values Consultation Marine ecosystems Marine traffic Visual Quality	<ul style="list-style-type: none"> Project impact on air quality Project and geotechnical investigation impact on CMTs 	PNW PowerPoint Presentation entitled "Technical Meeting" – given to Lax Kw'alaams and Stantec at meeting on March 14 2013 meeting covering project overview, CEAA field results and Traditional Use Study	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
14-Mar-2013	Information Distribution: Report for Review sent by Email From: A. Pomeroy of Stantec To: of Lax Kw'alaams	Archaeological Values		Attached report discussed at meeting March 14, 2013: <ul style="list-style-type: none">Potential LNG Facility on Lelu Island, Terrestrial Ecosystem Study, Final Report October 2012 by Stantec Consulting Ltd.	Complete
18-Mar-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: of PNW sent by Email March 20, 2013 From: of Lax Kw'alaams To: of PNW	Consultation	<ul style="list-style-type: none">Consultation on geotechnical investigation	PNW LNG followed up on this letter by written response of legal counsel on March 25, 2013. It then undertook a series of at least three group meetings and significant exchanges of correspondence to address Lax Kw'alaams questions and concerns. Lax Kw'alaams submitted a list of 54 questions related to the geotechnical investigation. PNW LNG answered all of those in writing and answered all of the follow up questions in writing. PNW LNG also delivered a number of reports on the Project's geotechnical investigation's methodology, marine resources and archaeological values. PNW LNG undertook marine habitat investigations to ensure no impact to marine resources and undertook archaeological protocols with Metlakatla's consulting archaeologists to preserve archaeological values on Lelu Island. PNW LNG followed up with marine and archaeological monitoring reports that were delivered to Lax Kw'alaams. The PRPA authorized PNW LNG to carry out the geotechnical investigation. Please see entries for the following dates (all 2013): <ul style="list-style-type: none">March 21, 22, 25, 26, 26;April 1, 2, 10, 15, 16, 18, 19, 24, 26;May 9, 19, 21, 28;June 3, 10, 14; andJuly 10.	In Progress: The PRPA issued the authorization for the geotechnical investigation and it was conducted without impacts to marine resources or archaeological values. During this consultation, Lax Kw'alaams raised issues regarding marine resources and scientific methodology that PNW LNG continues to discuss with Lax Kw'alaams in hopes of resolution.
21-Mar-2013	Information Distribution: sent by Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams	Consultation Social and economic effects to First Nations		Repeats commitment to negotiations for IBA and Environmental Assessment Agreement.	In Progress
22-Mar-2013	Email From: of Lax Kw'alaams To: of BLG	Marine ecosystems Effects on salmon habitat and salmon migration Consultation	<ul style="list-style-type: none">Geotechnical investigation's impact on CMTs and fisheries adjacent to Lelu Island and Skeena EstuaryJurisdiction of provincial and federal government for archaeological resourcesSiting of Project on Lelu Island	PNW LNG accepts reiteration to Lax Kw'alaams position and continues discussions through meetings and exchange of technical information.	In Progress
22-Mar-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: M. Engelsjord of DFO Cc: G. Fraser of PNW of PNW, sent via Email March 22, 2013 From: T. Johnson of Lax Kw'alaams	Effects on salmon habitat and salmon migration	<ul style="list-style-type: none">Geotechnical investigation's impact on salmon migration and marine ecosystem	No response required from PNW LNG.	Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
25-Mar-2013	Letter From: of BLG To: of Lax Kw'alaams sent via Email March 25, 2013 From: S. Jones of BLG To: of Lax Kw'alaams	Archaeological Values Fresh water and fish habitat Consultation		PNW LNG responds to Lax Kw'alaams letter of March 22, 2013. PNW LNG proposes method of proceeding with geotechnical investigation in a manner that would accommodate Lax Kw'alaams' concerns. PNW LNG offers to meet to discuss the geotechnical investigations and invites questions on the geotechnical program.	Complete
26-Mar-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: G. Kist of PNW	Consultation Marine ecosystems Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> • Consultation on Project • Impact of marine trestle and dock to Flora Bank to fish and salmon 	Greg Kist, CEO of PNW LNG responds via letter of April 2, 2013 reiterating respect for Lax Kw'alaams' concerns, requests Lax Kw'alaams' CMT handling protocol. PNW LNG explains why the geotechnical investigation is necessary and that it can be carried out without significant impacts. PNW LNG also reiterates desire to negotiate an IBA.	Complete
1-Apr-2013	Information Distribution Email From: of BLG To: of Lax Kw'alaams	Archaeological Values Consultation		Attaching reports and documents related to the geotechnical investigation: <ul style="list-style-type: none"> • Project notification and review application form dated February 25, 2013 • Letter from DFO re geotechnical investigation to M. Lambert • PowerPoint from "Technical Meeting" March 14, 2013 • Geotechnical Site Investigation/Archaeology Preliminary Field Reconnaissance prepared by Stantec dated March 25, 2013 • Memorandum from Fugro Consultants Inc./ dated March 28, 2013 respecting Lelu Island Onshore Borehole Drilling with Field Exploration attached • Email sent by of Stantec to of Lax Kw'alaams on March 14 2013 with link to Terrestrial Ecosystem Study and Archaeology Inventory Report 	Complete
2-Apr-2013	Letter sent via Email Letter From: G. Kist of PNW To: Chief G. Reece of Lax Kw'alaams Cc: A. Mayer of PRPA	Archaeological Values Consultation Effects on salmon habitat and salmon migration		Greg Kist, CEO of PNW LNG responds via letter of April 2, 2013 reiterating respect for Lax Kw'alaams' concerns, requests Lax Kw'alaams' CMT handling protocol. PNW LNG explains why the geotechnical investigation is necessary and that it can be carried out without significant impacts. PNW LNG also reiterates desire to negotiate an IBA.	Complete
15-Apr-2013	Meeting "Draft Minutes of a Meeting of between Pacific North West LNG and Lax Kw'alaams To: D. Camp of BLG, C. Rutherford of PNW, D. Fairbairn of DCF Consulting Ltd., A. Pomeroy of Stantec, L. Giroday of Lax Kw'alaams, W. Drury of Lax Kw'alaams, M. Duivan of Skeena Fisheries, S. Jones of BLG	Consultation Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> • Consultation • Adequacy of Lax Kw'alaams participation and benefits • Geotechnical investigation's impact on Skeena Estuary • Sufficiency of baseline information to assess Geotechnical investigation's impact • Archaeological significance of Ridley Island <ul style="list-style-type: none"> – Project location and Project impact on Flora Bank – Provision of pre-FEED information 	PNW LNG agrees to provide information about the geotechnical investigation. Lax Kw'alaams agrees to provide a list of questions and concerns related to the geotechnical investigation.	Complete: Information was provided. In Progress: PNW LNG continues to work with Lax Kw'alaams in attempts to resolve issues regarding marine impacts and Project location.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
16-Apr-2013	Information Distribution: List of Questions and Concerns from Lax Kw'alaams: Email From: L. Giroday of Lax Kw'alaams To: C. Rutherford of PNW, G. Fraser of PNW, D. Camp of BLG	Consultation Effects on salmon habitat and salmon migration Hydrocarbon spills First Nations opportunities: construction; or permanent workforce First Nations business opportunities in project	<ul style="list-style-type: none"> Adequacy of information supporting Project Review Project impact on Flora Bank, Skeena Estuary and juvenile salmon habitat Sufficiency of information on Project scope Sufficiency of information on Project spill prevention plan Sufficiency of information of disposal of Project waste Lax Kw'alaams monitors use during geotechnical investigation and Project Adequacy of AIA Adequacy of CMT assessment 	PNW LNG responded to all of Lax Kw'alaams questions. PNW LNG then responded to all of the follow up questions to its responses. See exchanges on May 9 and June 14, 2013.	Complete
18-Apr-2013	Information Distribution: AMMP Plan Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams [PNW003056]	Archaeological Values		Attaching AMMP for Lax Kw'alaams Review: <ul style="list-style-type: none"> Stantec, Pacific NorthWest LNG, Geotechnical Drilling Program – Archaeology Mitigation and Monitoring Plan, April 2013 	Complete
19-Apr-2013	Information Distribution From: D. Camp of BLG To: G. McDade of Lax Kw'alaams Cc: Chief G. Reece of Lax Kw'alaams	Archaeological Values Consultation		Attaching reports and documents for review and discussion: <ul style="list-style-type: none"> Geotechnical Drilling Services Ltd. Policies and Procedures Geotechnical Drilling Services Ltd, Environmental Management Plan Lelu Island (Prince Rupert BC) 2013 Exploration/Geotechnical Drilling Program Chart 2 Field Exploration Plan A1 	Complete
19-Apr-2013	Information Distribution: Reports and Documents for Meeting Email From: D.Camp of BLG To: G.McDade of Lax Kw'alaams	Consultation Archaeological Values		Attaching reports and documents for review and discussion: <ul style="list-style-type: none"> Fugro, Emergency Response Plan, Example Ground Investigations –Skate 3A Fugro, Chart 1 Field Exploration Plan A1 Stantec, Pacific NorthWest LNG Geotechnical Drilling Program, Archaeology Mitigation and Monitoring Plan, April 2013 	Complete
19-Apr-2013	Information Distribution: Reports and Documents for Meeting Email From: D.Camp of BLG To: G.McDade of Lax Kw'alaams	Consultation Fresh water and fish habitat Effects on salmon habitat and salmon migration		Attaching reports and documents for review by and discussion: <ul style="list-style-type: none"> Fugro, Outline of Geotechnical Study Canadian Manuscript Report of Fisheries and Aquatic Sciences No. 2098, Habitat Management Division Department of Fisheries and Oceans Vancouver, British Columbia, 1991, Guidelines for Minimizing Entrainment and Impingement of Aquatic Organisms at Marine Intakes in British Columbia Department of Fisheries and Oceans, Freshwater Intake End-of-Pipe Fish Screen Guideline 	Complete
19-Apr-2013	Meeting D.Camp of BLG, C. Rutherford of PNW, L.Prentice of Fugro, G.Fraser of PNW, A. Pomeroy of Stantec, G. McDade of Ratcliffe and Co, W.Drury of Lax Kw'alaams, M.Duivan of Skeena Fisheries, D.Brown of Lax Kw'alaams, S.Jones of BLG	Fresh water and fish habitat Archaeological Values	<ul style="list-style-type: none"> Project and geotechnical investigation impact on marine environment Necessity of IBA discussions Adequacy of EA Provision of geotechnical investigation information Sufficiency of AOA, AI and AIA Adequacy of CMT Assessment 	PNW LNG response to concerns about impacts to fish and fish habitat. PNW LNG explained its measures to avoid impacts to the marine environment. PNW LNG explained the methods of its archaeological studies and agreed to a subsequent meeting to discuss archaeological issues.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
19-Apr-2013	Information Distribution: "Comments on the Siting of the proposed Pacific Northwest LNG Plant" by A. Gottesfeld of Skeena Fisheries Commission	Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> Project impact on Skeena Estuary and juvenile salmon habitat 	PNW LNG provided the report to its consultant for evaluation. PNW LNG informed Lax Kw'alaams of the reasons for selection of this site.	In Progress: PNW LNG continues to address Lax Kw'alaams' concerns regarding the location of the site and potential marine impacts.
24-Apr-2013	Information Distribution Emails to: Lesley Giroday and Doug Brown From: Erin Willow of Stantec Gerry Fraser of PNW LNG	Archaeological Values	<ul style="list-style-type: none"> Sufficiency of AIA on wetlands Sufficiency of CMT mapping Sufficiency of archaeological testing areas Sufficiency of archaeological methods. 	PNW LNG provides the following technical information: <ul style="list-style-type: none"> References to reports on geological stability of Lelu Island's wetlands and potential for archaeological resources Map of proposed drilling locations Archaeological Monitoring and Mitigation Protocol 	Complete
24-Apr-2013	Information Distribution: Reports Email From: D.Camp of BLG To: L.Giroday of Lax Kw'alaams, M.Lambert of PNW	Archaeological Values Marine Resources		Attaching Reports: <ul style="list-style-type: none"> Archaeological Overview Assessment Ridley Island, BC prepared for Prince Rupert Port Authority by Millennia Research Limited April 2008 Project #MR0822 Fugro Consultants, Inc. Phase 1A Geologic Reconnaissance Survey and Geophysical Site Visit, PETRONAS LNG Project Lelu Island, British Columbia Canada, Kellogg Brown and Root, LLC, Houston Texas KBR, PETRONAS/Progress Pre-Front End Engineering Design (Pre-FEED) Pacific Northwest LNG Project Assessment of Bog and Peat Deposits Phase 1B – GIS Analysis and Field Verification Survey KBR Job Number F217 Document Number CV-AAA-G40-0002 Potential LNG Facility on Lelu Island, Terrestrial Ecosystem Study, Final Report October 2012 by Stantec Consulting Ltd. 	Complete
24-Apr-2013	Information Distribution: Email From: G.Fraser of PNW To: L.Giroday of Lax Kw'alaams	Archaeological Values		Attached reports: <ul style="list-style-type: none"> Pacific NorthWest LNG, Geotechnical Drilling Program – Archaeology Mitigation and Monitoring Plan, April 2013 by Stantec Consulting Ltd. Map displaying borehole and helipad locations 	Complete
26-Apr-2013	Information Distribution: Report Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams	Archaeological Values		Attaching Fugro Bog and Peat Deposit Report: <ul style="list-style-type: none"> Assessment of Bog and Peat Deposits Phase 1B – GIS Analysis and Field Verification Survey Pacific NorthWest LNG Project, Lelu Island, British Columbia Canada Draft, Fugro Consultants Inc. 	Complete
6-May-2013	Information Distribution: "Pacific Northwest LNG Federal Working Group Meeting Notes" May 6, 2013 Email From: J. Smith of CEAA To: M. Lambert of PNW	Consultation	<ul style="list-style-type: none"> Sufficiency of technical assessment of potential contaminants Adequacy of archaeological assessment Adequacy of cumulative effects studies and scope Sufficiency of EA process Sufficiency of baseline information Adequacy of fish habitat studies (pg. 6-7) Project and geotechnical investigation impact on juvenile salmon habitat (pg. 12). Adequacy of socio-economics studies conducted (pg. 12). 	No action required from PNW LNG.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
9-May-2013	Information Distribution: "Responses to Issues/ Concerns Raised by Lax Kw'alaams First Nation Re: Pacific NorthWest LNG – Bore Hole Drilling Program Introduction" Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams	Baseline information Archaeological Values Fresh water and fish habitat Effects on salmon habitat and salmon migration Consultation		PNW LNG responds to all 54 of Lax Kw'alaams questions related to its geotechnical investigation.	
14-May-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: J. Smith of CEAA	Consultation Fresh water and fish habitat Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> • Consultation timeline • Sufficiency of EA consultation • Project impact on Skeena Estuary and fish habitat • Legitimacy of additional First Nations claims to Lelu Island 	PNW LNG reviewed comments provided by Lax Kw'alaams and discussed these with CEAA	Complete
17-May-2013	Letter From: A.Mayer of PRPA To: L.Giroday of Lax Kw'alaams	Consultation	<ul style="list-style-type: none"> • Adequacy of PRPA framework for Project and geotechnical investigation consultation • Adequacy of EA for Project consultation 	No action required from PNW LNG	Complete
21-May-2013	Email From: D. Camp of BLG To: W. Drury of Lax Kw'alaams	Consultation		Request for meeting with Wayne Drury and Chief Reece.	Incomplete Lax Kw'alaams declined meeting.
21-May-2013	Information Distribution: Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams	Archaeological Values		Attachment of report updated to PNW response to Lax Kw'alaams: <ul style="list-style-type: none"> • Pacific NorthWest LNG Geotechnical Drilling Program – Archaeology Mitigation and Monitoring Plan May 2013 	Complete
28-May-2013	Reponses to Questions Raised "Further Responses to Issues/ Concerns Raised by Lax Kw'alaams First Nation (May 28, 2013)" by PNW sent via Email To: L. Giroday of Lax Kw'alaams	Archaeological Values Hydrocarbon spills Cumulative Effects Baseline conditions Fresh water and fish habitat	<ul style="list-style-type: none"> • Sufficiency of biological baseline information (pg. 4, q. 2) • Sufficiency of assessment of archaeological area values pg. 4, q. 1) • Impact of marine trestle and berth on fish and salmon habitat (pg. 6, q. 5) • Sufficiency of marine environment study around Flora Bank and Skeena Estuary (pg. 11, q. 20), (pg. 9, q. 13) • Adequacy of assessment of Ridley Island as disposal facility (pg. 12, q. 23) • Sufficiency of information on geotechnical investigation and Project waste substances (pg. 12, q. 23) 	PNW LNG responds to all follow up questions to its original responses to the 54 questions provided by Lax Kw'alaams.	Complete
Jun-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000	Complete
3-Jun-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: C. Rutherford of PNW, sent via Email June 10, 2013 From: W. Drury of Lax Kw'alaams To: L. Keller of PRPA Cc: Chief G. Reece of Lax Kw'alaams	Archaeological Values Effects on marine aboriginal foods First Nations claim to Project area	<ul style="list-style-type: none"> • Depth of Consultation • Adequacy of archaeological resources and CMT assessment • Project impact on traditional fisheries • Impact of marine trestle and dock on fish and salmon habitat 	PNW LNG responded via Letter on June 14, 2013: <ul style="list-style-type: none"> • Confirms its archaeological investigations have been conducted to professional standards • Geotechnical investigation will not cause impacts to archaeological resources • Outlines measures to avoid or mitigate archaeological impacts • Attaches responses to further questions provided on June 3, 2013 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
3-Jun-2013	Information Distribution Lax Kw'alaams' Comments on PNW LNG Geotechnical Drilling Program via Letter of June 3, 2013 From: Chief G. Reece of Lax Kw'alaams To: C Rutherford of PNW	Consultation	<ul style="list-style-type: none"> • Attaching: <ul style="list-style-type: none"> – Lax Kw'alaams Comments: Pacific Northwest LNG, Geotechnical Drilling Program: <ul style="list-style-type: none"> o geotechnical investigation impact on CMTs o Sufficiency archaeological investigations and mitigation plans – "Further Responses to Issues/Concerns Raised by Lax Kw'alaams First Nations (May 28, 2013) Re: Pacific North West LNG – Bore Hole Drilling Program: <ul style="list-style-type: none"> o Provides follow up questions to PNW LNG's responses to answers provided May 9, 2013 	PNW LNG provides responses noted above via letter of June 14, 2013 and attaches: <ul style="list-style-type: none"> • Material Safety Data Sheet, FMC BioPolymer • Further Responses to Issues/Concerns Raised by Lax Kw'alaams First Nation (May 28, 2013) 	Complete
10-Jun-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: C. Rutherford of PNW sent via Email From: W. Drury of Lax Kw'alaams To: L. Keller of PRPA Cc: Chief G. Reece of Lax Kw'alaams, Chief H. Leighton of Metlakatla	Marine ecosystems Archaeological Values Baseline information Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> • geotechnical investigation impact on fish habitat and marine ecosystem • Attaching: <ul style="list-style-type: none"> – Lax Kw'alaams Comments: Pacific Northwest LNG, Geotechnical Drilling Program: <ul style="list-style-type: none"> o geotechnical investigation impact on CMTs o Sufficiency of AMMP – Letter of June 3, 2013 from Chief G. Reece of Lax Kw'alaams – "Further Responses to Issues/Concerns Raised by Lax Kw'alaams First Nations (May 28, 2013) Re: Pacific North West LNG – Bore Hole Drilling Program: <ul style="list-style-type: none"> o geotechnical investigation impact on marine ecosystem, Skeena Estuary, Flora Bank o Adequacy of baseline information for impact of geotechnical investigation on fisheries o Marine trestle and dock impact on Skeena Estuary o Sufficiency of analysis cumulative effects of development in Prince Rupert Harbour o Sufficiency of Archaeological Assessment o geotechnical investigation impact on CMT 	No action for PNW LNG	Complete
10-Jun-2013	Information Distribution: Reports and PNW Response to Lax Kw'alaams Comments sent by Email From: D. Camp of BLG To: L. Giroday of Lax Kw'alaams	Consultation Fresh water and fish habitat		Attaching reports for Lax Kw'alaams review in support of PNW responses: <ul style="list-style-type: none"> • Field Exploration Plan, Kellogg, Brown & Root LLC, Pacific Northwest LNG Project, Lelu Island, British Columbia, Canada by Fugro • Fugro Consultants, Project Work Plan, Nearshore Field Exploration Program Pacific NorthWest LNG Project Lelu Island, British Columbia, Canada, Prepared for: Kellogg Brown and Root LLC, Houston, Texas, Fugro Project No. 01.10130058 • Fugro Consultants, Project Work Plan, Onshore Field Exploration Program Pacific NorthWest LNG Project Lelu Island, British Columbia, Canada, Prepared for: Kellogg Brown and Root LLC, Houston, Texas, Fugro Project No. 01.10130058 • Fugro Consultants, Pacific NorthWest LNG Project Nearshore Field Exploration Lelu Island BC, Health Safety and Environmental Management Plan Fugro Project No 04.10130058 • Fugro Consultants, Pacific NorthWest LNG Project Onshore Field Exploration Lelu Island BC, Health Safety and Environmental Management Plan Fugro Project No 04.10130058 	Complete

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Lax Kw'alaams					
14-Jun-2013	Information Distribution: Email From: Cindy Rutherford, VP, PNW To: Chief Garry Reece, Lax Kw'alaams			Attaches for information: <ul style="list-style-type: none"> PNW LNG Community Update flyer – Spring 2013 	Complete
14-Jun-2013	Letter From: Cindy Rutherford of PNW LNG To: G. Reece of Lax Kw'alaams			PNW LNG responded via Letter on June 14, 2013: <ul style="list-style-type: none"> Confirms its archaeological investigations have been conducted to professional standards Geotechnical investigation will not cause impacts to archaeological resources Outlines measures to avoid or mitigation archaeological impacts Attaches responses to further questions provided on June 3, 2013 (see entry below) 	Complete
14-Jun-2013	Information Distribution: "Further Responses to Issues/ Concerns Raised by Lax Kw'alaams First Nation (May 28, 2013) Re: Pacific North West LNG – Bore Hole Drilling Program sent by Email From: S.Jones of BLG To: L.Giroday of Lax Kw'alaams	Archaeological Values Cumulative Effects Fresh water and fish habitat Hydrocarbon spills		PNW LNG provides its response to all of Lax Kw'alaams follow up questions to the answers PNW LNG provided to the 54 Issues/Concerns Lax Kw'alaams provided on April 16, 2013.	Complete
14-Jun-2013	Letter From: J. Smith of CEAA To: Chief G. Reece of Lax Kw'alaams sent via Email June 14, 2013 From: J.Smith of CEAA To: Chief G.Reece of Lax Kw'alaams	Consultation Effect on marine food harvesting First Nations claim to Project area	CEAA provides its consultation approach for environmental assessment	No action required from PNW LNG.	Complete
28-Jun-2013	Letter From: G. Burke (Lax Kw'alaams) To: D.Camp of BLG Cc: Chief G. Reece of Lax Kw'alaams	Fresh water and fish habitat Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> Impact of Project and marine trestle on marine ecosystem and Skeena Fisheries 	PNW LNG has the reports (attached to the letter) reviewed by its consultant. Based on that review, PNW LNG wrote to Lax Kw'alaams, noting the Project differs substantively in design and from the projects previously proposed for Lelu Island.	In Progress: PNW LNG continues to work with Lax Kw'alaams regarding its concerns about the Project's marine terminal location.
10-Jul-2013	Letter From: Chief G.Reece of Lax Kw'alaams To: C.Rutherford of PNW Cc: Chief H.Leighton of Metlakatla Sent via Email July 11, 2013 From: T.Johnson of Lax Kw'alaams To: C.Rutherford of PNW, Cc: Chief H. Leighton of Metlakatla	Consultation Impacts to Marine Resources Archaeological Values	<ul style="list-style-type: none"> Sufficiency of consultation for geotechnical investigation and Project Project impact on lax Kw'alaams archaeological interests on Lelu Island Impacts on Marine Resources 	PNW LNG responds via letter of July 26, 2013: The letter provides a summary of communications between PNW LNG and Lax Kw'alaams on PNW LNG's geotechnical investigation: <ul style="list-style-type: none"> July and August 2012, Lax Kw'alaams invited to participate in archaeological reconnaissance field work on Lelu Island – Lax Kw'alaams did not object or participate March 2013 Lax Kw'alaams raised concern with PNW LNG's archaeological findings and methods, PNW LNG organized a meeting to address concerns April 16 2013 Lax Kw'alaams submitted list of 54 questions to PNW May 13 2012 PNW responded in detail to questions of 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
				<p>April 16 2013</p> <ul style="list-style-type: none"> June 3 2013, Lax Kw'alaams replied with additional questions June 14 2013 PNW LNG responded in detail to questions of June 3 2013 PNW LNG provided technical reports and work plans related to geotechnical investigation in direct response to concerns raised by Lax Kw'alaams PNW LNG and Lax Kw'alaams technical representatives met April 15 and 19 and participated in conference call on April 24 2013 to address Lax Kw'alaams concerns April and June 2013 PNW LNG and Lax Kw'alaams discussed concerns with geotechnical investigation with legal counsel Lax Kw'alaams concerns of geotechnical investigation further addressed in meeting with PRPA on June 11 2013 Lax Kw'alaams cancelled meeting of June 17 2013 June 14 2013 letter PNW remain willing to meet with Lax Kw'alaams and discuss further work required for geotechnical investigation, Lax Kw'alaams decline <p>Offers to meet with Lax Kw'alaams</p>	
11-Jul-2013	<p>Information Distribution: Sent via Email August 13, 2013 From: C. Rutherford of PNW To: Chief G. Reece of Lax Kw'alaams, G. Burke of Lax Kw'alaams, W. Drury of Lax Kw'alaams [PNW001066]</p>	Economic Opportunities		PNW LNG requests information about Lax Kw'alaams capacity for economic participation in the Project.	<p>In Progress</p> <p>PNW LNG continues to seek information about Lax Kw'alaams' capacity to participate in the Project.</p>
13-Jul-2013	<p>Email From: C. Rutherford, VP, PNW To: W. Drury, Lax Kw'alaams</p>	Employment and Training		Requests First Nations input regarding training and education initiatives	<p>In Progress</p> <p>PNW LNG continues to seek information about Lax Kw'alaams' employment and training needs.</p>
24-Jul-2013	<p>Letter From: Chief G. Reece of Lax Kw'alaams To: G. Kist of PNW Sent Via Email July 24, 2013 From: T.Johnson of Lax Kw'alaams To: M.Lambert of PNW</p>	<p>Effects on marine aboriginal foods</p> <p>Effects on salmon habitat and salmon migration</p>	<ul style="list-style-type: none"> Invitation for PNW LNG to participate and fund fisheries research study 	<p>PNW LNG meets with Lax Kw'alaams to discuss potential fish study on July 31, 2013 and August 21, 2013</p> <p>Greg Kist, CEO of PNW LNG responds via letter on August 20, 2013. The letter explains the studies PNW LNG has undertaken and promises to provide studies and capacity funding to review.</p> <p>PNW LNG declines to participate in fish studies on the terms advocated by Lax Kw'alaams.</p> <p>In December 2013, PNW LNG proposes a conservation initiative to Lax Kw'alaams that would include long-term studies and monitoring of the Skeena Estuary.</p>	<p>In Progress:</p> <p>PNW LNG did not accept this invitation but has proposal an alternative conservation initiative.</p>
25-Jul-2013	<p>Email From: G. Fraser of PNW To: W. Drury of Lax Kw'alaams</p>	<p>Baseline information</p> <p>Fresh water and fish habitat</p> <p>Consultation</p>		<p>Offer for Lax Kw'alaams to participate in upcoming studies by Stantec:</p> <ul style="list-style-type: none"> Freshwater fish survey August 8 to 15 2013 Soil baseline survey August 1 to 8 2013 	<p>Complete:</p> <p>Lax Kw'alaams did not participate in studies.</p>

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Lax Kw'alaams					
26-Jul-2013	Letter From: C. Rutherford of PNW To: Chief G. Reece of Lax Kw'alaams,	Consultation		Summary of communications between PNW and Lax Kw'alaams on consultation for geotechnical investigation, including notes of PNW responses: <ul style="list-style-type: none"> July and August 2012, Lax Kw'alaams invited to participate in archaeological reconnaissance field work on Lelu Island – Lax Kw'alaams did not participate March 2013 Lax Kw'alaams raised concern with PNW archaeological findings and methods, PNW organized a meeting to address concerns April 16 2013 Lax Kw'alaams submitted list of 54 questions to PNW May 13 2012 PNW responded in detail to questions of April 16 2013 June 3 2013, Lax Kw'alaams replied with additional questions June 14 2013 PNW responded in detail to questions of June 3 2013 PNW provided technical reports and work plans related to geotechnical investigation in direct response to concerns raised by Lax Kw'alaams PNW and Lax Kw'alaams technical representatives met April 15 and 19 and participated in conference call on April 24 2013 to address Lax Kw'alaams concerns April and June 2013 PNW and Lax Kw'alaams discussed concerns with geotechnical investigation with legal counsel Lax Kw'alaams concerns of geotechnical investigation further addressed in meeting with PRPA on June 11 2013 Lax Kw'alaams cancelled meeting of June 17 2013 June 14 2013 letter PNW remain willing to meet with Lax Kw'alaams and discuss further work required for geotechnical investigation, Lax Kw'alaams decline offer to meet. 	Complete
29-Jul-2013	Letter From: W. Drury of Lax Kw'alaams To: M. Lambert of PNW sent via Email July 30, 2013 From: W. Drury of Lax Kw'alaams To: M. Lambert of PNW	First Nations opportunities: construction; or permanent workforce First Nations business opportunities in project	<ul style="list-style-type: none"> Sufficiency of opportunities for Lax Kw'alaams work plan contracts Adequacy of Project consultation 	PNW LNG responds to letter of July 29, 2013 and explains: <ul style="list-style-type: none"> Lax Kw'alaams not meeting to discuss Project despite offers from PNW LNG Contract offered to Embark Engineering and turned down by Lax Kw'alaams July 31, 2013 proposal to conduct joint fish study, W Drury as in attendance, Chief G. Reece's participation required before studies undertaken 	In Progress: PNW LNG continues to seek opportunities for Lax Kw'alaams to participate in procurement and employment opportunities associated with the Project.
29-Jul-2013	Letter From: M. Lambert of PNW To: J. Smith of CEAA, K. Howes of BCEAO, D.Camp of BLG, Cc: W. Drury of Lax Kw'alaams	Consultation		Traditional Use Study proposal [to support goal of gathering information stated in letter of January 24, 2013] <ul style="list-style-type: none"> PNW description of Traditional Use Study including: <ul style="list-style-type: none"> Total Traditional Use Study Funding of \$60,000 Traditional Use Study delivery on October 1, 2013 Traditional Use Study by qualified consultant selected by Lax Kw'alaams Describe historic and current use land and resources, identify potential effects on current use, commercial and recreational use, current and historic use of waterways 	In Progress PNW LNG remains willing to fund Traditional Use Studies and other studies to understand First Nations interests in relation to the Project.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
				<ul style="list-style-type: none"> – Traditional Use Study to be used in EA • Request Lax Kw'alaams share existing information relating to current and historic use • Traditional Use Study to be used in EA • Offer Lax Kw'alaams bring any concerns about project PNW LNG's attention 	
30-Jul-2013	Information Distribution: Email From M. Lambert of PNW To: J. Smith of CEAA, K. Howes of BCEAO D. Camp of BLG Cc: W. Drury of Lax Kw'alaams	Marine traffic		<ul style="list-style-type: none"> • PNW LNG Marine Studies Report presented to CEAA Marine Technical Working Group • Attachment: <ul style="list-style-type: none"> – PNW LNG Marine Studies Report dated 29, July 2013 Prepared for CEAA Marine Issues Technical Meeting 30 July 2013, Prepared by Captain D. Kyle, Contract Marine Advisor for PNWLNG 	Complete
31-Jul-2013	Meeting Attendees: G. Fraser (PNW), M. Lambert (PNW) and W. Drury (Lax Kw'alaams)			<ul style="list-style-type: none"> • July 31, 2013 proposal to conduct joint fish study, • Agreed to meet August 21, 2013 for formal presentation from Lax Kw'alaams representatives • Chief G. Reece's participation required before studies undertaken. 	In Progress
2-Aug-2013	Email From: W. Drury of Lax Kw'alaams To: M. Lambert of PNW	Consultation	Lax Kw'alaams responds to PNW LNG letter of July 29, 2013 proposing to fund Traditional Use Study and identifies concerns with proposal: <ul style="list-style-type: none"> • Ability of Lax Kw'alaams to provide proprietary information • Sufficiency of funding proposal • Breadth of study 		In Progress PNW LNG remains willing to provide capacity funding for Traditional Use Studies and other studies to understand Lax Kw'alaams' interests relative to the Project.
13-Aug-2013	Email From: C. Rutherford of PNW To: Chief G. Reece of Lax Kw'alaams, G. Burke of Lax Kw'alaams	First Nations business opportunities in project First Nations opportunities: construction; or permanent workforce		Invitation to register for procurement opportunities.	In Progress: PNW LNG continues to seek information about Lax Kw'alaams' interest and capacity for procurement opportunities.
15-Aug-2013	Letter From Mike Lambert, PNW LNG To George Burke, Legal counsel for Lax Kw'alaams cc. Wayne Drury, Lax Kw'alaams			PNW LNG has the reports reviewed by its consultant. Based on that review PNW LNG wrote to Lax Kw'alaams Kw'alaams, noting that the Project differs in design and impacts from projects previously proposed for Lelu Island	In Progress PNW LNG continues to work with Lax Kw'alaams regarding its concerns about the Project's marine terminal location
20-Aug-2013	Letter From: G. Kist of PNW To: Chief G. Reece of Lax Kw'alaams	Fresh water and fish habitat		PNW LNG responds to Lax Kw'alaams invitation to participate in fish population study. PNW LNG identifies studies conducted on fish and fish habitat, promises to provide them with capacity funding and invites comments on them after Lax Kw'alaams' review. PNW LNG confirms meeting on August 21, 2013 to discuss merits and objectives of fish study	In Progress: PNW LNG continues to seek a way to work with Lax Kw'alaams on marine issues related to the Skeena Estuary.
20-Aug-2013	Information Distribution: List of Studies to be Completed Letter From: G. Kist of PNW To: Chief G. Reece of Lax Kw'alaams	Marine Resources		A number of studies were provided to Lax Kw'alaams rep. W. Drury at this meeting. These included: <ul style="list-style-type: none"> • Air: <ul style="list-style-type: none"> – Detailed Air Quality Dispersion Modeling – Flare Study – Wind Study • Design: 	Complete

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Lax Kw'alaams					
				<ul style="list-style-type: none"> - Berth Cross-Section Drawing - Berth Drawing - Breasting Dolphins Drawing - CEA 2012 Cumulative Effects Policy - Environmental Basis of Design - Index of Marine Intra-Structure Drawings - Map of Terrestrial and Marine Borehole Locations - Materials of Off-load Facility and Turning Basin Drawing - Materials Off-load Facility Dock Drawing - Port Edwards Utility Connection Feasibility Study - Preliminary Bridge Design Report - Preliminary Pre-FEED Air Emissions, Wastewater Effluents and Waste Summary - Socio-Economic Statistical Profile - Trestle Plan and Elevation Drawings • Marine Studies: <ul style="list-style-type: none"> - Bathymetry –Fugro - Chatham Sound Eelgrass Study - Flora Bank Eelgrass Survey - Historical Tsunami Records - Marine Borehole Habitat Inspection - Marine Environmental Quality Report – Contaminant Risks - Marine Geophysical Survey Report - Marine Reconnaissance Survey - Marine Sediment Survey Workplan - Marine Traffic and Berth Availability Study - Siting Jetty Trestle near Flora Bank - Preliminary Bathymetry Coverage Area • Terrestrial Studies: <ul style="list-style-type: none"> - Archaeology Inventory Report - Assessment of Bog and Peat Deposits - Environmental Field Study - Geological Reconnaissance - LiDAR Report - Map – Known Archaeological Sites on Lelu - Onshore Borehole Inspection Results – Archaeological Results/Survey - Phase I – Contaminated Site Env Site Assessment - Terrestrial Ecosystem Study 	
21-Aug-2013	Letter From: M. Lambert of PNW To: Chief G. Reece of Lax Kw'alaams Cc: W. Drury of Lax Kw'alaams	Consultation Marine Resources Economic Opportunities		PNW LNG responds to letter of July 29, 2013 and explains: <ul style="list-style-type: none"> • Lax Kw'alaams has not met to review suite of studies PNW LNG is conducting; • Lax Kw'alaams did lend its support to an offer of a contract to Embark Engineering, a Lax Kw'alaams associated engineering firm • July 31, 2013 proposal to conduct joint fish study, was in attendance, Chief G. Reece's participation required before studies undertaken 	In Progress: PNW LNG continues to seek means to work with Lax Kw'alaams to resolve concerns regarding marine resources in the Skeena Estuary.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
9-Sep-2013	Email From: G. Fraser of PNW To: Chief G. Reece of Lax Kw'alaams, Cc: W. Drury of Lax Kw'alaams	Fresh water and fish habitat Marine ecosystems		<ul style="list-style-type: none"> Invitation to participate in upcoming marine field studies by Stantec from 17 to 22 September 2013: <ul style="list-style-type: none"> Marine foreshore surveys of habitat Marine plants and algae Marine invertebrates 	Complete Lax Kw'alaams did not participate in studies.
11-Sep-2013	Letter From: Captain D.Kyle and L.Jones of PNW To: Chief G. Reece of Lax Kw'alaams,	First Nations navigation		<ul style="list-style-type: none"> Invitation to participate in TERMPOL workshop 	Complete
12-Sep-2013	Email From: G. Chow of PNW To: Chief G. Reece of Lax Kw'alaams,	First Nations navigation		Invitation to attend in TERMPOL workshop	Complete
16-Sep-2013	Letter From: W. Drury of Lax Kw'alaams To: J. Turnridge of KJ Joint Venture Cc: C. Rutherford of PNW	First Nations business opportunities in project First Nations opportunities: construction; or permanent workforce	<ul style="list-style-type: none"> Sufficiency of opportunities for economic involvement in Project 		In Progress
18-Sep-2013	Information Distribution: Reports sent via Email September 18, 2013 From: G. Chow of PNW To: Chief G. Reece of Lax Kw'alaams, also sent via Letter From: G. Chow of PNW To: Chief G. Reece of Lax Kw'alaams,	Consultation Fresh water and fish habitat Marine ecosystems		Attached reports for review and comment: <ul style="list-style-type: none"> Pacific NorthWest LNG Technical Data Report – Terrestrial Wildlife and Marine Birds Project No 12321-10537, September 2013, Stantec Consulting Pacific NorthWest LNG Technical Data Report for Vegetation and Wetlands, Project No. 1231010537, September 2013, Stantec Consulting Pacific NorthWest LNG Geotechnical Investigation – Environmental Monitoring Report Project No. 1231010537, September 2013, Stantec Consulting 	Complete
24-Sep-2013	Information Distribution Workshop Structure sent via Email From: G. Chow of PNW, Captain, M. McNeil of Prince Rupert LNG To: Chief G. Reece of Lax Kw'alaams	First Nations navigation Marine traffic		<ul style="list-style-type: none"> Reminder and invitation for participation in TERMPOL workshop on September 25, 2013 Structure of workshop attached: <ul style="list-style-type: none"> HAZID Workshop Ridley Island and Lelu Island Marine Terminal Approach, Pacific North West LNG and Prince Rupert LNG development Background and preparation for Navigational Risk HAZID 	Complete
4-Oct-2013	Information Distribution: Comments Draft Application Information Requirements for the Proposed Pacific Northwest LNG Project sent via Letter From: Chief G. Reece of Lax Kw'alaams To: K. Howes of BCEAO Cc: C. Rutherford of PNW, M. Lambert of PNW Chief H. Leighton of Metlakatla	Power Selection: Greenhouse Gas (GHG) emissions Archaeological Values Shipping collisions Cumulative Effects Consultation First Nations claim to Project area Selection of VCs RAA boundaries Scope of assessment Fresh water and fish habitat	<ul style="list-style-type: none"> Project's impact on BC's GHG emissions targets Sufficiency of AIA standards used for Project Effectiveness of cumulative effects methodology used for Project Necessity of cumulative effects assessment is necessary for marine navigation, and VC selection Adequacy of Crown CEAA consultation process Adequacy of dAIR integration of provincial and federal EA requirements (pg. 2); Adequacy of scope of consultation Project impact on marine navigation in Prince Rupert Harbour Project impact on socio-economics of Aboriginal and non-Aboriginal populations. Sufficiency of VC consultation Project impact on Aboriginal population health 	PNW LNG replies to Lax Kw'alaams via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Lax Kw'alaams comments and provided a reply for each of those comments. PNW revised the AIR with consideration given to the comments provided by Lax Kw'alaams. Attaches: <ul style="list-style-type: none"> Table of Responses to Lax Kw'alaams Comments re: dAIR PNW LNG writes to Lax Kw'alaams on January 21, 2014, requesting a copy of Lax Kw'alaams' Land Use Plan (2004) to assist in responding to comments on dAIR.	In Progress

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Lax Kw'alaams					
		Effects on salmon habitat and salmon migration First Nations Navigation Marine traffic Effect of Project on First Nations commercial and recreational fishing Social and economic effects to First Nations	<ul style="list-style-type: none"> • Presence of First Nations claims to LAA • Adequacy of studies on Project impact of marine environment • Consultation on RAA and LAA boundaries and spatial scopes; • Adequacy of baseline studies and current baseline information, especially with Skeena River • Adequacy of provincial and federal EA processes • Project impact on Flora Bank; • Marine trestle impact on marine ecosystem • Sufficiency of cumulative assessment for navigation, increased development (pg. 4); • Project impact on aboriginal navigation paths and recreational area (pg. 7-8) • Project impact on harbour access • Impact of Project on Aboriginal and non-Aboriginal populations. • Adequacy of dAIR to evaluate impacts on culture, health and human culture; and 		
18-Oct-2013	Information Distribution: Reports sent via Email From: G. Fraser of PNW To: Chief G. Reece of Lax Kw'alaams,	Consultation	[Lax Kw'alaams Response 28-Oct-2013 Letter From: Chief G. Reece of Lax Kw'alaams To: of PNW Cc: of Lax Kw'alaams sent via Email November 5, 2013 From: of Lax Kw'alaams To: of PNW] <ul style="list-style-type: none"> • Field trip not adequate consultation • Capacity funding insufficient • Archaeological Assessment for Project area insufficient 	Invitation to view results of geotechnical investigation Phase I and review plans for Phase II of the geotechnical investigation. Provides notice of Phase II. Attaching: <ul style="list-style-type: none"> • Pacific Northwest LNG Geotechnical Investigation – Environmental Monitoring Report, August 2013, by Stantec on the results of the first phase of the geotechnical investigative program. Report confirms no environmental impacts. 	Complete Lax Kw'alaams did not attend tour of Lelu Island.
21-Oct-2013	Letter From: L. Jones of PNW To: Chief G. Reece of Lax Kw'alaams, Cc: W. Drury of Lax Kw'alaams sent via Email October 21, 2013 From: C. Beloin of PNW To: Chief G. Reece of Lax Kw'alaams	Consultation		PNW LNG reiterates its willingness to provide capacity funding and to negotiate an Environmental Assessment Agreement.	In Progress
1-Nov-2013	Information Distribution: Letter and documents for review sent by Email November 1, 2013 From: G. Fraser of PNW To: Chief G. Reece of Lax Kw'alaams Cc: Chief H. Leighton of Metlakatla	Consultation Archaeological Values		PNW LNG provides further notice of Phase II of the geotechnical investigation and provides opportunity to provide comments on reports on Phase I and comment on plans for Phase II. Attached documents: <ul style="list-style-type: none"> • Fugro Consultants, Project Work Plan, FEED Level Field Exploration Program for Onshore and Nearshore Work Scope, Pacific Northwest LNG Project, Lelu Island, British Columbia Canada, Prepared for Pacific Northwest LNG, Fugro Project No. 04.10130058 Workplan summary • Project Notification and Review Application Form, Fisheries and Oceans Canada Pacific Region • Letter of October 30, 2013 from I. Bergsma of DFO to B. Clark of PNW Subject: "Proposal not likely to result in impacts to fish and fish habitat" • PowerPoint Presentation [no date, Summation notes 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
				Author: Fugro] "PNW LNG Lelu Island Summary of Pre-FEED and FEED Level Project Components	
5-Nov-2013	Information Distribution: "PNWLNG/Lax Kw'alaams Meeting PNWLNG Vancouver Office November 5, 2013" D. Camp of BLG S. Jones of BLG B. Clark of PNW Captain D. Kyle, A. Hall of PNW W. Barke of PNW A. Pomeroy of Stantec Chief G. Reece of Lax Kw'alaams W. Drury of Lax Kw'alaams A. Tate of Lax Kw'alaams G. Burke of Lax Kw'alaams T. Duff of Lax Kw'alaams D. Close of Lax Kw'alaams S. Yun of Lax Kw'alaams A. Gottesfeld, Lax Kw'alaams	Marine Navigation: shipping collisions First Nations Navigation Cumulative Effects Fresh water and fish habitat Effects on salmon habitat and salmon migration	<ul style="list-style-type: none"> Project impact on marine safety and marine traffic Consultation and consultation timelines Project impact to Flora Bank, and Skeena Estuary Adequacy of cumulative effects considerations to development scope and timeframe Sufficiency of information on fish populations Lax Kw'alaams receives copy of Marine Resources Technical Report and agrees to provide comments. 	PNW LNG explained its studies on marine resources and its work to ensure safe marine navigation that accommodates marine navigation by First Nations. PNW LNG reviewed potential impacts to Flora Bank and reviewed the methodology behind a habitat-based approach to environmental assessment.	In Progress: PNW LNG continues to try to work with Lax Kw'alaams on marine resources issues and has proposed a long-term conservation initiative for the Skeena Estuary that would provide long-term studies, monitoring and enhancement programs.
5-Nov-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: L. Jones of PNW, sent via Email November 15, 2013 From: T. Johnson of Lax Kw'alaams To: L. Jones of PNW	Consultation Selection of VCs	Lax Kw'alaams responds to PNW LNG letter of October 21, 2013. <ul style="list-style-type: none"> Sufficiency of capacity funding Adequacy of EA timelines for consultation Adequacy of Section 11 Order and inclusion of Lax Kw'alaams comments Sufficiency of baseline information Impact of Project trestle location on marine ecosystem geotechnical investigation impact on archaeological values and marine ecosystem and salmon habitat Offers to meet to discuss. 	PNW LNG responds via letter of December 2, 2013. PNW LNG reiterates offers to negotiate an Environmental Assessment Agreement and provide capacity funding. PNW LNG also reminds Lax Kw'alaams of substantial capacity payments already provided. PNW LNG promises to follow up with meeting to discuss. PNW LNG follows up via email on 25-Nov-2013 to schedule meeting. Lax Kw'alaams says they will respond. Meeting between Lax Kw'alaams (Drury/Giroday) occurred Dec. 11, 2013	In Progress PNW LNG continues efforts to create a productive working relationship with Lax Kw'alaams for the environmental assessment process and to work with Lax Kw'alaams on marine resources issues.
6-Nov-2013	Letter From: G. Reece of Lax Kw'alaams To: L. Jones of PNW LNG	Consultation Capacity Funding	Lax Kw'alaams letter (dated 28-Oct-2013) responds to October 18, 2013 email providing notice of Phase II of geotechnical investigation. Cites concerns with: <ul style="list-style-type: none"> Sufficiency of consultation for Phase II and Project Capacity funding 	PNW LNG responds to letter of November 6, 2013 from Lax Kw'alaams. PNW LNG offers to meet with Lax Kw'alaams regarding Phase II of its geotechnical investigation. PNW LNG offers to meet with Lax Kw'alaams to discuss. The letter reviews history of consultation on Phase I. Letter encloses authorization from PRPA and notification from DFO that Phase II is not likely to result in harm to fish or fish habitat. PNW LNG confirms that Phase II will use the same procedures as Phase I, which was conducted without harm to fish and fish habitat or archaeological values. Lax Kw'alaams did not respond to meeting offer.	Complete: Phase II of the geotechnical investigation is complete. In Progress: PNW LNG continues to seek better engagement with Lax Kw'alaams on marine interests.

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
7-Nov-2013	Letter From: M. Lambert of PNW To: Chief G. Reece of Lax Kw'alaams, sent via Email November 7, 2013 From: C. Beloin of PNW To: Chief G. Reece Lax Kw'alaams, W. Drury of Lax Kw'alaams	Consultation Archaeological Values		PNW LNG responds to letter of November 6, 2013 from Lax Kw'alaams. PNW LNG agrees to meet with Lax Kw'alaams regarding Phase II of its geotechnical investigation. PNW LNG offers to meet with Lax Kw'alaams to discuss. The letter reviews history of consultation on Phase I. Letter encloses authorization from PRPA and notification from DFO that Phase II is not likely to result in harm to fish or fish habitat. PNW LNG confirms that Phase II will use the same procedures as Phase I, which was conducted without harm to fish and fish habitat or archaeological values. Lax Kw'alaams declined meeting offer.	
7-Nov-2013	Email From: B. Clark of PNW To: M. Duiven of Skeen Fisheries, S. Yun of Lax Kw'alaams, D. Close of Lax Kw'alaams, W. Drury of Lax Kw'alaams	Consultation Marine ecosystems		Attaching Stantec Report: <ul style="list-style-type: none"> Pacific Northwest LNG Technical Data Report Marine, Draft Rev.B., October 2013 Stantec Consulting Ltd. Lax Kw'alaams' AISRT team reviewed Marine TDR and provided a cover letter and 8 page response. Nov. 22, 2013	In Progress
7-Nov-2013	Letter From: B. Clark of PNW To: Chief G. Reece of Lax Kw'alaams			PNW LNG replies to Lax Kw'alaams letter of 04-Oct-2013 via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Lax Kw'alaams comments and provided a reply for each of those comments. PNW revised the AIR in consideration of the comments provided by Lax Kw'alaams. Attaches: Table of Responses to Lax Kw'alaams Comments re: dAIR	Complete
9-Nov-2013	Email From: W. Drury of Lax Kw'alaams To: M. Lambert of PNW	Fresh water and fish habitat	<ul style="list-style-type: none"> Forwards news article on the adequacy of CEAA consideration and protection of fish habitat 	No PNW LNG response required.	Complete
13-Nov-2013	Letter From: L. Jones of PNW To: G. Burke of Lax Kw'alaams, W. Drury of Lax Kw'alaams, Cc: Chief G. Reece of Lax Kw'alaams, sent via Email November 13, 2013 From: M. MacEwen of PNW To: G. Burke of Lax Kw'alaams, W. Drury of Lax Kw'alaams, Cc: Chief G. Reece of Lax Kw'alaams	Consultation Marine Interests		PNW LNG writes to thank Lax Kw'alaams for meeting of meeting November 5, 2013 Offer further meetings and discussions	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
22-Nov-2013	Letter From: Chief G. Reece of Lax Kw'alaams To: L. Jones of PNW LNG	Effects of First Nation rights and interests	<p>Comments made by Lax Kw'alaams after review of PNW LNG Technical Data Marine Report</p> <ul style="list-style-type: none"> • Raises that Crown EA agencies acknowledge a strong likelihood of adverse impacts to Aboriginal rights and title including: <ul style="list-style-type: none"> – Marine environment – Marine resources – Marine habitat (anadromous salmon) • Raises issues with credibility of information about ecological values at risk • Lax Kw'alaams has concerns with assessment of marine environment and resources • Lax Kw'alaams does not agree with timeframe to conduct fieldwork • Makes objections to use of marine report <p>Attaches:</p> <ul style="list-style-type: none"> • Aboriginal Independent Science Review Team (AISRT) Report 	<p>PNW LNG responds via letter dated 3-Dec-2013.</p> <ul style="list-style-type: none"> • PNW LNG explains the Marine Technical Draft Report was completed in accordance with federal EISG (Section 9) to meet CEAA process requirements • PNW LNG confirms they have forwarded AISRT Report to Stantec professional advisors for review and comment (Dr. Philip Molloy) • Dr. Molloy will contact AISRT to engage on technical matters raised in their report • PNW LNG advises that next steps in CEAA process involve assessing effects on marine habitats and any mitigation and offset measures required to address potential impacts • PNW LNG offers to meet during week of 9-Dec-2013 or other suitable date for Lax Kw'alaams for further discussions <p>Attaches:</p> <ul style="list-style-type: none"> • Environmental Impact Statement Guidelines, October 30, 2013 <p>PNW LNG responds in letter dated 24-Feb-2014:</p> <ul style="list-style-type: none"> • PNW LNG believes Stantec response addresses AISRT comments. PNW LNG agrees that Marine TDR combined with information in Marine Sediment and Water Quality TDR provides solid foundation to undertake an assessment of marine resources required by CEAA and BCEAO. • PNW LNG welcomes opportunity to meet with Lax Kw'alaams to clarify any outstanding concerns 	In progress
Dec-2013	Payment	Capacity Funding		Payment to First Nations re: EA Field Studies - \$1,323.56 and \$6,503.25	In Progress
2-Dec-2013	Letter From: L. Jones of PNW To: Chief G. Reece of Lax Kw'alaams, sent via Email December 2, 2013 From: M. MacEwen of PNW To: Chief G. Reece of Lax Kw'alaams	Consultation		<p>PNW LNG responds via letter of December 2, 2013. PNW LNG reiterates offers to negotiate an Environmental Assessment Agreement and provide capacity funding.</p> <p>PNW LNG also reminds Lax Kw'alaams of substantial capacity payments already provided.</p> <p>PNW LNG promises to follow up with meeting to discuss.</p>	In Progress

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
3-Dec-2013	Letter by Email From: L. Jones of PNW To: Chief G. Reece of Lax Kw'alaams	Consultation Fresh and fish water habitat Marine ecosystems Environmental Impact Cumulative Effects		In response to Lax Kw'alaams letter of 22-Nov-2013 and AISRT Report. <ul style="list-style-type: none"> PNW LNG explains the Marine Technical Draft Report was completed in accordance with federal EISG (Section 9) to meet CEAA process requirements PNW LNG confirms they have forwarded AISRT Report to professional advisors for review and comment (Dr. Philip Molloy) Dr. Molloy will contact AISRT to engage on technical matters raised in their report PNW LNG advises that next steps in CEAA process involve assessing effects on marine habitats and any mitigation and offset measures required to address potential impacts PNW LNG offers to meet during week of 9-Dec-2013 or other suitable date for Lax Kw'alaams for further discussions Attaches: <ul style="list-style-type: none"> Environmental Impact Statement Guidelines, October 30, 2013 	In progress
04-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation		PNW LNG sends to Lax Kw'alaams and welcomes feedback: <ul style="list-style-type: none"> Plan for Procedural Aspects of Aboriginal Consultation 	In Progress
04-Dec-2013	Information Distribution via Email From: D. Camp (BLG) To: G. Burke (Lax Kw'alaams) and T. Duff (Lax Kw'alaams)	Consultation Fresh water and fish habitat	<ul style="list-style-type: none"> State of Skeena Estuary and potential impacts to it 	PNW LNG sends to Lax Kw'alaams for discussion purposes: <ul style="list-style-type: none"> Draft Skeena Estuary Conservation Initiative 	In Progress
10-Dec-2013	Letter via email c/o T. Duff (Lax Kw'alaams) From: G. Burke (Lax Kw'alaams) To: L. Jones (PNW)	Consultation Fresh water and fish habitat Scope of Assessment	RE: Meeting on November 5, 2013 between Environmental Advisors for PNW and Lax Kw'alaams. <ul style="list-style-type: none"> Responds to Lindsay Jones' ('NW) letter dated November 13, 2013 with draft Minutes Engagement respecting scope and content of studies in EA process Fish and fish habitat, marine resources in and around Skeena River estuary Attaches (with letter): <ul style="list-style-type: none"> Minutes from Meeting on November 5, 2013 (Amended) 		In Progress
12-Dec-2013	Meeting with Lax Kw'alaams	Consultation Cumulative Effects EA Methodology	<ul style="list-style-type: none"> Lax Kw'alaams s. 35 rights core values of marine and involvement process Lax Kw'alaams involvement opportunities in development and approval of EA process and studies PNW adhering to EA guidelines set by regulators Lax Kw'alaams' consideration of additional engagement re core values 	PNW LNG summarizes key points from meeting in a letter 22-Jan-2014. (Letter references meeting of December 11, 2013 in error)	In Progress
13-Dec-2013	Letter via Email (transmitted from BCEAO to PNW on 18-Jun-2014) From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO)	Environmental Assessment dAIR	Lax Kw'alaams review of second dAIR Issues: <ul style="list-style-type: none"> Revisions in comparison to first dAIR 41 items raised by Lax Kw'alaams in 04-Oct-2013 comments Scope of Assessment EA methodology 		In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
			<ul style="list-style-type: none"> • Selection of VCs • Aboriginal rights and title • Traditional Knowledge/Traditional Land Use • Cumulative effects Attaches: <ul style="list-style-type: none"> • Table listing specific concerns with the dAIR • Lax Kw'alaams annotated copy of Tracking Table 		
20-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation		PNW LNG sends draft record of consultation to Lax Kw'alaams and welcomes feedback: <ul style="list-style-type: none"> • Narrative Summary of Consultation • Appendix I - Table of Interactions • Appendix II - Participation in Field Studies • Appendix III Technical Reports Distribution List 28-Mar-2013 PNW LNG again attaches letter to Lax Kw'alaams from 20-Dec-2013 with summary of consultation. Welcomes Lax Kw'alaams' comments, although Summary of Consultation already submitted to BCEAO.	In Progress
08-Jan-2014	Letter via email From: Chief G. Reece (Lax Kw'alaams) To: I. Bergsma (DFO) Cc: S. Farlinger (DFO), L. Jones (PNW), G. Fraser (PNW) and D. Camp (BLG)	Fresh water and fish habitat Marine ecosystems BDP 2	RE: Second Round of Borehole Drilling near Lelu Island and Flora Bank <ul style="list-style-type: none"> • Determination of DFO regarding BDP 2 • Materials regarding application of BDP 2 • Consultation with Lax Kw'alaams on rights and title interests • Marine species and potential effect on fish and fish habitat • Baseline information on Skeena River Estuary and significant marine resource values in the Estuary 	DFO responded in a letter on 27-Jan-2014 <ul style="list-style-type: none"> • PNW LNG notified DFO about the borehole drilling • DFO then confirmed that the work would not have adverse impacts to fish and fish habitat • Confirmed that reasonable mitigation measures would be taken to prevent death or injury to fish 	Complete
14-Jan-2014	Letter via email (sent 20-Jan-2014) From: Chief G. Reece (Lax Kw'alaams) To: L. Jones (PNW)	Consultation BDP 1 and BDP 2	RE: Borehole Drilling Program Issues: <ul style="list-style-type: none"> • BDP 1 and BDP 2 approach to engagement with Lax Kw'alaams • Progress' approach to consultation on Project 	28-Jan-2014 (by email) PNW LNG writes to Lax Kw'alaams (cc: L. Keller (PRPA)): <ul style="list-style-type: none"> • PNW LNG wrote to Lax Kw'alaams 26-Jul-2013 responding to concerns re: BDP 1 (Lax Kw'alaams participated as monitor) • PNW LNG sent monitoring report completed after BDP 1 on 18-Sep-2013 – showing no adverse environmental impacts • Onshore portion of BDP 2 is complete – nearshore will continue. PNW LNG will provide monitoring reports to Lax Kw'alaams when completed PNW LNG continues to be available to discuss results of work and engage on project plans	In Progress PNW LNG will provide Lax Kw'alaams with copy of monitoring reports re: BDP 2 when completed
15-Jan-2014	Letter via email (transmitted on 27-Jan-2014) From: Chief G. Reece (Lax Kw'alaams), W. Drury (Lax Kw'alaams) To: L. Jones (PNW)	Consultation EA Capacity Funding Fresh water and fish habitat Marine ecosystems	<ul style="list-style-type: none"> • Follow-up to October 21, 2013 letter from PNW and meeting of December 12, 2013 Issues: <ul style="list-style-type: none"> • Consultation with Lax Kw'alaams • Crown's reliance on EA process guided by s. 11 order Attaches: <ul style="list-style-type: none"> • Letter from Chief Garry Reece (Lax Kw'alaams) to Kenneth Howes (BCEAO) dated December 11, 2013 	PNW LNG responds to Lax Kw'alaams' by letter on 21-Feb-2014. PNW LNG proposes to set up meeting to discuss issues: <ul style="list-style-type: none"> • Participation in EIS and EA Application • Capacity Funding • Environmental impact to Flora Bank, Skeena River Estuary ecosystem and fish and fish habitat 08-May-2014 PNW LNG sends full response, as Lax Kw'alaams did not respond.	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation		RE: Follow-up on letter of December 20, 2013 and requests that Lax Kw'alaams forward comments to BCEAO re: Narrative Summary of Consultation, Appendix I – Table of Interactions, Appendix II – Participation in Field Studies, Appendix III Technical Reports Distribution List PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation		RE: Follow-up on letter of December 4, 2013 re: Plan for Procedural Aspects of Aboriginal Consultation PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
21-Jan-2014	Letter via email From: B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams) Cc: W. Drury (Lax Kw'alaams), L. Giroday (Lax Kw'alaams)			PNW LNG writes to Lax Kw'alaams and requests for a copy of Lax Kw'alaams Land Use Plan (2004) to assist in responding to comments on dAIR.	In Progress
21-Jan-2014	Information Distribution: via Email From: M. MacEwen (PNW) To: Chief G. Reece (Lax Kw'alaams)	Archaeological Values Fresh water and fish habitat Marine ecosystems Habitat and Wildlife Studies Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds		PNW LNG distributed the following reports: <ul style="list-style-type: none"> Archaeological Inventory – Lelu Island report, November 27, 2013 Archeological Impact Assessment – Geotechnical Drilling Program, November 27, 2013 Draft Technical Data Report for Vegetation and Wetlands, September 2013 Draft Technical Data Report – Terrestrial Wildlife and Marine Birds, September 2013 Draft Rev. B Technical Data Report – Marine, October 2013 Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	Complete
22-Jan-2014	Letter via Email From: L. Jones (PNW) To: W. Drury and L. Giroday (Lax Kw'alaams)			PNW LNG summarizes key points of concern from 12-Dec-2013 meeting: <ul style="list-style-type: none"> Lax Kw'alaams s. 35 rights Core values of marine and involvement process Lax Kw'alaams involvement opportunities in development and approval of EA process and studies PNW adhering to EA guidelines set by regulators 	In Progress
24-Jan-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: L. Jones (PNW) Cc: Chief H. Leighton (Metlakatla), D. Camp (BLG)	Aboriginal rights and title Environmental Assessment Methodology	Letter dated 17-Jan-2014: <ul style="list-style-type: none"> Kitsumkalum's letter to CEAA of August 20, 2013 respecting their claim to aboriginal rights and title in Prince Rupert Harbour Lax Kw'alaams is preparing a comprehensive submission responding to the claims being made by Gitxaala, Kitselas and Kitsumkalum Attaches: <ul style="list-style-type: none"> Response to Letter of August 20, 2013 from Kitsumkalum Indian Band to Jack Smith, Canadian Environmental Assessment Agency 		In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
27-Jan-2014	Letter via email From: M. Engelsjord (DFO) To: Chief G. Reece (Lax Kw'alaams) Cc: S. Farlinger (DFO), L. Jones (PNW), G. Fraser (PNW), D. Camp (BLG)	Fresh water and fish habitat Marine ecosystems		DFO responded to Chief G. Reece's letter of January 8, 2014. <ul style="list-style-type: none"> Confirms PNW LNG notified DFO about the borehole drilling and that the work would not have adverse impacts to fish and fish habitat Confirmed that reasonable mitigation measures would be taken to prevent death or injury to fish 	Complete
28-Jan-2014	Letter via email From: L. Jones (PNW) To: Chief G. Reece (Lax Kw'alaams) Cc: D. Camp (BLG) and L. Keller (PRPA)	Consultation BDP 1 and BDP 2		PNW LNG writes to Lax Kw'alaams (cc: L. Keller (PRPA)) by letter pointing out the following: <ul style="list-style-type: none"> PNW LNG wrote to Lax Kw'alaams 26-Jul-2013 responding to concerns re: BDP 1 (Lax Kw'alaams participated as monitor) PNW LNG sent monitoring report completed after BDP 1 on 18-Sep-2013 – no adverse environmental impacts PNW LNG onshore portion of BDP 2 complete – nearshore will continue. PNW LNG will provide monitoring reports to Lax Kw'alaams when completed PNW LNG continues to be available to discuss results of work and engage on project plans 	In Progress PNW LNG will provide Lax Kw'alaams with copy of monitoring reports re: BDP 2 when completed
29-Jan-2014	Information Distribution via Email From: M. MacEwen (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation AIA		PNW LNG provides a link to download the report entitled "Proposed LNG Facility Site on Lelu Island: An Archaeological Impact Assessment" dated 31-Dec-2013.	Complete
19-Feb-2014	Information Distribution Letter via Email From: B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams) Cc: L. Giroday (Lax Kw'alaams)	dAIR		PNW LNG provides Lax Kw'alaams with: <ul style="list-style-type: none"> Final dAIR document with tracked changes, Feb-2014 Table of dAIR working group comments Also copied to B. Nelson (CEAA), K. Howes (BCEAO) and A. Pomeroy (Stantec) via e-mail. 20-Feb-2013 BCEAO provides Lax Kw'alaams with letter confirming acceptance of dAIR	Complete
21-Feb-2014	Letter via Email From: L. Jones (PNW) To: Chief G. Reece (Lax Kw'alaams), W. Drury (Lax Kw'alaams)	Consultation Environmental Assessment Capacity Funding Fresh water and fish habitat Marine ecosystems	<ul style="list-style-type: none"> Participation in EIS and EA Application Capacity Funding Environmental impact to Flora Bank, Skeena River Estuary ecosystem and fish and fish habitat 	PNW LNG responds to Lax Kw'alaams' letter of 15-Jan-2014. PNW LNG proposes to set up meeting to discuss issues.	In Progress
24-Feb-2014	Information Distribution via Letter From: M. Lambert (PNW) To: S. Dennis (Lax Kw'alaams) and R. Mather (Lax Kw'alaams)	Environmental Assessment EIS		PNW LNG delivers EIS and Application for EA Certificate.	In Progress
25-Feb-2014	Letter via Email From: B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams)	TDR		PNW LNG responds in letter dated 24-Feb-2014 to Lax Kw'alaams' letter of 22-Nov-2013. PNW LNG believes Stantec response addresses AISRT comments. PNW LNG agrees that Marine TDR combined with information in Marine Sediment and Water Quality TDR provides solid foundation to undertake an assessment of marine resources required by CEAA and BCEAO. PNW LNG asks for opportunity to meet with Lax Kw'alaams to clarify any outstanding concerns.	Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
27-Feb-2014	Information Distribution via Courier From: Stantec To: Lax Kw'alaams Band Office And to: Chief G. Reece (Lax Kw'alaams)	Environmental Assessment		Stantec delivered EA Application to First Nation via courier.	In Progress
06-Mar-2014	Letter via Email From: A. Hall (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation Environmental Assessment		PNW LNG acknowledges that there may be concerns regarding the EIS and Application. PNW LNG welcomes First Nations community to discuss the Project at the meetings proposed by PNW.	In Progress
19-Mar-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: C. Waters (BCEAO) Cc: L. Jones (PNW)	Consultation Environmental Assessment Environmental Impacts Aboriginal rights and title	Letter dated 05-Mar-2013 from Chief Garry Reece (Lax Kw'alaams) to Cory Waters. Issues: <ul style="list-style-type: none"> BCEAO's assessment of the band's strength of claims to aboriginal rights and title interests Potential project impacts on the band's interests Degree of Crown consultation 		In Progress
21-Mar-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO), B. Nelson (CEAA), E. Hubert (BCEAO), M. Lambert (PNW), D. Camp (BLG)	Consultation Environmental Assessment AIR Capacity Funding Fresh water and fish habitat Marine ecosystems Fish and fish habitat	<ul style="list-style-type: none"> AIR Requirements Lax Kw'alaams comments to dAIR Assessment of the Application against AIR Opportunities to undertake Aboriginal Interest and Use Study Engagement between Crown, Lax Kw'alaams and EA of the Project Information in the Application relating to Lax Kw'alaams Aboriginal rights Impacts on marine resources (i.e. fisheries, marine environment, Flora Bank, Skeena River estuary) <ul style="list-style-type: none"> Fish and fish habitat Navigation Traditional use Suitability of proposed project location Cumulative effects assessment (CEA) <p>Attaches:</p> <ul style="list-style-type: none"> AIR Table of Concordance with Lax Kw'alaams' comments Appendix A: Comments of Lax Kw'alaams on Sufficiency of Marine and Fisheries Information in the Application AISRT Report 	28-Mar-2014 PNW LNG replies in an email to Chief G. Reece again requesting copy of Lax Kw'alaams' Land and Marine Resources Plan. Attaches previous letter from B. Clark (PNW) to Chief G. Reece (Lax Kw'alaams) dated 21-Jan-2014.	In Progress
21-Mar-2014	Information Distribution Letter by Email and Mail From: Chief G. Reece (Lax Kw'alaams) To: L. Jones (PNW) and D. Camp (BLG)	Consultation Environmental Assessment Aboriginal rights and title	<ul style="list-style-type: none"> Report addresses recent claims of Gitxaala, Kitselas and Kitsumkalum to Prince Rupert Harbour and surrounding coastal areas Lax Kw'alaams seeks meeting with PNW LNG to provide them with presentation on the summary report and to discuss aboriginal rights and title interests <p>Attaches:</p> <ul style="list-style-type: none"> Report entitled "First Nation Traditional Territory in the Prince Rupert Harbour Area & the North Coast" CD of summary report and supporting documents (sent via mail) 	PNW LNG and Lax Kw'alaams exchange emails from 07-Apr-2014 to 14-Apr-2014 setting up meeting to discuss. 24-Apr-2014 Lax Kw'alaams confirmed via email the meeting with PNW LNG set for May 6, 2014 from 10:30 a.m. – 1:00 p.m.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
25-Mar-2014	Letter via Email From: K. Howes (BCEAO) To: Chief G. Reece (Lax Kw'alaams) Cc: M. Lambert (PNW)	Consultation Environmental Assessment		BCEAO confirms that PNW LNG's Application for an EA Certificate was found to contain required information specified in the final AIR. 180-day review process has begun. Draft Assessment Report will be circulated by BCEAO in 4-5 months to Working Group First Nation can submit separate submission to EAO to be provided to Ministers Proposed Project available on EAO website. 25-Mar-2014 CEAA emailed the Working Group Members re: the Application screening and updates to same. Also provided FTP link for EIS Application. CEAA requests detailed feedback by 01-May-2014 and provides details on Working Group meetings and open houses. Attaches: PNW LNG EIS Comment Table (template)	In Progress
27-Mar-2014	Meetings Between: KBR and B. Moraes and between: F. DeBartolo (assistant to Chief G. Reece) Teleconference Between: KBR and F. Belfry, GM (Embark) and P. Tapp, Community Infrastructure & Development (Embark)	Consultation		Meeting set up by W. Drury (Lax Kw'alaams)	Complete
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams) and Council	Environmental Assessment EIS		PNW LNG again asks for the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress
28-Mar-2014	Email From B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation Environmental Assessment		Email to Chief G. Reece again requesting copy of Lax Kw'alaams' Land and Marine Resources Plan. Attaches previous letter from B. Clark (PNW) to Chief G. Reece (Lax Kw'alaams) dated 21-Jan-2014.	In Progress
28-Mar-2014	Email From B. Clark (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation Environmental Assessment		PNW LNG again attaches letter to Lax Kw'alaams from 20-Dec-2013 with summary of consultation. Welcomes Lax Kw'alaams' comments, although Summary of Consultation already submitted to BCEAO.	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
31-Mar-2014	Letter via Email (transmitted on 10-Apr-2014) From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO) Cc: M. Lambert (PNW) and D. Camp (BLG)	Consultation Environmental Assessment Aboriginal rights and title Environmental Impacts Capacity Funding	<ul style="list-style-type: none"> • Crown's approach to consultation • Lax Kw'alaams says it is unclear as to what aspects of the duties owed are the Crown's or PNW LNG's, as the delegation of these duties were, according to Lax Kw'alaams, undertaken unilaterally by the Crown • Consultation between Lax Kw'alaams and PNW LNG • Identification of Lax Kw'alaams' rights and interests, potential effects of the Project and mitigation measures • EAO's approach to its Assessment Report and addressing issues raised by Lax Kw'alaams • Capacity funding for Lax Kw'alaams to participate in the EA process • Draft order comments 		In Progress
07-Apr-2014	Email Between: L. Giroday (Lax Kw'alaams) And: L. Jones (PNW), D. Camp (BLG) and S. Jones (BLG)			Email thread between PNW LNG and Lax Kw'alaams to 14-Apr-2014 regarding setting up meeting to discuss First Nation claims	
08-Apr-2014	Meeting Information Distribution Attendees: Working Group Members NOTE:	Environmental Assessment	<ul style="list-style-type: none"> • Crown's constitutional obligation to First Nations respecting consultation and involvement in the Project. • Scope of the EA • Timeline • Strength of claim and duty to consult • Involvement in the EA • Cumulative effects assessment • Baseline data • Mitigation measures • Consideration of Aboriginal interests in the EA process 	PNW LNG presented 8 EA Health PowerPoint presentations.	Complete
08-Apr-2014	Letter via Email (Transmitted on 16-Apr-2014) From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO) Cc: L. Jones (PNW) and D. Camp (BLG)	Consultation Environmental Assessment Scope of Assessment Cumulative Effects Aboriginal rights and title		Working Group meeting was held on April 8, 2014, but Lax Kw'alaams did not attend.	In Progress
16-Apr-2014	Letter via Email From: G. Kist (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation		PNW LNG invites Lax Kw'alaams to attend a tour of the PETRONAS LNG Facility in Bintulu, Malaysia during the week of May 11-17, 2014 PNW LNG offers to cover airfare, accommodation and meals.	In Progress
24-Apr-2014	Email From: L. Giroday (Lax Kw'alaams) To: D. Camp (BLG), L. Jones (PNW) Cc: W. Drury (Lax Kw'alaams), G. McDade, Chief G. Reece (Lax Kw'alaams)	Consultation Environmental Assessment Aboriginal rights and title Effect on First Nations rights and interests	Lax Kw'alaams confirmed meeting with PNW LNG set for May 6, 2014 from 10:30 a.m. – 1:00 p.m.	01-May-2014 PNW LNG confirmed via email that meeting to be held at Radcliffe offices with attendees: G. McDade, L. Giroday, W. Drury and maybe Chief G. Reece. 06-May-2014 Lax Kw'alaams cancelled meeting as they are of the view that meeting with PNW LNG will not be fruitful at this time. L. Giroday does not have instructions to meet with PNW LNG	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
28-Apr-2014	Email From: M. MacEwen for B. Clark (PNW) To: A. MacDonald (The Firelight Group)(Lax Kw'alaams)	Consultation Environmental Assessment		PNW LNG Invitation to dinner meeting to explore opportunities for fish habitat offset program	In Progress
01-May-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO), C. Ponsford (CEAA) Cc: E. Hubert (BCEAO), M. Lambert (PNW), D. Camp (BLG), L. Giroday (Lax Kw'alaams), P. Millerd (Lax Kw'alaams)	Consultation Environmental Assessment Aboriginal rights and title Effect on First Nations rights and interests EISG AIR Baseline conditions Fish and fish habitat Marine ecosystems Marine traffic CMTs Cumulative Effects Selection of VCs Socio-economic effects Marine navigation Scope of assessment	<ul style="list-style-type: none"> • Assessment of the potential effects of the Project • Aboriginal rights, impacts on marine resources and treatment of location alternatives • Consultation process and engagement with Lax Kw'alaams • Collection of information re: Lax Kw'alaams rights and title interests • PNW LNG's positions regarding project location and impacts on fisheries resources • Engagement and consultation between Crown and Lax Kw'alaams in EA of Project • Information regarding Lax Kw'alaams' aboriginal rights in the Application (i.e. traditional land use, traditional knowledge information) • Baseline studies • Project impact on fisheries and marine values • CMTs and archaeological assessment • Cumulative effects assessment • Valued Components • Social and economic Project effects • Navigation in Prince Rupert Harbour, Porpoise Channel, Kitson Island, Flora Bank and Skeena River estuary • Marine and cultural values • Description and assessment of Project effects in the Application <p>Attaches:</p> <ul style="list-style-type: none"> • Lax Kw'alaams' comment table 		In Progress
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief G. Reece (Lax Kw'alaams)	Consultation First Nations Job Opportunities		PNW LNG notifies Lax Kw'alaams of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
02-May-2014	Information Distribution From: Jillian Smith (CEAA) To: M. Lambert (PNW) and	Environmental Assessment	CEAA provides to PNW LNG the Working Group comments up to May 2, 2014. Lax Kw'alaams' letter 01-May-2014 to BCEAO re: EIS/Application Technical Review: <ul style="list-style-type: none"> • Assessment of potential effects of the Project • Timelines and Capacity funding • Consultation and engagement • Collection of baseline data, study design standards and methodology • Project location • Impact on fisheries resources • Crown's duty to consult • Aboriginal rights and title interests • Fish and fish habitat • CMTs • Identification of VCs • Cumulative effects 		In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
			<ul style="list-style-type: none"> Socio-economic impacts Scope of the Project Navigation and marine traffic 		
06-May-2014	Email From: L. Giroday (Lax Kw'alaams) To: D. Camp (BLG), L. Jones (PNW) Cc: W. Drury (Lax Kw'alaams), G. McDade, Chief G. Reece (Lax Kw'alaams)	Consultation Environmental Assessment Aboriginal rights and title Effect on First Nations rights and interests	<ul style="list-style-type: none"> Discussion of report "First Nation Traditional Territory in the Prince Rupert Harbour Area & North Coast" L. Giroday notified D. Camp and L. Jones meeting cancelled as Lax Kw'alaams does not think meeting with PNW LNG will be fruitful at this time. L. Giroday does not have instructions to meet with PNW LNG. 	Lax Kw'alaams' counsel confirmed meeting with PNW LNG set for 06-May-2014. PNW LNG confirmed meeting to be held at Radcliffe offices with attendees: G. McDade, L. Giroday, W. Drury and maybe Chief G. Reece. 06-May-2014 L. Giroday notified D. Camp and L. Jones meeting cancelled as Lax Kw'alaams does not think meeting with PNW LNG will be fruitful at this time. L. Giroday does not have instructions to meet with PNW LNG. D. Camp (BLG) emails L. Giroday requesting meeting re-schedule to meet with Lax Kw'alaams to discuss the various issues raised, including Project location, capacity funding and EA process.	In Progress
06-May-2014	Information Distribution via Email From: E. Hubert (BCEAO) To: A. Pomeroy (Stantec), B. Clark (PNW), and M. Lambert (PNW)	Environmental Assessment	BCEAO provides PNW LNG with a copy of Lax Kw'alaams Aboriginal Independent Science Review Team (AISRT) Report, PETRONAS - PNWLNG EIS Review, April 25, 2014. *Note: BCEAO indicates this does not meet the criteria set out by EAO's Public Comment Policy and will not be posted on the EAO website.		Complete
08-May-2014	Letter via Email From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams) and W. Drury (Lax Kw'alaams)	Consultation EA Capacity Funding Fresh water and fish habitat Marine ecosystems	<ul style="list-style-type: none"> EA timelines, EA process and Project location Consultation Assessment of potential impacts Development of mitigation strategies EA Work Plan and Capacity Funding Comments re: draft s. 11 Order Traditional Use Study Strength of Claim assessments dAIR Aboriginal rights and interests Scope of the assessment EISG Selection of Valued Components Cumulative impacts Fish and fish habitat Marine Traffic 	PNW LNG provides a response to Lax Kw'alaams' 15-Jan-2014 letter (transmitted by Lax Kw'alaams on 27-Jan-2014) dated 10-Feb-2014. PNW LNG did not receive a response from Lax Kw'alaams to their consultation plan sent 04-Dec-2013 or consultation record sent 20-Dec-2013. PNW LNG welcomes Lax Kw'alaams' views in development of appropriate measures to address potential impacts of the Project. Lax Kw'alaams has not responded positively to opportunities to address concerns re: s. 11 order. Lax Kw'alaams has not provided comments to consultation record Some of Lax Kw'alaams' concerns already addressed by statute, existing case law, or are within Crown's discretion. PNW LNG has met Lax Kw'alaams' requests related to s. 11 Order (i.e. commenting on Aboriginal Consultation Plan, Other points discussed: <ul style="list-style-type: none"> EA timelines, EA process and Project location Consultation Assessment of potential impacts Development of mitigation strategies EA Work Plan and Capacity Funding Comments re: draft s. 11 Order Traditional Use Study Strength of Claim assessments dAIR Aboriginal rights and interests 	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
				<ul style="list-style-type: none"> • Scope of the assessment <p>PNW LNG has revised its Application and EIS application in response to feedback re: LAA, Visual Impacts, Terrestrial Wildlife and Marine Birds, Economic Environment, Human and Ecological Health and Acoustic Environment)</p> <p>Habitat based approach to fish studies is consistent with requirements of DFO and EA process.</p> <p>PNW LNG has accommodated Lax Kw'alaams' concerns (summarized in record of consultation provided 20-Dec-2013):</p> <ul style="list-style-type: none"> • Implementing additional archaeological monitoring and mitigation measures during geotechnical investigations • Conducting additional marine habitat investigations • Investigating alternatives for jetty-trestle locations and designs • Conducting additional marine monitoring studies • Making arrangements to conduct additional acoustic field study • Adding 10km and 2km buffers to LAA for Marine Resources and Acoustic Environment <p>Attaches:</p> <ul style="list-style-type: none"> • Proposal for the Skeena River Conservation Foundation • Juvenile Salmonid Utilization in the Skeena River Estuary <p>PNW LNG invites Lax Kw'alaams to meet and discuss issues and measures to avoid, mitigate or offset potential impacts to Lax Kw'alaams' interests.</p> <p>26-May-2014 – Email confirmation from L. Giroday that Lax Kw'alaams will respond in forthcoming letter</p>	
09-May-2014	From: C. Ponsford (CEAA) To: M. Lambert (PNW) Cc: PNW LNG Technical Working Group members	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> • Marine Resources • Wildlife and Marine Birds • Air Quality • Human Health • Aboriginal Groups 		In Progress
13-May-2014	Letter via Email From: B. Clark (PNW) To: A. MacDonald (The Firelight Group)(Lax Kw'alaams)	Consultation Marine Habitat Offset Strategy		PNW LNG invites Lax Kw'alaams to participate in field trip/boat trip for week of June 9-10, 2010 to help explore habitat offset ideas Introduces David Gordon with Stantec PNW LNG followed up on 02-Jun-2014 and indicated PNW LNG will re-schedule field/boat trip to Lelu Island for June 17-18, 2014 due to CEAA Technical Sub-Working Group meetings.	In Progress
26-May-2014	Email From: L. Giroday (Lax Kw'alaams) To: David Camp (BLG)	Consultation		Email thread commencing May 6, 2014 ending May 26, 2014 between L. Giroday (Lax Kw'alaams) and David Camp (BLG). RE: Meeting cancellation Lax Kw'alaams will respond in a forthcoming letter regarding May 8, 2014 letter from Michael Lambert (PNW)	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
27-May-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: C. Ponsford (CEAA) Cc: M. Lambert (PNW), K. Howes (BCEAO) and D. Camp (BLG)	Environmental Assessment	RE: PNW LNG Information Request in response to CEAA's letter of 09-May-2014 <ul style="list-style-type: none"> EA of the Project Aboriginal rights and title interests Information gaps in EIS/Application navigation and archaeological values studies and collection of data and information Attaches: <ul style="list-style-type: none"> Lax Kw'alaams Band Information Requests RE: PNW LNG Application/EIS 		In Progress
27-May-2014	Email From: L. Giroday (Lax Kw'alaams) To: M. MacEwen (PNW) Cc: D. Camp (BLG), A. MacDonald (The Firelight Group)(Lax Kw'alaams)	Consultation Environmental Assessment	Lax Kw'alaams requests for EA related correspondence to be forwarded to W. Drury (Lax Kw'alaams) and L. Giroday (Lax Kw'alaams)	PNW LNG confirms they will be forwarding future correspondence directly to W. Drury and L. Giroday.	Complete
28-May-2014	Information Distribution via Email From: C. Anderson (CEAA) To: Chief G. Reece (Lax Kw'alaams) Cc: M. Lambert (PNW)	Environmental Assessment EIS	CEAA provides to Lax Kw'alaams detailed information requests of May 13, 2014 and May 21, 2014 which may reflect many information requests in Lax Kw'alaams' letter of 23-May-2014	No action by PNW LNG required.	Complete
28-May-2014	Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of the Working Group EIS Comments: <ul style="list-style-type: none"> Email from Catherine Ponsford (CEAA) to Working Group members dated May 26, 2014 Email from Catherine Ponsford (CEAA) to Environment Canada (EC), Pacific Northwest (PNW), BCEAO and Stantec, dated May 27, 2014 Email from Nick Russo (EC) to Catherine Ponsford (CEAA) May 23, 2014. Record of Discussion - PNW LNG Project - PNW LNG, EC and CEAA May 21, 2014, 3pm, CEAA office in Vancouver Draft EIS/Application Review Working Group Comments Draft EIS/Application Review Federal Information Request Record of Discussion - PNW LNG Project - DFO, PNW LNG, CEAA, May 20, 2014, 9:30 a.m., DFO Office, Nanaimo 	No action by PNW LNG required.	Complete
29-May-2014	Email From: M. MacEwen (PNW) To: L. Giroday (Lax Kw'alaams) and W. Drury (Lax Kw'alaams)	Consultation Environmental Assessment		PNW LNG follow-up to email of 28-Apr-2014. Invitation to Lax Kw'alaams dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities	In Progress
30-May-2014	Information Distribution via Email From: J. Thorne (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a Table of Federal Information Requests, May 28, 2014	No action by PNW LNG required.	Complete
02-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: W. Dury (Lax Kw'alaams) and L. Giroday (Lax Kw'alaams)	Consultation Environmental Assessment Marine Habitat Offset Strategy		PNW LNG follow-up to May 13, 2014 letter PNW LNG to re-schedule field/boat trip to Lelu Island for June 17-18, 2014 due to CEAA Technical Sub-Working Group meetings. Follow-up email sent 16-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief H. Leighton (Metlakatla)	Consultation First Nations Job Opportunities		PNW LNG notifies Lax Kw'alaams of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
03-Jun-2014	Letter via Email (transmitted on 06-Jun-2014) From: Chief G. Reece (Lax Kw'alaams) To: L. Jones (PNW)	Consultation Aboriginal rights and title Marine traffic Capacity Funding Scope of Assessment CMTs Environmental Assessment Strength of Claims	RE: Summary of Consultation - Lax Kw'alaams Band Lax Kw'alaams' response to December 20, 20113 email and enclosures from PNW LNG Issues: <ul style="list-style-type: none"> Aboriginal rights and title interests Marine traffic and use restrictions Crown's duty to consult Methodology and data collection Engagement Capacity Funding site of the Project on Lelu Island and trestle location timelines and collection of baseline data scope of assessment Geotechnical studies (Marine and Land) CMTs archaeological impact assessment borehole drilling program EA process strength of claims 		In Progress
03-Jun-2014	Letter via Email (transmitted on 13-Jun-2014) From: Chief G. Reece (Lax Kw'alaams) To: M. Lambert (PNW)	Consultation Environmental Assessment Aboriginal rights and title Collection of baseline data EISG EIS/Application	Response to PNW LNG's letter dated February 10, 2014 and May 7, 2014 Issues: <ul style="list-style-type: none"> Lax Kw'alaams' concerns and consultation Capacity funding Assessment of Project impacts Aboriginal rights and title interests EA process, draft s. 11 order Lax Kw'alaams' input respecting the EISG and AIR in EIS/Application Timelines of submissions Baseline data collection Engagement with Lax Kw'alaams 	PNW LNG responds in a letter dated 21-Jul-2014 (see entry below)	In Progress
04-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of an email from L. Poier (CEAA) to M. Lambert (PNW) dated 02-Jun-2014 re: Further aspect of federal Information Requests.	No action by PNW LNG required.	Complete
05-Jun-2014	Email From: W. Drury (Lax Kw'alaams) To: M. MacEwen (PNW)	Consultation	Lax Kw'alaams accepts dinner invitation to discuss concerns re: conservation and preservation of marine resources	No action by PNW LNG required.	Complete
05-Jun-2014	Letter via Email From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams)	Environmental Assessment		PNW LNG thanks Lax Kw'alaams for contributions to EA process to date. PNW LNG prepared to discuss financial support for documented expenses associated with Lax Kw'alaams' participation in EA process. Invitation from PNW LNG for opportunity to meet with Lax Kw'alaams to discuss concerns and present Lax Kw'alaams with	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
				efforts made re: avoid, mitigate and offset potential impacts of Project Attaches: <ul style="list-style-type: none"> • Letter from Michael Lambert (PNW) to Chief Garry Reece (Lax Kw'alaams) and Council dated June 5, 2014. • PNW LNG Table of Invitations to Consult with Lax Kw'alaams, May 28, 2014 • Email from Miranda MacEwen (PNW) to Chief Garry Reece (Lax Kw'alaams) dated December 20, 2013 with enclosures. • Email from Miranda MacEwen (PNW) to Chief Garry Reece (Lax Kw'alaams) dated December 4, 2013 with enclosures. • Letter from Cindy Rutherford (PNW) to Wayne Drury (Lax Kw'alaams) dated January 24, 2013 • Email from Liezl de Jesus (Lax Kw'alaams) to Kenneth Howes (BCEAO) with enclosures. • Letter from Michael Lambert (PNW) to Kenneth Howes (BCEAO) dated June 4, 2014. • Letter from Chief Garry Reece (Lax Kw'alaams) to Kenneth Howes (BCEAO) dated March 31, 2014 • .Email from Liezl de Jesus (Lax Kw'alaams) to Kenneth Howes (BCEAO) dated April 16, 2014 with enclosures. • Letter from Chief Garry Reece (Lax Kw'alaams) to Kenneth Howes (BCEAO) and Catherine Ponsford (CEAA) dated May. 	
06-Jun-2014	Email From: B. Clark (PNW) To: W. Drury (Lax Kw'alaams)	Consultation Environmental Assessment Marine Habitat Offset Strategy		PNW LNG confirms Lax Kw'alaams to attend working group session and dinner on June 9, 2014 Habitat offsetting options Enhancement potential in Skeena estuary field tour in late June	In Progress
06-Jun-2014	Email From: L. Giroday (Lax Kw'alaams) To: C. Anderson (CEAA) and Chief G. Reece (Lax Kw'alaams) Cc: M. Lambert (PNW) and D. Camp (BLG)	Environmental Assessment Aboriginal rights and title	RE: PNW LNG Information Lax Kw'alaams is reviewing IRs Aboriginal rights and title interests Further assessment to be provided by Lax Kw'alaams		In Progress
07-Jun-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: M. Armineilahi (Bechtel Limited) Cc: M. Lambert (PNW)	Consultation	RE: Lax Kw'alaams Band Participation Contracting to PNW LNG Issues: <ul style="list-style-type: none"> • Location of Project and potential impacts to marine resources (i.e. salmon runs on the Skeena River) • Participation of Lax Kw'alaams and consultation process 	No action by PNW LNG required.	Complete
11-Jun-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: D. Rosentreter (KBR) Cc: M. Lambert (PNW), Chief H. Leighton (Metlakatla) and G. Burke (Lax Kw'alaams)	Consultation	RE: Lax Kw'alaams Band Participation Contracting to PNW LNG Lax Kw'alaams cannot have discussions with KBR re: economic participation through contracting	No action by PNW LNG required. KBR responds 12-Jun-2014 and indicates Lax Kw'alaams' letter of 11-Jun-2014 sent to highest level of KBR for review and comment KBR invites to meet with Lax Kw'alaams in advance of response.	In Progress

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Lax Kw'alaams					
11-Jun-2014	Letter via Email (transmitted on 13-Jun-2014)	Consultation Environmental Assessment AIR Environmental Impacts Collection of baseline data Aboriginal rights and title Capacity Funding	RE: PWN LNG - Final Application Information Requirements (AIR) Issues: <ul style="list-style-type: none"> • Responses to concerns raised in dAIR • Duty to consult and engagement • EA process and methodology • Aboriginal rights and interests • Selection of VCs • Funding • Project effects on Flora Bank and Skeena River estuary (dredging, jetty, berth construction, marine traffic) • Collection of baseline data • potential Project impacts Attaches: <ul style="list-style-type: none"> • Draft Application Information Requirements Working Group Comments tracking table 		In Progress
16-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: W. Dury (Lax Kw'alaams) and L. Giroday (Lax Kw'alaams)	Consultation Environmental Assessment Marine Habitat Offset Strategy		Follow up to email sent 02-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014	In Progress
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEAA Working Group's comments tables and FTP site of updated memorandums.	No action from PNW LNG required.	Complete
24-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: The Working Group	Environmental Assessment		Further to Working Group Meeting of 09-Jun-2014 CEAA provides to Working Group : Letter From: M. Lambert (PNW) To: C. Ponsford (CEAA) with attached: <ul style="list-style-type: none"> • Table 1: List of Technical Memoranda. No further action from PNW LNG required.	Complete
25-Jun-2014	Email From: C. Anderson (CEAA) To: L. Giroday (Lax Kw'alaams), W. Drury (Lax Kw'alaams), A. MacDonald (The Firelight Group) Cc: C. Ponsford (CEAA), K. Howes (BCEAO), M. Lambert (PNW), A. Pomeroy (Stantec)	Environmental Assessment Federal Information Requests		CEAA requests for Lax Kw'alaams Advice on PNW LNG Responses to Information Requests Attaches: <ul style="list-style-type: none"> • Table A - for Lax Kw'alaams Comments and Advice on PNW IR Responses • Table B - PNW Responses to Federal Information Requests No further action by PNW LNG required.	In Progress
26-Jun-2014	Email From: W. Drury (Lax Kw'alaams) To: M. Lambert (PNW)	Consultation Capacity Funding	<ul style="list-style-type: none"> • Lax Kw'alaams requests meeting to discuss capacity funding. 	PNW LNG agrees to meeting for 02-Jul-2014. Attaches: <ul style="list-style-type: none"> • Photograph of Flora Bank Kitson Island, 17-Jun-2014 at low tide 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
26-Jun-2014	Letter via Email From: C. Anderson (CEAA) To: Chief G. Reece (Lax Kw'alaams) Cc: M. Lambert (PNW), L. Giroday (Lax Kw'alaams), C. Ponsford (CEAA), K. Howes (BCEAO)	Federal Information Requests	Response to Lax Kw'alaams of 23-May-2014 letter to C. Ponsford (CEAA) RE: Lax Kw'alaams Letter to the Agency on PNW LNG Project - Information Request <ul style="list-style-type: none">Similarity between IRs submitted by Lax Kw'alaams with letter dated May 23, 2014 and May 1, 2014 submissionCEAA encouraged Lax Kw'alaams to identify any gaps in information and provide them to CEAA during the comment period	No action by PNW LNG required.	In Progress
27-Jun-2014	Email thread Between: C. Anderson (CEAA) And: L. Giroday (Lax Kw'alaams), W. Drury (Lax Kw'alaams), A. MacDonald (The Firelight Group) Cc: M. Lambert (PNW), C. Ponsford (CEAA), K. Howes (BCEAO), A. Pomeroy (Stantec), P. Millerd (Lax Kw'alaams)	Environmental Assessment Aboriginal rights and title Federal Information Requests Scope of Assessment Timeframe Consultation	<ul style="list-style-type: none">Lax Kw'alaams is reviewing PNW LNG's responses to the IRs posed by CEAA and the responses to the comments on the application.Lax Kw'alaams assessing whether the IRs provided by Lax Kw'alaams on PNW LNG's application have been covered in the responses.Due to timeframe and the volume of materials to be reviewed, a consultation meeting with CEAA would be considered, but would be difficult to conduct during this review period.	CEAA offered assistance to Lax Kw'alaams to facilitate a potential meeting during the timeframe indicated. No action by PNW LNG required.	In Progress
27-Jun-2014	Meeting Attendees: Lax Kw'alaams: G. Burke, T. Duff, D. Korbin, G. Abbott, R. de Faye, and C. Trumpy PNW LNG: L. Jones, B. Clark, N. Rambhai, D. Camp, D. Fairbairn, S. Jones	Consultation Environmental Assessment Environmental Impacts	<ul style="list-style-type: none">Sediment toxicity and effects on human healthDredgingDisposal at sea – location, dispersalPotential impacts on Flora BankScouring from boat traffic and jettyJetty location and potential impacts	Presentation provided by PNW LNG to Lax Kw'alaams IBA Team.	Complete
03-Jul-2014	Letter From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams)	Environmental Assessment Consultation Timelines		PNW LNG responds to Lax Kw'alaams' letter dated 03-Jun-2014 <ul style="list-style-type: none">Address Lax Kw'alaams' comments re: EA processPNW LNG invites Lax Kw'alaams to meet and to re-schedule the 06-May-2014 meeting that was cancelled by Lax Kw'alaamsPNW LNG relationship with Lax Kw'alaamsDiscuss issues and concerns raised by Lax Kw'alaamsTimelines and working together with communities and potentially affected First Nations PNW LNG proposed meeting during the week of July 9, 2014	In Progress
18-Jul-2014	Letter via Email From: L. Giroday (Lax Kw'alaams) To: C. Ponsford (CEAA) Cc: C. Anderson (CEAA), K. Howes (BCEAO), M. Lambert (PNW), D. Camp (BLG), W. Drury (Lax Kw'alaams), Chief G. Reece (Lax Kw'alaams)	Environmental Assessment IRs	Lax Kw'alaams provides CEAA with their comments to PNW LNG's responses to CEAA's IRs Issues: <ul style="list-style-type: none">Project effects on Flora Bank and Skeena River estuary re: marine traffic, fish and fish habitatCollection of baseline informationTraditional useAboriginal rights and titleScope of assessment Attaches: <ul style="list-style-type: none">Table of Lax Kw'alaams Outstanding Information RequestsTable B - PNW Responses to CEAA IRs		In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Lax Kw'alaams					
18-Jul-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO, C. Ponsford (CEAA) Cc: E. Hubert (BCEAO), M. Lambert (PNW), D. Camp (BLG), C. Anderson (CEAA)	Environmental Assessment Consultation Aboriginal rights and title Land use studies CMTs Project location Selection of VCs Cumulative effects	PNW LNG writes to BCEAO and CEAA regarding PNW's responses to Lax Kw'alaams' Comments on the EIS/Application <ul style="list-style-type: none">Impacts on Lax Kw'alaams aboriginal rights and titleConsultation and engagement between Lax Kw'alaams and PNW LNGLand use studiesUse of Archaeological and Heritage ValuesCMTsLocation alternativesAssessment of impacts on marine resourcesTreatment of Cumulative EffectsSelection of Valued ComponentsTreatment of socio-economic impactsAssessment of impacts on navigationDescription and assessment of Project's effects Attaches: <ul style="list-style-type: none">Comment tracking tablesAISRT Report #37 – Review of Proponent's Response to CEAA Deficiencies		In Progress
21-Jul-2014	Letter via Email From: M. Lambert (PNW) To: Chief G. Reece (Lax Kw'alaams)	Environmental Assessment Consultation Engagement Capacity Funding Fish and Fish Habitat Timelines Project Location Collection of Baseline information		PNW LNG responds to Lax Kw'alaams' letter dated June 3, 2014 Issues: <ul style="list-style-type: none">EA processmarine habitats around Lelu Island and in the Skeena Estuaryduty to consulttiming and project locationcapacity fundingbaseline studies and collection of informationconsultation regarding marine and terrestrial geotechnical workEngagement with Lax Kw'alaams going forward	In Progress
21-Jul-2014	Email From: M. Lambert (PNW) To: L. Giroday, W. Drury (Lax Kw'alaams)	Environmental Assessment ROV		PNW LNG gives notice to Lax Kw'alaams regarding ROV Field Work and invites Lax Kw'alaams to participate. W. Drury (Lax Kw'alaams) responds 22-Jul-2014 – will see who would be available to participate.	Complete
22-Jul-2014	Email From: W. Drury (Lax Kw'alaams) To: M. Lambert (PNW), M. Duivan (Skeena Fisheries)	Environmental Assessment ROV	Lax Kw'alaams will see who would be available to participate and will respond in detail to PNW LNG.		In Progress
23-Jul-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: C. Ponsford (CEAA) Cc: C. Anderson (CEAA), K. Howes (BCEAO), M. Lambert (PNW), D. Camp (BLG), M. Bradley, L. Giroday (Lax Kw'alaams)	Environmental Assessment Marine navigation Aboriginal rights and title	Re Comments on PNW LNG responses to the federal non-information request comments Issues: <ul style="list-style-type: none">Project emissionsImpacts on marine navigationlocation alternatives for Disposal at SeaMonitoring programs for air, noise and waterAboriginal rights and titleEnvironmental Assessment process Attaches:		In Progress

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Lax Kw'alaams					
			<ul style="list-style-type: none"> Lax Kw'alaams' Table of comments 		
25-Jul-2014	Information Distribution via Email From: P. Millerd (Lax Kw'alaams) To: C. Ponsford (CEAA), K. Howes (BCEAO) Cc: E. Hubert (BCEAO), C. Anderson (CEAA), M. Lambert (PNW), D. Camp (BLG), W. Drury (Lax Kw'alaams), Chief G. Reece (Lax Kw'alaams), L. Giroday (Lax Kw'alaams)	Environmental Assessment	Lax Kw'alaams provides CEAA, BCEAO and PNW with final version of Comment Tracking Table		Complete
25-Jul-2014	Letter via Email From: Chief G. Reece (Lax Kw'alaams) To: K. Howes (BCEAO) Cc: C. Ponsford (CEAA), C. Anderson (CEAA), L. Keller (PRPA), A. Mayer (PRPA), M. Lambert (PNW) and D. Camp (BLG)	Environmental Assessment Consultation Aboriginal rights and title Collection of baseline data EA Process Cumulative impacts	RE: Consultation between PNW LNG and Lax Kw'alaams Response to letter from PNW to BCEAO dated June 4, 2014 Issues: <ul style="list-style-type: none"> Consultation Aboriginal rights and title Collection of baseline data Timelines for the EA Conduct of studies Environmental Assessment process Engagement and meetings with PNW LNG Mitigation of the effects of the Project 		In Progress
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> Annex 1: Detailed Comments related to Disposal at Sea Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests PNW LNG Information Request - Additional Comments PNW LNG Information Request - Outstanding Information 	In Progress
22-Aug-2014	Email From: W. Drury (Lax Kw'alaams) To: M. Lambert (PNW)		W. Drury provides notice to PNW of departure from Lax Kw'alaams Band effective immediately.		Complete
29-Aug-2014	Information Distribution via Email From: L. Sankey (Lax Kw'alaams) To: Various		Lax Kw'alaams distributes notice re: J. Helin not the authorized Mayor/Chief of Lax Kw'alaams		Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
22-Jun-2012	Letter From: Chief Elmer Moody, Gitxaala To: Cindy Rutherford, VP, PNW LNG	Consultation		PNW LNG responded to Gitxaala by letter of 25-Sep-2012. <ul style="list-style-type: none"> • PNW LNG informs Gitxaala that further studies and inquiries need to be made such as: • Preliminary archaeological inventory • Preliminary wildlife survey • Informs Gitxaala that PNW LNG’s environmental consultants will contact Gitxaala for comments before finalizing studies and surveys • PNW LNG will send Project Description before it is filed • PNW LNG offers to provide Gitxaala with information re: nature of LNG facilities through open house mid-November as well as separate meeting especially for Gitxaala PNW LNG further responds on 19-Dec-2012 regarding proposed “capacity funding model” and letter agreement by Gitxaala are not appropriate way to proceed at this time.	
25-Sep-2012	Letter From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala	Consultation		<ul style="list-style-type: none"> • Response to Gitxaala’s letter of 22-Jun-2013 • PNW LNG informs Gitxaala that further studies and inquiries need to be made such as: <ul style="list-style-type: none"> – Preliminary archaeological inventory – Preliminary wildlife survey • Informs Gitxaala that PNW LNG’s environmental consultants will contact Gitxaala for comments before finalizing studies and surveys • PNW LNG will forward Project Description before it is filed • PNW LNG offers to provide Gitxaala with information re: nature of LNG facilities through open house mid-November as well as separate meeting especially for Gitxaala 	In Progress
27-Sep-2012	Email From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala	Consultation		Information Distribution: <ul style="list-style-type: none"> • Re-sent Letter 25-Sep-2012, which was mailed to Gitxaala • PNW LNG is compiling information from studies and can make that available to Gitxaala at later date • PNW LNG offers to speak to Chief Moody about an information session 	
12-Nov-2012	Letter From: Chief Elmer Moody, Gitxaala To: A. Ahmad, PETRONAS and Tessa Gill, PETRONAS	Effect on First Nation Rights and Interests First Nation opportunities: construction; or permanent workforce First Nation business opportunities in project Consultation Capacity funding	<ul style="list-style-type: none"> • Requested for information from meeting of 19-Jun-2012 • Negotiations with First Nation • Aboriginal rights and title • Consultation with Gitxaala • Project impact on Traditional Territory and culture • Timeline of Environmental Assessment process • Capacity funding Attaches: <ul style="list-style-type: none"> • Map outlining Gitxaala Traditional Territory • Form of Capacity Funding Letter 	PNW LNG responds by email of 03-Dec-2012. <ul style="list-style-type: none"> • Offers to have meeting discuss potential impact of Project on Aboriginal rights activities and how Gitxaala could benefit from contracting other opportunities • Invites Gitxaala to meet with contingent of PETRONAS marine and shipping experts 12-Dec-2012 • Offers to meet to discuss: <ul style="list-style-type: none"> – Ship sizes – Moss or membrane – Fuel types – Certification requirements – Ship building – Water quality – Waste water – Wave length • Offers to cover cost of participation 	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
				<p>PNW LNG responds by letter dated 19-Dec-2012</p> <ul style="list-style-type: none"> • Offers to have meeting discuss potential impact of Project on Aboriginal rights activities and how Gitxaala could benefit from contracting other opportunities • PNW LNG clarifies that Crown is responsible for conducting process of consultation with any First Nation potentially affected by one of its decisions • PNW LNG will carry out responsibility diligently if Crown delegates procedural aspects of consultation process • PNW LNG emailed Gitxaala on 29-Nov-2013 confirming working on finalizing Project Description and welcomes Gitxaala's initial comments • PNW LNG will work within new timelines and points out all parties including First Nations required to act with reasonable timelines to identify potential impacts on interests • Offers to cover reasonable documented costs for Gitxaala to participate in Environmental Assessment process • PNW LNG's view that "capacity funding model" in 21-Jun-2012 and 12-Nov-2012 letters not appropriate way to proceed at this time • PNW LNG advises that the Joint Venture cannot and will not put aside views of the Crown and set itself up as arbiter of conflicting Aboriginal claims • PNW LNG will take steps and make arrangements with Gitxaala that would avoid, mitigate or compensate any specific physical impact of Project on potential Aboriginal rights • PNW LNG willing to meet with Gitxaala and engage in respectful discussions • PNW LNG prepared to deal with funding step by step, starting with first meeting • Offers to cover costs of participation 	
21-Nov-2012	<p>Letter via email c/o R. Vetch (Gitxaala) From: Chief E. Moody (Gitxaala) To: C. Rutherford (PNW) and T. Gill (PETRONAS)</p>	<p>Consultation Aboriginal rights and title Archaeological studies and protocol</p>	<ul style="list-style-type: none"> • Permit to conduct archaeological studies • Notice from PNW LNG to Gitxaala and Gitxaala's archaeological protocols • Gitxaala's letter dated 12-Nov-2012 indicates Gitxaala's intention to protect Aboriginal rights and title 	See PNW LNG action to 12-Nov-2012 letter.	In Progress
03-Dec-2012	<p>Email From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala</p>	<p>Consultation Project Description Marine Navigation</p>		<ul style="list-style-type: none"> • Invites Gitxaala to meet with contingent of PETRONAS marine and shipping experts 12-Dec-2012 to discuss: <ul style="list-style-type: none"> – Ship sizes – Moss or membrane – Fuel types – Certification requirements – Ship building – Water quality – Waste water – Wave length • Offers for PETRONAS and Progress to pay for travel costs to Vancouver for participation • Offers to discuss opportunities to have further discussions in New Year. 	

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
08-Dec-2012	Information Distribution: Email From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala	Project Description		<ul style="list-style-type: none"> • PNW LNG Invites Gitxaala to review and comment on Project Description • Offers second opportunity to further review draft. Attaches: <ul style="list-style-type: none"> • Canadian Environmental Assessment Act, S.C. 1992, c. 37 (2012) • Stantec Project Description (Draft Report), December 2012 	Complete
19-Dec-2012	Letter (by email) From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala	Consultation		<ul style="list-style-type: none"> • Offers to have meeting discuss potential impact of Project on Aboriginal rights activities and how Gitxaala could benefit from contracting other opportunities • PNW LNG clarifies that Crown is responsible for conducting process of consultation with any First Nation potentially affected by one of its decisions • PNW LNG will carry out responsibility diligently if Crown delegates procedural aspects of consultation process • PNW LNG emailed Gitxaala on 29-Nov-2013 confirming working on finalizing Project Description and welcomes Gitxaala's initial comments • PNW LNG will work within new timelines and points out all parties including First Nations required to act with reasonable timelines to identify potential impacts on interests • Offers to cover reasonable documented costs for Gitxaala to participate in Environmental Assessment process • PNW LNG's view that "capacity funding model" in 21-Jun-2012 and 12-Nov-2012 letters not appropriate way to proceed at this time • PNW LNG advises that the Joint Venture cannot and will not put aside views of Crown and set itself up as arbiter of conflicting Aboriginal claims • PNW LNG will take steps and make arrangements with Gitxaala that would avoid, mitigate or compensate any specific physical impact of Project on potential Aboriginal rights • PNW LNG willing to meet with Gitxaala and engage in respectful discussions • PNW LNG prepared to deal with funding step by step, starting with first meeting • Offers to cover reasonable costs of holding meeting and discuss arrangements for same Information Distribution: <ul style="list-style-type: none"> • Re-sends Email of 27-Sep-2012 and Letter 25-Sep-2012 	Complete
18-Jan-2013	Email From: Robert Veitch, Legal Counsel, Gitxaala To: Cindy Rutherford, VP, PNW LNG Cc: Chief Elmer Moody, Gitxaala Chief Clarence Innis, Gitxaala	Consultation Baseline conditions Marine Navigation	<ul style="list-style-type: none"> • Request for following items referenced in 18-Jan-2013 meeting: <ul style="list-style-type: none"> – Timeline for project and regulatory processes – Reports prepared by PNW LNG's head mariner re: LNG shipping – Slides or information related to "LNG 101" program – Reports related to baseline studies conducted by PETRONAS to date 		In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
24-Jan-2013	Letter From: Cindy Rutherford, VP, PNW LNG To: Chief Elmer Moody, Gitxaala Cc: Chief Clarence Innis, Gitxaala	Engagement		<ul style="list-style-type: none"> • Offers capacity funding • Offers to negotiate Environmental Assessment agreement with capacity funding • Offers information for Gitxaala review • Offers negotiations for Environmental Assessment protocol • Offers to review and discuss existing information and knowledge of Gitxaala’s traditional use, rights and interests on Lelu Island • Offers for Gitxaala’s involvement and projected schedule for further studies 	
25-Jan-2013	Payment	Capacity Funding		PNW LNG delivered Payment to First Nation re: Environmental Assessment Participation - \$20,000 Gitxaala did not accept this payment.	In Progress: Gitxaala accepted capacity funding. PNW LNG remains willing to accept information from Gitxaala and is working to negotiate an IBA with Gitxaala. PNW LNG would like to engage Gitxaala in an Environmental Assessment Agreement and will continue efforts to do so.
8-Mar-2013	Information Distribution: Letter From: D.M. Robbins of Gitxaala To: Transport Canada, Justice Canada	Consultation First Nation claim to Project area	<ul style="list-style-type: none"> • Sufficiency of Gitxaala title and claim to Project area • Adequacy of Environmental Assessment consultation to Gitxaala • Includes supporting evidence and case law <p>Collection of documents from Gitxaala comprising the following:</p> <ul style="list-style-type: none"> • Covering letter from legal counsel on behalf of Gitxaala Nation, March 8, 2013 • Strength of Claim Submission: Aboriginal Title To & Rights At The “Fairview Port Lands” About Sulga Kxeen, KSBA Ganaaw & Wil ‘Yaga Loo, March 8, 2013 <p>Oral Historical Record</p> <ul style="list-style-type: none"> • Statutory Declaration of Allan Ambrose Browan (aka Gilasgamax) • Statutory Declaration of Clarence Norman Innis (aka Txa gyet) • Statutory Declaration of Douglas Godfrey Brown (aka Lutgutsamtii) • Statutory Declaration of Edward Moses Spencer Gladstone (aka Niis Kul Uutk) • Statutory Declaration of Elmer Edwin Moody (aka il Uks Yaa Gemk) • Statutory Declaration of Jeanette Moody (aka Lii ‘taam lax dii) • Statutory Declaration of Job Fred Spencer (aka Wii Gyedm Ksi Gwaantk) • Statutory Declaration of Kenneth Richard Spencer (aka Niis Niaa Gum) • Statutory Declaration of Matthew Hill (aka Txa La Laatkw) • Statutory Declaration of Rita Robinson (aka N’tsi’its) • Statutory Declaration of Samuel William Lewis (aka La Ooy) • Statutory Declaration of Thelma Elizabeth Hill (aka Gaas) <p>D. Ethnographical Record</p> <p>Re: Aksk</p> <ul style="list-style-type: none"> • 1914 Boas re War Between Tsimshian and the Tlingit (per Tate) • 1915 Barbeau re The Adaorh [Adawx] of Gilarh’aks (per Gitwilgwyats woman) • 1927 Barbeau re Laxlsexanem Fortress of the Gitwilgoats (per Wallace) 	No response from PNW LNG required. Note: Later in Sep., 2013 PNW LNG delivered these materials to its ethno-historian for review and incorporation into The Ethno-Historical Review of the Use of Lelu Island report.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			<ul style="list-style-type: none"> • 1938 Beynon re The Story of the Doings of Aksk (per Smith) • 1953 Beynon re 'Aksk A Great Gitwelgyiyawts Warrior (per Clifton) • 1953 Beynon re Aksk's Fortified Village (per Clifton) • 1953 Beynon re Ask's Fortified Village (geographic note re 19) <p>Re: Giant Grub Worm</p> <ul style="list-style-type: none"> • [Undated] Beynon re Myth of the Gian Grub Worm • 1953 Beynon re Myth of the Giant Grub Worm (geographic note re 22. K'xen) • [Undated] Beynon re Myth of Princess and Grub Worm, per Henry Pierce <p>E. Archaeological Record</p> <p>Gb To-11</p> <ul style="list-style-type: none"> • MacDonald, George, Archaeological Reconnaissance in the Tsimshian Area (May 1967) • British Columbia, Arch Site Survey Form for GbTo-11, UBC (April 28, 1972) • Archer, David, Prince Rupert Harbour Project Heritage Site Evaluation & Impact Assessment • Petzelt, Barbara, Preliminary Review of Archaeological Sites in the Fairview Terminal Area <ul style="list-style-type: none"> – Archaeological Impact Assessment 2008 – Archaeological Impact Assessment 2007 <p>F. Academic and Expert Reporting</p> <ul style="list-style-type: none"> • Allaire, Louis, A Native Mental Map of Coast Tsimshian Villages (1984) • Archer, David, Results of the Prince Rupert Harbour Radiocarbon Dating Project, Sept. 1992 • Beynon, W. Ts msiyen Ethical & Geographical Locations (1993) • Cybulski, Jerome S., Context of Human Remains from the Lachane Site GtTo-33, December 1996 • Dean, Jonathan R., Rich Men, Big Powers and Wastelands (1993) • Duff, Wilson, Contributions of Marius Barbeau to West Coast Ethnology (1964) • Halpin, Marjorie M., The Tsimshian Crest System, April 1973 • Inglis, Richard, Archeological Impact Study 1974-33 • Inglis, Richard, Contract Salvage 1973, A Preliminary Report • Lovisek, Joan A., Expert Report Prince Rupert-Port Fairview, April 30, 2010 • MacDonald, George F., Coast Tsimshian re-contact Economics and Trade – July 15, 2006 • MacDonald, George F., et al., Plate 13, Historical Atlas of Canada, Volume 1. 1987 • MacDonald, George F., Review of Prehistoric Sites – Fairview Expansion Project dated August 8, 20__ • MacDonald, George F., Nine Tribes of Coast Tsimshian & Prince Rupert Harbour dated June 10, 2009 • MacDonald, Joanne, Gitxaala – Review of the Menzies Report – June 2009 • Marsden, Susan, Defending the Mouth of the Skeena – 2000 • Martindale, Andrew R.C. and Marsden, Susan, Defining the Middle Period – Summer 2003 • Menzies, Charles, Report on Gitxaala Use and Occupancy – September 19, 2008 		

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			<ul style="list-style-type: none"> • Menzies, Charles, Report on Gitxaala Practice of Fishing – November 27, 2007 • Simonsen, Bjorn O., Final Report Archaeological Salvage Excavations – March 1988 • Tennant, Paul, Aboriginal Peoples & Politics, re Coastal Politics (1990) <p>LAW</p> <ul style="list-style-type: none"> • Constitution Act, 1867 & 1982 • Delgamuukw v. British Columbia, [1997] 3 S.C.R. 1010 • Haida Nation v. British Columbia (MOF), 2004 SCC 73 • Lax Kw'alaams v. Canada, 2008 BCSC 447 • Mitchell v. M.N.R., 2001 SCC 33 • R. v. Adams, [1996] 3 S.C.R. 101 • R. v. Cote, [1996] 3 S.C.R. 139 • R. v. Marshall, R. v. Bernard, 2005 SCC 43 • R. v. Sapier, R. v. Gray, 2006 SCC 54 • R. v. Van der Peet, [1996] S.C.R. 507 • Tsilhqot'in Nation v. British Columbia, 2007 BCSC 1700 • William v. British Columbia, 2012 BCCA 285 		
6-May-2013	Information Distribution: "Pacific Northwest LNG Federal Working Group Meeting Notes Minutes" meeting date May 6, 2013, sent via Email 25-Jun-2013 From: Jack Smith, Project Manager, CEAA To: M. Lambert of PNW LNG	Salmon habitat and migration	<ul style="list-style-type: none"> • Adequacy of compensation calculation • Impact of Project use of Porpoise Harbour on salmon population (pg. 12). 		Complete
20-Jun-2013	Payment	Capacity Funding		Payment to First Nation re: Environmental Assessment Participation - \$20,000 (Gitxaala did not accept this payment)	Complete
7-Jul-2013	Email From: G. Fraser of PNW LNG To: C. Lewis of Gitxaala	Marine Resources		Invitation to participate in Stantec field studies: <ul style="list-style-type: none"> • Freshwater fish survey, August 8 to 15 2013 • Soil baseline survey, August 1 to 8, 2013 	In Progress
18-Jul-2013	Email From: Cindy Rutherford, VP, PNW LNG To: Chief Conrad Lewis, Gitxaala			PNW LNG requests First Nation input regarding training and education initiatives	Complete
29-Jul-2013	Letter (by email) From: Michael Lambert, PNW LNG To: Chief Conrad Lewis, Gitxaala sent via Email July 29, 2013 From: Gerry Fraser, PNW LNG To: Chief Conrad Lewis, Gitxaala, M. Ignas of Gitxaala, D. Buerk of Gitxaala	Consultation		Traditional Use Study proposal [to support goal of gathering information stated in letter of January 24, 2013] <ul style="list-style-type: none"> • PNW description of Traditional Use Study including: <ul style="list-style-type: none"> – Total Traditional Use Study Funding of \$60,000 (Gitxaala did not accept this payment) – Traditional Use Study delivery on October 1, 2013 – Traditional Use Study by qualified consultant selected by Gitxaala – Describe historic and current use land and resources, identify potential effects on current use, commercial and recreational use, current and historic use of waterways 	In Progress

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Gitxaala					
				<ul style="list-style-type: none"> – Traditional Use Study to be used in EA • Requests Gitxaala share existing information relating to current and historic use • Traditional Use Study to be used in EA • Offers Gitxaala to bring any concerns about project PNW LNG’s attention 	
09-Aug-2013	Email From: Gerry Fraser, PNW LNG To: Dillon Buerk, Environmental Assessment Coordinator, Gitxaala	Consultation		PNW LNG informs Gitxaala that PNW LNG has obtained arch permit to investigate area around boreholes 12-Aug-2013. Invites Gitxaala to contact Andrea Pomeroy (Stantec) if they wish to have a monitor present.	In Progress PNW LNG remains willing to fund Traditional Use Studies and other studies to understand First Nations interests in relation to the Project.
09-Aug-2013	Email From: Dillon Buerk, Environmental Assessment Coordinator, Gitxaala To: Andrea Pomeroy, Stantec	Consultation	<ul style="list-style-type: none"> • Gitxaala would like to send GEM monitor along on arch visit 12-Aug-2012 • Gitxaala does not have anyone available to attend mainland arch visit; Gerry wrote work was planned for next week 	PNW LNG notifies Gitxaala that work will begin on 13-Aug-2013. PNW LNG invites Gitxaala to notify it if someone from Gitxaala GEMs becomes available short notice	In Progress
13-Aug-2013	Email From: of PNW LNG To: of Gitxaala	Economic Participation		Invitation to participate in procurement	Complete
15-Aug-2013	Letter (by email) From: Dillon Buerk, Environmental Assessment Coordinator, Gitxaala To: Michael Lambert, PNW LNG Chief Clarence Innis, Gitxaala	Effect on First Nation rights and interests Baseline conditions Selection of Valued Components Capacity funding RAA boundaries Consultation	<ul style="list-style-type: none"> • Responding to Traditional Use Study proposals dated 24-Jul-2013 and 29-Jul-2013 • Concerns related to language in proposal; needs further discussion • Requires clarification re: 24-Jan-2013 and Traditional Use Study proposal implies Gitxaala responsible for assessment of potential project impacts on First Nation rights and interests, contrary to EISG dated 07-Jun-2013 • Lack of capacity funding offered for Gitxaala involvement in regulatory process: <ul style="list-style-type: none"> – Review of preliminary regulatory filings – Participation in selection of Valued Components – Baseline conditions and project case study execution – Review of final EIS applications • Gitxaala objects to capacity funding of \$60,000; says insufficient • Requests details to be specified in Memorandum of Understanding • Gitxaala confirms Traditional Use Study will be prepared by qualified consultant, but PNW LNG will have no input re: selection • Delivery date for Traditional Use Study • Concerned that Traditional Use Study will not identify potential effects on usage of territory and waterways/water bodies <p>Attaches:</p> <ul style="list-style-type: none"> • Example Traditional Use Study Budget (previously negotiated) 	<p>PNW LNG responds in a letter of 21-Aug-2013 and has discussions with Gitxaala about arranging a teleconference and response to Gitxaala’s letter dated 15-Aug-2013</p> <p>Meeting arranged for 09-Sep-2013 at 1pm</p> <p>PNW LNG writes to Gitxaala on 21-Aug-2013 and explains that PNW LNG needs Gitxaala assistance to identify rights, interests or activities located in area of Project</p> <p>Welcomes working with Gitxaala on terms of reference for Traditional Use Study</p> <p>PNW LNG Seeking to have draft Traditional Use Study before submitted Environmental Impact Assessment and Application to BCEAO before submitting EIS to CEAA</p> <ul style="list-style-type: none"> • PNW LNG prepared to provide significant funding for: <ul style="list-style-type: none"> – Traditional Use Study – Socio-economic study – Other appropriate studies – Gitxaala full and effective participation on timely basis in Environmental Assessment process <p>Terms of funding to be set out in Environmental Assessment Agreement</p> <p>Meeting to settle appropriate budget for funding</p>	In Progress PNW LNG continues to seek information about Gitxaala’s interest in procurement opportunities
21-Aug-2013	Letter From: of PNW LNG To: D. Buerk of Gitxaala Cc: A. Hudec of Gitxaala sent via Email August 21, 2013 From: of PNW LNG To: of Gitxaala,	Consultation		<p>PNW LNG responds in a letter of 21-Aug-2013 and has discussions with Gitxaala about arranging a teleconference and response to Gitxaala’s letter dated 15-Aug-2013</p> <p>Meeting arranged for 09-Sep-2013 at 1pm</p> <p>PNW LNG writes to Gitxaala on 21-Aug-2013 and explains that PNW LNG needs Gitxaala assistance to identify rights, interests or activities located in area of Project</p> <p>Welcomes working with Gitxaala on terms of reference for</p>	In Progress PNW LNG continues its efforts to negotiate an Environmental Assessment Agreement with Gitxaala

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
	C. Innis of Gitxaala, M. Ignas of Gitxaala, of CEAA, of BCEAO			Traditional Use Study PNW LNG Seeking to have draft Traditional Use Study before submitted Environmental Impact Assessment and Application to BCEAO before submitting EIS to CEAA PNW LNG prepared to provide significant funding for: <ul style="list-style-type: none"> • Traditional Use Study • Socio-economic study • Other appropriate studies • Gitxaala full and effective participation on timely basis in Environmental Assessment process Terms of funding to be set out in Environmental Assessment Agreement Proposes meeting to settle appropriate budget for funding	
27-Aug-2013	Information Distribution Email From: Andy Hall, PNW LNG To: Caroline Butler, Gitxaala			Andy and Gerry Fraser arrange to drop off binder at the Prince Rupert Gitxaala office that includes Environmental Assessment related reports to review with Dillon Buerk, Gitxaala.	In Progress (see entry dated 15-Aug-2013)
9-Sep-2013	Email From: G. Fraser of PNW LNG To: of Gitxaala	Consultation		Invitation to participate in studies by Stantec: <ul style="list-style-type: none"> • Marine field studies September 17 to 22, 2013 	Complete
09-Sep-2013	Email From Robert Janes, Legal Counsel, Gitxaala To: David Camp, Legal Counsel, BLG Email From: Dillon Buerk, Environmental Assessment Coordinator, Gitxaala To: Gerry Fraser, PNW LNG	Consultation	<ul style="list-style-type: none"> • Gitxaala instructs counsel to cancel meeting scheduled for 09-Sep-2013 to discuss TLU study • Request to re-schedule to engage in larger discussion of how Gitxaala can participate in regulatory process so counsel can participate in discussion • Dillon indicates Chief Innis and Mark Ignas have postponed the call. Dillon will contact Gerry with alternate dates 	PNW LNG writes to Gitxaala in an email of 09-Sep-2013 requesting meeting for technical discussion.	Complete
11-Sep-2013	Letter From: Captain, of PNW LNG To: of Gitxaala	Marine Navigation		Invitation to participate in workshop: <ul style="list-style-type: none"> • TERMPOL workshop on September 25, 2013 	In Progress (see entry dated 15-Aug-2013)
18-Sep-2013	Information Distribution: Reports for review sent by Letter From: G. Chow of PNW LNG To: of Gitxaala Cc: of Gitxaala of BEAO of CEAA sent via Email September 18, 2013 From: G. Chow of PNW LNG To: of Gitxaala	Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds		Attached reports for review and comment: <ul style="list-style-type: none"> • Pacific Northwest LNG, Geotechnical Investigation – Environmental Monitoring Report, Draft, September 2013 by Stantec Consulting Ltd. • Pacific Northwest LNG Technical Data Report for Vegetation and Wetlands, Draft, September 2013 by Stantec Consulting Ltd. • Pacific Northwest LNG, Technical Data Report – Terrestrial Wildlife and Marine Birds, Draft September 2013 by Stantec Consulting Ltd. 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
20-Sep-2013	Letter From: R. Janes of Gitxaala sent via Email September 20, 2013 From: V. Mathers of Gitxaala To: of PNW LNG	Consultation Cumulative Effects Selection of Valued Components	Gitxaala Response to dAIR <ul style="list-style-type: none"> Project impact on Gitxaala rights and title Sufficiency of CEAA, structure and timelines Sufficiency of cumulative effect studies on increased marine and tanker traffic Adequacy of assessment of Project impact on Valued Components 	No response from PNW LNG required.	Complete
24-Sep-2013	Information Distribution: Workshop format sent by Email September 24, 2013 From: G. Chow of PNW LNG To: Captain,, Prince Rupert LNG of Gitxaala	Marine Navigation		Attachment of workshop format: <ul style="list-style-type: none"> HAZID workshop Ridley Island and Lelu Island Marine Terminal Approach, Pacific NorthWest LNG and Prince Rupert LNG development, Background and preparation for Navigational Risk HAZID 	Complete
4-Oct-2013	Information Distribution: "Gitxaala Nation, Valued Components Part C, September 2013" sent via Letter October 4, 2013 From: R. Janes of Gitxaala To: K. Howes of BCEAO	Marine food gathering First Nation claim to Project area Selection of Valued Components RAA boundaries Baseline conditions	<ul style="list-style-type: none"> Adequacy and scope of VC assessment and baseline information used Adequacy of assessment Project impact on Valued Components Adequacy of assessment of LAA and RAA boundaries Adequacy of assessment of Project impact on Gitxaala rights and title Sufficiency of baseline information for Gitxaala rights and title claim Adequacy of assessment of Project impact on harvesting rights 	PNW LNG replied via letter on 07-Nov-2013. It attached a document cataloguing and responding to each of Gitxaala's comments. PNW LNG revised the AIR in consideration of Gitxaala's comments.	Complete
4-Oct-2013	Information Distribution: "Comments of Draft Application Information Requirements", Pacific Northwest LNG, October 4, 2013 sent via Letter October 4, 2013 From: of Gitxaala To: of BCEAO Cc: of PNW LNG	Consultation Shipping collisions Facility air emissions Loss of LNG containment Archaeological Values Cumulative Effects Consultation Selection of Valued Components RAA boundaries Baseline conditions Marine ecosystems First Nation navigation Marine traffic Social and economic effects to First Nation Aboriginal trapping Visual Quality Effect on collisions in the RAA and LAA area Effects on marine aboriginal foods	<ul style="list-style-type: none"> Adequacy of Environmental Assessment Sufficiency of Section 11 Order Adequacy of VC assessment Project impact on marine ecosystem and traditional fisheries Sufficiency of LAA and RAA scope Adequacy of LAA and RAA boundaries to reflect shipping routes Project impact on acoustic environment and ambient noise Project impact on air quality Sufficiency of including Wake and Operational Discharge as Valued Components Adequacy of assessment for cultural identity, harvesting rights and sacred places as Valued Components Project impact on ambient light 	PNW LNG replies to Gitxaala via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Gitxaala's comments and provided a reply for each of those comments. PNW revised the AIR in consideration of the comments provided by Gitxaala. Attaches: Table of Responses to Gitxaala Comments re: dAIR	In Progress
16-Oct-2013	Letter From: L. Jones of PNW LNG To: Chief C. Innis of Gitxaala sent via Email October 18, 2013 From: C. Beloin of PNW LNG	Consultation Environmental Assessment Capacity Funding		PNW LNG points out that BCEAO and CEAA agreed to work together to avoid duplication by conducting coordinated environmental assessment including Aboriginal consultation PNW LNG explains that s. 11 order outlines procedural aspects of consultation with Aboriginal groups. Once application submitted, regulatory review process will begin in accordance	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
	To: Chief C. Innis of Gitxaala Cc: L. Jones (PNW LNG) and M. Ignas (Gitxaala)			with statutory timelines PNW LNG offers to provide capacity for participation in Environmental Assessment process and provides draft agreement to support discussions. Attaches: • Draft Environmental Assessment Agreement attached to letter	
7-Nov-2013	Letter From: Brian Clark of PNW To: Chief C. Innis of Gitxaala			PNW LNG replies to Gitxaala via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Gitxaala's comments and provided a reply for each of those comments. PNW revised the AIR in consideration of the comments provided by Gitxaala. Attaches: • Table of Responses to Gitxaala Comments re: dAIR	In Progress
8-Nov-2013	Information Distribution: Report and documents for review sent via Email November 8, 2013 From: C. Beloin of PNW LNG To: Chief C. Innis of Gitxaala And: 08-Nov-2013 Email From: Brian Clark, Environmental Advisor, PNW LNG To: Chief Clarence Innis, Gitxaala	Consultation Selection of Valued Components Marine food gathering		<ul style="list-style-type: none"> Attaching report and documents for review and comment: <ul style="list-style-type: none"> Memo from, J. Swinscoe, S. Black of Stantec Consulting Ltd. to of BCEAO October 24,2013, Reference: Response to Comments on Proposed Pacific NorthWest LNG, Draft AIR Adequacy of scope and assessment of Valued Components Project impact on Valued Components (i.e. hunting, fishing, marine food gathering) Adequacy of risk assessment framework 	Complete
26-Nov-2013	Information Distribution: Letters and documents sent via Email November 26, 2013 From: of BCEAO To: R. Janes of Gitxaala	Consultation Selection of Valued Components		Attaching documents for review and information: <ul style="list-style-type: none"> "Consideration of Aboriginal Interests and Other Matters of Concern to Aboriginal Groups in the BC Environmental Assessment Process" November 22, 2013, DRAFT [author of BCEAO] Appendix I: Examples of Valued Components and Analysis of Potential Effects in Part B and C EAO dAIR and Application- DRAFT November 8, 2013 Letter of November 26, 2013 from of BCEA to R. Janes of Gitxaala, Xx to S. Bailey of BCEAO, B. Nelson of CEAA, of PNW LNG re; Gitxaala Nation Comments on Draft Application Information Requirements for the Proposed Pacific NorthWest LNG Export Facility ("the Project") <ul style="list-style-type: none"> Adequacy of Environmental Assessment Project impact on Gitxaala rights and interests Adequacy of VC assessment 	
20-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief C. Innis (Gitxaala)	Consultation		PNW LNG sends draft record of consultation to Gitxaala and welcomes feedback: <ul style="list-style-type: none"> Narrative Summary of Consultation Appendix I – Table of Interactions Appendix II – Participation in Field Studies 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
23-Dec-2013	Letter via Email From: V. Mathers (Gitxaala) To: B. Nelson (CEAA) Cc: M. Lambert (PNW)	EA Methodology Project Description Scope of Assessment	<ul style="list-style-type: none"> Review process Interrelationship between Prince Rupert Gas Transmission Project and PNW LNG's Project. – Increased costs in participating in multiple regulatory processes and that their s. 35 rights will be minimized or ignored. Gitxaala would like to know if PNW would submit a new project description that includes the Prince Rupert project within the scope of PNW LNG's project. If not, Gitxaala would like to know whether CEAA and the BCEAO will establish a joint review process or some coordinated means of conducting the regulatory and environmental review of the terminal and pipeline 	<ul style="list-style-type: none"> Appendix III Technical Reports Distribution List <p>No action by PNW LNG required. CEAA wrote to V. Mathers (Gitxaala) in reply on 27-May-2014:</p> <ul style="list-style-type: none"> CEAA considers Prince Rupert Gas Transmission Project and PNW LNG Project as separate and distinct projects PNW LNG EA will include the Prince Rupert Gas Transmission Project 	In Progress
09-Jan-2014	Letter via Email From: V. Mathers (Gitxaala) To: B. Nelson (CEAA) Cc: M. Lambert (PNW)		Follow-up re: V. Mathers' letter dated 23-Dec-2013.		Complete
10-Jan-2014	Email From: V. Mathers (Gitxaala) To: K. Howes (BCEAO), E. Hubert (BCEAO) Cc: M. Lambert (PNW)	Consultation	Further comments to dAIR Attaches: <ul style="list-style-type: none"> Letter from Virginia Mathers (Gitxaala) to Kenneth Howes (BCEAO) dated 13-Dec-2013 with Partially Completed Tracking Table Table of further comments to dAIR 		In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief C. Innis (Gitxaala)	Consultation		RE: Follow-up on letter of December 20, 2013 re: Narrative Summary of Consultation, Appendix I – Table of Interactions, Appendix II – Participation in Field Studies, Appendix III Technical Reports Distribution List PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief C. Innis (Gitxaala)	Consultation		RE: Follow-up on letter of December 4, 2013 re: Plan for Procedural Aspects of Aboriginal Consultation PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
21-Jan-2014	Information Distribution: via Email From: M. MacEwen (PNW) To: Chief C. Innis (Gitxaala)	Archaeological Values Fresh water and fish habitat Marine ecosystems Habitat and Wildlife Studies Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds		PNW LNG distributed the following reports: <ul style="list-style-type: none"> Archaeological Inventory – Lelu Island report, November 27, 2013 Archeological Impact Assessment – Geotechnical Drilling Program, November 27, 2013 Draft Technical Data Report for Vegetation and Wetlands, September 2013 Draft Technical Data Report – Terrestrial Wildlife and Marine Birds, September 2013 Draft Rev. B Technical Data Report – Marine, October 2013 Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	In Progress
29-Jan-2014	Information Distribution via Email From: M. MacEwen (PNW) To: Chief C. Innis (Gitxaala)	Consultation AIA		PNW LNG provides a link to download the report entitled "Proposed LNG Facility Site on Lelu Island: An Archaeological Impact Assessment" dated 31-Dec-2013.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
12-Feb-2014	Letter via Email From V. Mathers (JFK Law Corp.) To: B. Clark (PNW) (sent by email from E. Roberts (JFK Law Corp.)) To: V. Au (CEAA), B. Nelson (CEAA), K. Howes (BCEAO) and M. Lambert (PNW))	Consultation	<ul style="list-style-type: none"> Gitxaala is in the process of reviewing the Narrative Summary of Consultation and will have comments shortly 		Complete
19-Feb-2014	Information Distribution Letter via Email From: B. Clark (PNW) To: Chief C. Innis (Gitxaala) Cc: J. Witzke (Gitxaala)	dAIR		PNW LNG provides Gitxaala with: <ul style="list-style-type: none"> Final dAIR document with tracked changes, Feb-2014 Table of dAIR working group comments Also copied to B. Nelson (CEAA), K. Howes (BCEAO) and A. Pomeroy (Stantec) via e-mail. 20-Feb-2013 BCEAO provides Gitxaala with letter confirming acceptance of dAIR	In Progress
20-Feb-2014	Letter via Email From: R. Janes (Gitxaala) To: D. Camp (BLG) Cc: V. Au (CEAA), B. Nelson (CEAA), K. Howes (BCEAO), M. Lambert (PNW)	Consultation Capacity Funding	<ul style="list-style-type: none"> MOU Engagement with Gitxaala re: the Project Capacity Funding Negotiation of an IBA 	BLG responds to Gitxaala on behalf of PNW via letter 03-Mar-2014. Attaches: <ul style="list-style-type: none"> Draft Capacity Funding Agreement 	In Progress
24-Feb-2014	Information Distribution via Letter From: M. Lambert (PNW) To: V. Mathers (Gitxaala)	Environmental Assessment EIS		PNW LNG delivers EIS and Application for EA Certificate. Gitxaala acknowledges delivery via email 03-Mar-2014.	In Progress
25-Feb-2014	Letter via Email From: R. Janes (Gitxaala) To: B. Clark (PNW)	Consultation Scope of Assessment Aboriginal rights and title Selection of VCs Capacity Funding Fresh water and fish habitat Marine ecosystems Habitat and Wildlife Studies Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds Cumulative Effects Baseline conditions Marine traffic Social and economic effects to First Nation Visual Quality Effects on marine aboriginal foods	Gitxaala's response to PNW LNG narrative of consultation delivered with letter dated 20-Dec-2013. <ul style="list-style-type: none"> Summary of Consultation <ul style="list-style-type: none"> Scope and nature of concerns in Summary of Key Issues Evidence provided by Gitxaala and nature of concerns Post-application timelines and pre-application consultation Page 5: name and terms of reference to ethno-historian Terms and conditions re: TUS Scope of PNW LNG and Crown's obligations Rationale for inclusion of additional VCs Methodology and data sources Cumulative effects (i.e. marine traffic, Aboriginal rights and title) Cultural impact in addition to biophysical effects on marine environment Marine navigation Traditional Land Use (sustenance and cultural activities, assessment of air quality, visual quality) Wave action (heights, frequency, effects of erosion) Development of Quantified Risk Assessment Assessment of socio-economic impact Effects on wildlife Record of meetings First Nations' rights and interests Aboriginal rights and title Information and concerns raised by Gitxaala 	PNW LNG responded in a letter dated 27-Feb-2014 <ul style="list-style-type: none"> Many issues raised by Mathers should be addressed by the Crown Gitxaala's recent comments will be reviewed Any new comments will be added to ongoing record of consultation 	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			<ul style="list-style-type: none"> • Summary of information considered and documents summarized • Gitxaala's strength of claim and when assessment will occur • Assessment of environmental impacts (i.e. fish and fish habitat, marine traffic, harvesting) • Selection of Valued Components • Negotiation attempts by Gitxaala re: MOU • Capacity Funding and Gitxaala's participation in review of the Project • Pre-application consultation with Gitxaala <p>Attaches:</p> <ul style="list-style-type: none"> • "Information Deficiencies and Requests" • "Risk aversion and lay risk assessment in oil spill accidents" (re: Northern Gateway Project) 		
26-Feb-2014	Information Distribution via Email From: J. Witzke (Gitxaala) To: L. Jones (PNW)	Consultation	Gitxaala sends to PNW LNG their EA engagement budget proposal, socio-economic work plan, and TLU workplan and budget.	04-Mar-2014 PNW LNG provides Gitxaala with a draft EA Agreement reflecting budget and timelines as per Gitxaala's email 27-Feb-2014.	In Progress
26-Feb-2014	Information Distribution via Courier From: Stantec To: J. Witzke (Gitxaala)	Environmental Assessment		Stantec delivered EA Application to First Nation via courier.	In Progress
28-Feb-2014	Letter via Email From: M. Lambert (PNW) To: V. Mathers (Gitxaala).			Letter dated 27-Feb-2014 RE: Response to February 25, 2014 letter. <ul style="list-style-type: none"> • Many issues raised by Mathers should be addressed by the Crown • Gitxaala's recent comments will be reviewed • Any new comments will be added to ongoing record of consultation 	In Progress
03-Mar-2014	Letter via Email From: V. Mathers (Gitxaala) To: B. Nelson (CEAA) Cc: M. Lambert (PNW)	Consultation	Following up on correspondence dated 23-Dec-2013, 9-Jan-2014 and 7-Feb-2014.	No action by PNW LNG required.	In Progress
04-Mar-2014	Information Distribution via Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment		PNW LNG provides Gitxaala with a draft EA Agreement reflecting budget and timelines as per Gitxaala's email 27-Feb-2014.	In Progress
06-Mar-2014	Letter via Email From: A. Hall (PNW) To: Chief C. Innis (Gitxaala)	Consultation Environmental Assessment		PNW LNG acknowledges that there may be concerns regarding the EIS and Application. PNW LNG welcomes First Nations community to discuss the Project at the meetings proposed by PNW.	In Progress
10-Mar-2014	Information Distribution via Email From: A. Hall (PNW) To: J. Witzke (Gitxaala).	Environmental Assessment		PNW LNG provides Gitxaala with an updated draft EA Agreement based on call from 6-Mar-2014	In Progress
13-Mar-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Consultation Environmental Assessment		PNW LNG asks for Gitxaala to contact them with any questions regarding the EA Application. PNW LNG follows up on offer to attend community to provide overview of EA Application.	In Progress J. Witzke (Gitxaala) advises they will review and respond.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
17-Mar-2014	Letter via Email From: R. Janes (Gitxaala) To: Hon. M. Polak (Ministry of Environment) and D. Caul (BCEAO)	Consultation Aboriginal rights and title Environmental Assessment Scope of Assessment Environmental Impacts Capacity Funding	<ul style="list-style-type: none"> • Crown’s assessment of overall cumulative potential impacts of development • Timeline and expense by First Nations to respond • Capacity funding provided by BCEAO and CEAA • Assessment of cumulative effects to aboriginal and treaty rights • Gitxaala proposes Director of BCEAO authorize class assessment of LNG projects • Potential impacts of rapid LNG development • How Province will address overall effects from LNG development including thresholds and criteria 	No action by PNW LNG required. BCEAO responded via letter dated 02-May-2014 (cc: PNW LNG) BCEAO outlined the strategic approach and principles on which the BCEAO is considering First Nations’ issues and interests.	In Progress
21-Mar-2014	Letter via Email: From: V. Mathers (Gitxaala) To: B. Nelson (CEAA), K. Howes (BCEAO) Cc: M. Lambert (PNW)	Consultation Aboriginal rights and title Environmental Assessment Scope of Assessment Environmental Impacts Selection of VCs	<ul style="list-style-type: none"> • EIS and the requirements of the AIR • Assessment of the potential adverse effects of the Project on Gitxaala’s Aboriginal rights and title as well as the Valued Components <p>Attaches:</p> <ul style="list-style-type: none"> • Table of Concordance with Gitxaala comments 		In Progress
25-Mar-2014	Letter via Email From: K. Brooks (Gitxaala) To: Environment Canada, National Energy Board, Transport Canada Marine Safety, Fisheries and Oceans Canada, Ministry of Forests, Lands and Natural Resource Operations (Archaeology Branch and Fish and Wildlife Branch), M. Lambert (PNW)	Consultation Environmental Assessment	<ul style="list-style-type: none"> • Gitxaala requests that they be consulted when proponents apply for any permits or licenses • Gitxaala requests that they be advised of any proposed permits or licenses associated with the Project currently and in future 		In Progress
25-Mar-2014	Letter via Email From: K. Howes (BCEAO) To: Chief C. Innis (Gitxaala) Cc: M. Lambert	Consultation Environmental Assessment		BCEAO confirms that PNW LNG’s Application for an EA Certificate was found to contain required information specified in the final AIR. 180-day review process has begun. Draft Assessment Report will be circulated by BCEAO in 4-5 months to Working Group First Nation can submit separate submission to EAO to be provided to Ministers Proposed Project available on EAO website. 25-Mar-2014 CEAA emailed the Working Group Members re: the Application screening and updates to same. Also provided FTP link for EIS Application. CEAA requests detailed feedback by 01-May-2014 and provides details on Working Group meetings and open houses. Attaches: PNW LNG EIS Comment Table (template)	In Progress
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief C. Innis (Gitxaala)	Environmental Assessment EIS		PNW LNG again welcomes the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
29-Mar-2014	Meeting Between: KBR and M. Ignas (Gitxaala)	Consultation		Meeting in Prince Rupert and Terrace	In Progress
03-Apr-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala) Cc: B. Clark (PNW)	Consultation Environmental Assessment Selection of VCs	<ul style="list-style-type: none"> Gitxaala request for map shapefiles from EA. 	PNW LNG has spatial boundary shapefiles for each VC in the PNW LNG EIS/Application and requests that Gitxaala provide which ones they need.	Complete
07-Apr-2014	Email From: J. Witzke (Gitxaala) To: L. Jones (PNW)	Capacity Funding	<ul style="list-style-type: none"> Small change to Use of Studies in EA Agreements through GEM office do not necessarily require full council approval Attaches: <ul style="list-style-type: none"> Final Version of draft PNW LNG Capacity Funding Agreement (with tracked changes) 		In Progress
08-Apr-2014	Meeting Information Distribution Attendees: Working Group Members	Environmental Assessment	<ul style="list-style-type: none"> Traditional Use Study and Social Economic Study EA Application review Community review of the Project Information request on Winter Bird Surveys in the EA 	PNW LNG presented 8 EA Health PowerPoint presentations. PNW LNG summarized meeting in email 14-Apr-2014. Gitxaala TUS and Social Economic Study: Calliou Consulting engaged – completion by 15-Jul-2014. EA Application Review: Stantec offered assistance to Gitxaala with review. Agreed this could happen after 05-May week of meetings Possibility of going to Gitxaala community to present overview of Project and field tour of Lelu Island. Stantec confirmed winter birds surveys completed. PNW LNG offered any help to Gitxaala before May meetings.	In Progress
14-Apr-2014	Email From A. Hall (PNW) To: J. Witzke (Gitxaala) Cc: A. Pomeroy (Stantec), B. Clark (PNW), L. Jones (PNW)	Consultation Environmental Assessment TUS Social and economic effects to First Nations		PNW LNG summarizes meeting from 08-Apr-2014 with between Gitxaala, PNW LNG and Stantec. (See meeting entry above)	In Progress
16-Apr-2014	Letter via Email From: G. Kist (PNW) To: Chief C. Innis (Gitxaala) Cc: L. Jones (PNW)	Consultation		PNW LNG invites Gitxaala to attend a tour of the PETRONAS LNG Facility in Bintulu, Malaysia during the week of May 11-17, 2014 PNW LNG offers to cover airfare, accommodation and meals.	
28-Apr-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: J. Witzke (PNW) Cc: B. Clark (PNW), A. Pomeroy (Stantec), A. Hall (PNW)	Consultation Environmental Assessment Fish and fish habitat		PNW LNG thanked Gitxaala for participating in Working Group meeting. Further discussions in Vancouver 05-May-2014. PNW LNG invites Gitxaala with First Nations representatives to dinner to discuss opportunities for fish habitat off set program.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief C. Innis (Gitxaala) Cc: J. Witzke (Gitxaala), L. Jones (PNW)	Consultation First Nations Job Opportunities		PNW LNG notifies Gitxaala of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
02-May-2014	Information Distribution From: Jillian Smith (CEAA) To: M. Lambert (PNW) and B. Clark	Environmental Assessment	CEAA provides to PNW LNG the Working Group comments up to May 2, 2014. Gitxaala's letter 01-May-2014 to BCEAO re: Gitxaala Nation Working Group Comments on PNW LNG Project EIS/Application: <ul style="list-style-type: none"> • Strength of Claim assessment • Traditional Use Study and Socio-economic Study • Collection of baseline data • EA methodology • Potential impacts to marine environment (i.e. dredging activities) • Modeling of Sediment Plumes Attaches: <ul style="list-style-type: none"> • Gitxaala Nation EIS/Application Comments Table • Gitxaala Nation Strength of Claim Submissions 		In Progress
09-May-2014	From: C. Ponsford (CEAA) To: M. Lambert (PNW) Cc: PNW LNG Technical Working Group members	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> • Marine Resources • Wildlife and Marine Birds • Air Quality • Human Health • Aboriginal Groups 		In Progress
13-May-2014	Letter via Email (transmitted via courier on 26-May-2014) From: L. Jones (PNW) To: J. Witzke (Gitxaala) Letter addressed To: Chief C. Innis (Gitxaala) From: G. Kist (PNW)	Environmental Assessment Capacity Funding		RE: Environmental Assessment Participation Capacity Funding Agreement Encloses: <ul style="list-style-type: none"> • Cheque receipt no. 00001095 - re: May 14 initial payment Environmental Assessment Participation Capacity Funding Agreement, dated May 8, 2014	In Progress
26-May-2014	Letter via Email (transmitted on 27-May-2014) From: L. Jones (PNW) To: Chief C. Innis (Gitxaala)	Consultation Environmental Assessment Capacity Funding		RE: Community Information Sessions - PNW LNG Project <ul style="list-style-type: none"> • Part of implementation of Environmental Agreement Participation Capacity Funding Agreement • Invitation to attend community for a meeting with members to explain the Project 	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
27-May-2014	Email From: C. Anderson (CEAA) To: R. Janes (Gitxaala) Cc: M. Lambert (PNW)	Consultation Environmental Assessment Aboriginal rights and title Cumulative effects Collection of baseline data	RE: Proposed PNW LNG Project In response to Gitxaala's letter of October 31, 2013 Covers: <ul style="list-style-type: none"> • Consultation • Aboriginal rights and title • Cumulative effects • information collection • Regulatory permits Attaches (with letter): <ul style="list-style-type: none"> • Attachment 1: Proposed Consultation Approach - Gitxaala Nation • Table 1: Integrating Consultation into the Environmental Assessment 		In Progress
28-May-2014	Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of the Working Group EIS Comments: <ul style="list-style-type: none"> • Email from Catherine Ponsford (CEAA) to Working Group members dated May 26, 2014 • Email from Catherine Ponsford (CEAA) to Environment Canada (EC), Pacific Northwest (PNW), BCEAO and Stantec, dated May 27, 2014 • Email from Nick Russo (EC) to Catherine Ponsford (CEAA) May 23, 2014. • Record of Discussion - PNW LNG Project - PNW LNG, EC and CEAA May 21, 2014, 3pm, CEAA office in Vancouver • Draft EIS/Application Review Working Group Comments • Draft EIS/Application Review Federal Information Request • Record of Discussion - PNW LNG Project - DFO, PNW LNG, CEAA, May 20, 2014, 9:30 a.m., DFO Office, Nanaimo 	No action by PNW LNG required.	In Progress
29-May-2014	Email From: M. MacEwen (PNW) To: J. Witzke (Gitxaala)	Consultation Environmental Assessment		PNW LNG follow-up to email of 28-Apr-2014. Invitation to Gitxaala dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities	Complete
30-May-2014	Information Distribution via Email From: J. Thorne (CEAA) To: Working Group members		CEAA provided a Table of Federal Information Requests, May 28, 2014	No action by PNW LNG required.	In Progress
02-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: J. Witzke (Gitxaala)	Consultation Environmental Assessment Marine Habitat Offset Strategy		PNW LNG follow-up to May 13, 2014 letter PNW LNG to re-schedule field/boat trip to Lelu Island for June 17-18, 2014 due to CEAA Technical Sub-Working Group meetings. Follow-up email sent 16-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014.	Complete
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief C. Innis (Gitxaala)	Consultation First Nations Job Opportunities		PNW LNG notifies Gitxaala of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
04-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of an email from L. Poier (CEAA) to M. Lambert (PNW) dated 02-Jun-2014 re: Further aspect of federal Information Requests.	No action by PNW LNG required.	In Progress
05-Jun-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Consultation Environmental Assessment Archaeology Data Gap Inventory		Millennia Research engaged by PNW LNG to work on Lelu Island re: data gaps in archaeological inventory. PNW LNG invited Gitxaala to participate.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
				Gitxaala confirmed open to participating	
16-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: J. Witzke (Gitxaala)	Consultation Environmental Assessment Marine Habitat Offset Strategy		Follow up to email sent 02-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014	In Progress
18-Jun-2014	Discussion Between: A. Hall (PNW) and J. Witzke (Gitxaala)	Consultation Environmental Assessment	J. Witzke makes suggestions for 25-Jun-2014 meeting. <ul style="list-style-type: none"> Using overview PowerPoint presentation Time for questions Marine transportation - small and large fishing vessels, accessing resources (i.e. salmon fishing grounds), Berth dredge and disposal Potential impact to First Nation's values, subsequent mitigation plans being implemented or looked into 	PNW LNG discussed community meeting on 25-Jun-2014 for elders, council resource staff and community members with overview of Project.	In Progress
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEAA Working Group's comments tables and FTP site of updated memorandums.	No action from PNW LNG required.	In Progress
24-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: The Working Group	Environmental Assessment		Further to Working Group Meeting of 09-Jun-2014 CEAA provides to Working Group : Letter From: M. Lambert (PNW) To: C. Ponsford (CEAA) with attached: <ul style="list-style-type: none"> Table 1: List of Technical Memoranda. No further action from PNW LNG required.	Complete
25-Jun-2014	Email From: C. Anderson (CEAA) To: J. Witzke (Gitxaala) Cc: C. Ponsford (CEAA), K. Howes (BCEAO), M. Lambert (PNW), A. Pomeroy (Stantec)	Environmental Assessment Federal Information Requests		CEAA requests for Gitxaala Advice on PNW LNG Responses to Information Requests Attaches: <ul style="list-style-type: none"> Table A - for Gitxaala Comments and Advice on PNW IR Responses Table B - PNW Responses to Federal Information Requests No further action by PNW LNG required.	Complete
27-Jun-2014	Payment	Capacity Funding		Advanced payment to Gitxaala re: EA Participation	In Progress
Jul-2014	Information Distribution From: Gitxaala Nation To: PNW LNG	Environmental Assessment Selection of VCs EIS/Application	<ul style="list-style-type: none"> Gitxaala Valued Components Report - Port Edward Area LNG Projects - (Pacific NorthWest LNG Environmental Impact Statement and Environmental Assessment Certification Application) Gitxaala Use Study 		Complete

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> Annex 1: Detailed Comments related to Disposal at Sea Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests PNW LNG Information Request - Additional Comments PNW LNG Information Request - Outstanding Information 	Complete
10-Jul-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment CMTs GAP		PNW LNG provides an update regarding the Arch GAP inventory, CMTs and inter-tidal areas.	In Progress
15-Jul-2014	Email From M. Ignas (Gitxaala) To: G. Murray (PNW) Cc: Chief C. Innis, R. Janes (Gitxaala)	Environmental Assessment Employment and training Consultation	<ul style="list-style-type: none"> Consultation on impacts of the Project Consultation process Engagement 		In Progress
21-Jul-2014	Email From: M. Lambert (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment ROV Collection of baseline information	Timelines and schedule for participation in field work Collection of Baseline information	PNW LNG gives notice to Gitxaala regarding ROV Field Work and invites Gitxaala to participate.	In Progress
20-Aug-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment Consultation Fish and fish habitat EA Agreement	<ul style="list-style-type: none"> TUS review Weekly update telephone calls Aboriginal Consultation report Fisheries sampling plan Field studies EA Agreement / Project status 	Meeting set for 23-Sep-2014	Complete
27-Aug-2014	Telephone Discussion (confirmed via Email) Between: A. Hall (PNW) And: J. Witzke (Gitxaala)	Environmental Assessment Consultation Fish and fish habitat EA Agreement	<ul style="list-style-type: none"> TUS review Weekly update telephone calls Aboriginal Consultation report Fisheries sampling plan Field studies EA Agreement / Project status 	PNW LNG to send TUS questions, location and specific agenda for meeting scheduled 23-Sep-2014	In Progress
02-Sep-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment Consultation	<ul style="list-style-type: none"> Gitxaala involvement in field work process Consultation 	PNW LNG invites Gitxaala to participate in Eel Grass Surveys project. 03-Sep-2014 PNW LNG responds to concerns raised by Gitxaala (see entry below)	In Progress
03-Sep-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment Consultation		PNW LNG responds to concerns raised by Gitxaala in email 02-Sep-2014 <ul style="list-style-type: none"> PNW LNG proposes telephone call to discuss concerns re :marine infrastructure PNW LNG will send draft Fish Sampling Plan to Gitxaala OGC to meet with Gitxaala	In Progress
08-Sep-2014	Email From: A. Hall (PNW) To: J. Witzke (Gitxaala)	Environmental Assessment Consultation TUS		PNW LNG reviewing TUS document. Follow up re: socio-economic & cultural study. PNW LNG to provide marine infrastructure update	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitsumkalum					
03-Oct-2012	Information Distribution: Email From: Catherine Palmer To: Stan Ashcroft Cc: Chief Don Roberts, Kitsumkalum Cc: Cindy Rutherford, VP, PNW	Consultation		PNW LNG provides background information about the Project: <ul style="list-style-type: none"> PETRONAS Progress Backgrounder ("About the PETRONAS-Progress LNG Project") PowerPoint Presentation: "PETRONAS Corporate Briefing, October 2012" 	
03-Dec-2012	Email From: Cindy Rutherford, VP, PNW To: Chief Don Roberts, Kitsumkalum	Consultation		Invitation to Kitsumkalum to meet with contingent of PETRONAS marine and shipping experts 12-Dec-2012 <ul style="list-style-type: none"> Meet to discuss: Ship sizes <ul style="list-style-type: none"> Moss or membrane Fuel types Certification requirements Ship building Water quality Waste water Wave length Coverage of cost to participate 	
08-Dec-2012	Information Distribution: Email From: Cindy Rutherford, VP, PNW To: Chief Don Roberts, Kitsumkalum	Consultation		Invitation to review and comment on project description Attaches: <ul style="list-style-type: none"> Canadian Environmental Assessment Act (2013) Stantec Project Description (Draft Report), December 2012 	
24-Jan-2013	Letter From: C. Rutherford of PNW To: Chief Don Roberts, Kitsumkalum	Consultation		<ul style="list-style-type: none"> Offers capacity funding Offers to negotiate EA agreement with capacity funding Offers information for Lax Kw'alaams review Offers negotiations for EA protocol Offers to review and discuss existing information and knowledge of Lax Kw'alaams' traditional use, rights and interests on Lelu Island Offers for Lax Kw'alaams involvement and projected schedule for further 	In Progress: Kitsumkalum accepted capacity funding. PNW LNG remains willing to accept information from Kitsumkalum and is working to negotiate an IBA with Kitsumkalum. PNW LNG would like to engage Kitsumkalum in an Environmental Assessment Agreement and will continue efforts to do so.
Jan-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000 Payment to First Nations re: EA Field Studies - \$1,234.24 and \$275	
Jun-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000	
18-Jul-2013	Email From: Cindy Rutherford, VP, PNW To: Chief Don Roberts, Kitsumkalum	Employment and Training		Requests First Nations input regarding training and education initiatives	
25-Jul-2013	Email From: Gerry Fraser, PNW To: Chief Don Roberts, Kitsumkalum	Fish and Fish Habitat		Advising Kitsumkalum of upcoming environmental assessment field studies on Lelu Island and invites participation. <ul style="list-style-type: none"> Studies involve Fish & Fish Habitat and soil baseline surveys. 	

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
29-Jul-2013	Letter From: Michael Lambert, PNW To: Chief Don Roberts, Kitsumkalum	Consultation Traditional Use		Traditional Use Study proposal to support goal of gathering information stated in letter of January 24, 2013] PNW description of Traditional Use Study including: <ul style="list-style-type: none"> • Total Traditional Use Study funding of \$60,000 • Traditional Use Study delivery on October 1, 2013 • Traditional Use Study by qualified consultant selected by Kitsumkalum • Describe historic and current use land and resources, identify potential effects on current use, commercial and recreational use, current and historic use of waterways • Traditional Use Study to be used in EA • Request Kitsumkalum share existing information relating to current and historic use • Traditional Use Study to be used in EA • Offer Kitsumkalum bring any concerns about project PNW LNG’s attention 	In Progress PNW LNG remains willing to fund Traditional Use Studies and other studies to understand First Nations interests in relation to the Project.
30-Jul-2013	Letter (dated 26-Jul-2013) From: Chief Don Roberts, Kitsumkalum To: Cindy Rutherford, VP, PNW	Consultation First Nations business opportunities	<ul style="list-style-type: none"> • Requesting to be more informed on the works being conducted in their territory; • Kitsumkalum is conducting an information meeting and invites Cindy Rutherford to attend in order to give members a chance to speak with her about project; and • Request financial assistance for the information meeting • Availability of Kitsumkalum field staff 	PNW LNG replies via email and arranges time to meet and drop off technical reports and studies that include: Table of Contents Volume 1 <ul style="list-style-type: none"> • Preliminary Design Report – Lelu Island Access Road • Study Basis of Marine Traffic and Berth Availability Study • Assessment of Bog and Peat Deposits Phase 1B – GIS Analysis and Field Verification Survey • Pre-FEED Environment Basis of Design • Pre-FEED Phase II Marine Facilities • Berth Cross-Section Drawings • Containment Boom Drawing • Jetty Plan & Berth Drawings • Trestle Plan and Elevation Drawings • Breasting Dolphins Drawings • Materials Off-Load Facility & Turning Basin Drawing • Materials Off-Load Facility Dock Drawings • Phase 1A Geologic Reconnaissance Survey and Geophysical Site Visit • Pre-FEED Air Emissions, Wastewater Effluents and Waste Summaries • Terrestrial Ecosystem Study – Final Report • Historical Tsunami Records • Wind Study • Dredging Report • Culturally Modified Trees on Lelu Island • Memo – Comments on Siting of the Proposed Pacific Northwest LNG Project • Stantec Email – Marine Reconnaissance Survey • Flora Bank Eelgrass Survey • Stantec Email – Environmental Field Studies 2013 • Phase I Environmental Site Assessment – Final Report Table of Contents Volume 2 <ul style="list-style-type: none"> • Preliminary Bathymetry Coverage Areas 	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
				<ul style="list-style-type: none"> • Stantec Email – Results of Onshore Borehole Inspections – Heritage Resources • Stantec Email – Results of Marine Borehole Inspections • Borehole Locations Map • Marine Geophysical Survey Report • Marine Environment Quality in North Coast and Queen Charlotte Islands, British Columbia, Canada: A Review of Containment Sources, Types and Risks • Pre-FEED Flare Study Report • Assessing Cumulative Environmental Effects under the Canadian Environmental Assessment Act, 2012 • Marine Sediment Survey Workplan • ODK Water Supply Wastewater Disposal Feasibility Study – Preliminary Draft • Detailed Air Quality Dispersion Modelling Plan • Development Region 6 – North Coast – Statistical Profile • Proposed LNG Facility Project Site on Lelu Island: An Archaeological Inventory Report • LiDAR Data Capture and Processing Report – KBR/McElhanney 	
01-Aug-2013	Email From: David K. Camp, Legal Counsel, PNW To: Stan Ashcroft, Legal Counsel, Kitsumkalum	Capacity Funding Consultation		Provides draft Environmental Assessment Agreement	In Progress
07-Aug-2013	Information Distribution Delivery of Technical Reports	Marine Resources Archaeological Resources		PNW LNG hand delivers binder containing 40 technical reports. (see above)	Complete
08-Aug-2013	Email From: Gerry Fraser, PNW To: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum	Capacity Funding Consultation		PNW LNG requests notes on study areas discussed Attached a draft EA Agreement	In Progress
13-Aug-2013	Information Distribution: Email From: Cindy Rutherford, VP, PNW To: Chief Don Roberts, Kitsumkalum	Economic Opportunities		Encourages Kitsumkalum to register interests for procurement opportunities.	In Progress
16-Aug-2013	Letter (dated 15-Aug-2013) From: Chief Don Roberts, Kitsumkalum To: Cindy Rutherford, VP, PNW	Consultation Effects to First Nations Rights and Interests Selection of Valued Components Social and economic effects to First Nations Baseline conditions Ship traffic Effects on marine ecosystems Effects on First Nations navigation Effects on marine aboriginal foods	<ul style="list-style-type: none"> • Engagement • Identifies Kitsumkalum valued component pillars <ul style="list-style-type: none"> – Environment – Socio-Economic and Health – Heritage – Land Use • Requests more information surveys and assessments completed, literature reviewed and predictive modeling done with parameters • Sufficiency of time spans, seasonal representation and geographic scope of baseline studies • Inclusion of Kitsumkalum in socio-economic studies • Shipping traffic and impact on marine resources/ability to access resources • Research on currents (wind, water) and life cycles of fish 	PNW LNG replies via letter of September 4, 2013. Requests further discussion regarding Environmental Assessment Agreement. Attaches Draft Environmental Assessment Agreement	

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			<ul style="list-style-type: none"> • Engagement of technical specialists for an information exchange • Framework Agreement components: <ul style="list-style-type: none"> – EA – Mobilization and Construction – Operation – Decommissioning and Site Rehabilitation • Ongoing baseline monitoring and operational audits 		
20-Aug-2013	Letter via Email From: Chief D. Roberts (Kitsumkalum) To: J. Smith (CEAA) Cc: M. Lambert (PNW)	Consultation Effects to First Nations Rights and Interests EISG	Responding to CEAA's June 14, 2013 letter Issues: <ul style="list-style-type: none"> • Crown's duty to consult with Kitsumkalum • identification of potential impacts to Aboriginal rights and title • Exercise of Aboriginal rights and title • Treaty process • Proposed consultation and accommodation approach • EISG • Preliminary assessment of Kitsumkalum title and rights 		In Progress
23-Aug-2013	Letter by Email From: Chief D. Roberts (Kitsumkalum) To: Kenneth Howes (BCEAO) (forwarded to M. Lambert (PNW) by email on 10-Dec-2013)	Consultation Effects to First Nations Rights and Interests Selection of Valued Components Social and economic effects to First Nations Baseline conditions Ship traffic Effects on marine ecosystems	RE: Comments to s. 11 Order (July 2013) Issues: <ul style="list-style-type: none"> • Aboriginal rights and title • Scope of the assessment • Pre-application stage - consulting with Kitsumkalum in a timely manner and list of permits • Aboriginal Consultation Plan • Further project impacts to be identified i.e. air quality, migrating fish, etc. • Project impact to shipping traffic, fish and fish habitat • Surveys and assessment results of PNW and review of literature with knowledge gap analysis by Kitsumkalum • Selection of valued components 		In Progress
23-Aug-2013	Email From: Chief D. Roberts (Kitsumkalum) To: S. Ashcroft (Kitsumkalum), D. Camp (BLG)	Consultation	<ul style="list-style-type: none"> • Review of LNG components • EA discussions and pros and cons of LNG • Understanding and negotiating shares 		In Progress
09-Sep-2013	Email From: Gerry Fraser, PNW To: Chief Don Roberts, Kitsumkalum	Marine Resources		Advising Kitsumkalum of upcoming marine field studies Stantec will be conducting in mid-Sept on Lelu Island from September 17 to 22, 2013 and invites participation. Studies involve collection of marine invertebrates (e.g. crabs, shrimp, clams)	Complete
09-Sep-2013	Information Distribution: Email From: Gerry Fraser, PNW To: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum	Geotechnical Investigation		<ul style="list-style-type: none"> • Attaches Phase I Environmental Site Assessment Report 	Complete
10-Sep-2013	Meeting Andy Hall, Environment and First Nations Advisor, PNW To: Rick Budhwa, Crossroads, Kitsumkalum	Consultation Traditional Use		PNW LNG meets with Kitsumkalum to discuss previous Traditional Use Studies and work required for current Traditional Use Study	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
11-Sep-2013	Letter From: Lindsay Jones, PNW To: Chief Don Roberts, Kitsumkalum	Marine Navigation		Invitation to attend TERMPOL workshop	Complete
11-Sep-2013	Email From: David K. Camp, Legal counsel, PNW To: Stan Ashcroft, Legal counsel, Kitsumkalum	Consultation		Email thread attaching: <ul style="list-style-type: none"> Draft Environmental Assessment Agreement, redlined version showing changes from previous draft. 	
12-Sep-2013	Information Distribution: Email From: Rick Budhwa, Crossroads, Kitsumkalum To: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum Cc: Andy Hall, Environment and First Nations Advisor, PNW	Marine Navigation	<ul style="list-style-type: none"> Email attaches: Crossroads Cultural Resource Management Kitselas Baseline, Gap Analysis and Recommendations Technical Review Proposal, September 11, 2013 		
13-Sep-2013	Meeting From: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum To: Gerry Fraser, PNW	Effects of First Nations rights and interests Effects on marine ecosystem Effects of ships on the Port Effects of the transit of LNG carriers on fishing	<ul style="list-style-type: none"> Cumulative marine traffic of all North Coast projects affecting fisheries Effects of increased traffic/noise in Triple Is. Pilot station on fish Effects of increased traffic in Triple Is. Pilot station; Environmental effects upon the fish; Increased chance of collision; Vessel noise impacting fish; Decreased access to important fishing areas in Chatham Sound; Lack of coordination between the industry, the port, and other regulatory authorities; No comprehensive and inclusive process in place by industry to assess and measure impacts of increased shipping upon First Nations marine interests Effects of increased traffic in Triple Is. Pilot station where deep sea vessels and fishing vessels may be forced into close quarters; Impact of vessel noise on the fish 	PNW LNG agrees to: <ul style="list-style-type: none"> follow up regarding requirements Traditional Use Study plan deliverables for socio-economic assessment involve Kitsumkalum in pioneer dock study work with Kitsumkalum to assess employment needs 	In Progress
18-Sep-2013	Information Distribution: Letter (by email) From: Grace Chow, Administrative Assistant, PNW To: Chief Don Roberts, Kitsumkalum	Consultation Effects on marine ecosystem Effects on fresh water and fish habitat Selection of Valued Components RAA boundaries		Attaches: <ul style="list-style-type: none"> draft Technical Data Report – Terrestrial Wildlife and Marine Birds draft Technical Data Report – Vegetation and Wetlands Geotechnical Investigation – Environmental Monitoring Report, September 2013 	Complete
19-Sep-2013	Email From: Andy Hall, Environment and First Nations Advisor, PNW To: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum	Effects on First Nations rights and interests Consultation		PNW LNG provides contact for historical Traditional Use Studies.	Complete
23-Sep-2013	Payment			Direct payment to Kitsumkalum (G. Mathews) for travel/accommodation: <ul style="list-style-type: none"> \$1,176.35 – accommodation and meals – marine foreshore surveys [Source: Stantec Monthly Progress Report, December 2013,	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
				dated 03 Jan 2014]	
Oct-2013	Payment	Capacity Funding		Payment to First Nations re: EA Field Studies - \$3,389.76 and \$1,129.92	In Progress
04-Oct-2013	Letter From: Chief Don Roberts, Kitsumkalum To: Ken Howes, Project Assessment Manager, BCEAO Cc: (by email) Michael Lambert, PNW	Natural Disasters Hydrocarbon spills Facility air emissions Greenhouse Gas emissions Culturally Modified Trees Effects on First Nations Rights and Interests Consultation Selection of Valued Components RAA boundaries Baseline conditions Scope of assessment Effects on marine ecosystem Effects on fresh water and fish habitat Effects on LAA salmon habitat and migration Effects on First Nations navigation Marine food gathering Visual quality	<ul style="list-style-type: none"> • Effects of earthquakes in gas fields and subsequent effects of shutting down supply. • LAA for increased risk of accidents and spills • Impacts to air quality up the Skeena River valley and up and down the coast exceeding the 50 km distance used in the RAA • GHG Management VC at the RAA level • Cumulative effect of several gas burning power plants; • Dispersion reports; and • Kitsumkalum review of technical reports • Inclusion of ancient Kitsumkalum site adjacent to Project Site. • Claim of historical settlement directly adjacent to Project site; and • Inclusion of alteration or destruction of sense of place under "Archaeological and Heritage Resources" VC. • Selection of Valued Components for cumulative effects assessment; • Kitsumkalum review of assessment of cumulative effects; and • Detailed reports and assessments of the determination of significance of cumulative effects. • Assessment of Project's effects on Aboriginal rights and title; • Timelines for consultation; • Sufficiency of concurrent permitting process for consultation; • Request full consultation to respond to every permit, license or approval application. • Inclusion of Economic Environment, Navigation and Marine Resource Use VCs; • local assessment spatial boundaries for VCs; • RAA level addressing of GHG management VC; • Alteration or destruction of sense of place included under "Archaeological and Heritage Resources" VC. • Completeness of rationale for inclusion of Valued Components; • Relationships between Valued Components. • Areas for air quality assessment, Infrastructure and Services and Community Health and Well-Being; • Inclusion of Skeena River corridor, including Terrace; • LAA should not be limited to the immediate areas around the proposed project, requests more holistic approach; • GHG Management VC needs to be addressed at the RAA level; the RAA boundary of the Skeena Queen Charlotte Regional District needs to be increased to include the Skeena corridor up to and including Terrace; and • LAA must reflect increased risk of shipping accidents • Ecosystem level impacts. • Holistic approach to LAA; and • Sufficiency of LAA re: wind patterns and air movements; train, highway and air traffic. • Seasonal timing of baseline studies; and • Methodology and materials used for baseline studies. • Ecosystem level impacts of the projects in RAA; • RAA boundaries for VCs; • EIS should include marine fish, marine mammals, marine habitat, intertidal flora and fauna 	<p>PNW LNG replies to Kitsumkalum via letter on November 7, 2013.</p> <p>PNW LNG attaches a document that catalogued all of Kitsumkalum's comments and provided a reply for each of those comments.</p> <p>PNW revised the AIR in consideration of the comments provided by Kitsumkalum.</p> <p>Attaches:</p> <ul style="list-style-type: none"> • Table of Responses to Kitsumkalum Comments re: dAIR 	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			<ul style="list-style-type: none"> • Effects to the marine environment; • Essential species represented in the baseline studies; and • Inclusion of marine fish, marine mammals, marine habitat, intertidal flora and fauna in EIS • EIS should include marine fish, marine mammals, marine habitat, intertidal flora and fauna • Flora Banks has high habitat value and is sensitive • Increased vessel traffic and impact on fishing, public recreation, marine use and aboriginal use. • Inclusion of Skeena Estuary in LAA. • “Ambient Light” in EA; • Lights of ships impact on viewscape and seabirds 		
16-Oct-2013	Information Distribution: Email From: Rick Budhwa, Crossroads, Kitsumkalum To: Stantec Cc: Gerry Fraser, PNW		Kitsumkalum Traditional Land Use Study and Socioeconomic Study planning, summarizing what could be done by November 15, 2013. Attaches: <ul style="list-style-type: none"> • Crossroads Kitselas Traditional Land Use Study Work Plan Outline • Crossroads Kitselas Socio-economic Study Work Plan Outline • Crossroads Kitselas Baseline, Gap Analysis and Recommendations Technical Review Proposal 	PNW LNG continues to work with Kitsumkalum in understanding traditional uses and potential socio-economic interests.	In Progress
16-Oct-2013	Email From: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum To: Gerry Fraser, PNW		Kitsumkalum cancels meeting of October 17, 2013 meeting. <ul style="list-style-type: none"> • Would like to discuss matters with Chief Roberts present • Kitsumkalum ready to start working on the socioeconomic and traditional use studies but still waiting for baseline study reports 	PNW LNG replies stating that the intention of the meeting is to make progress towards capacity agreement and provide feedback for Environmental Assessment submission PNW LNG reiterates intention to engage Kitsumkalum in IBA negotiations. Attaches: <ul style="list-style-type: none"> • Draft Kitsumkalum Environmental Assessment Agreement • September 13, 2013 meeting notes • List of Studies. 	
24-Oct-2013	Email From: Stan Ashcroft To: David Camp, Legal Counsel, PNW Cc: Chief Don Roberts, Kitsumkalum	Capacity Funding Consultation	<ul style="list-style-type: none"> • Kitsumkalum will be sending a proposed revised EA Agreement • Letter forthcoming re consultation with Kitsumkalum 	Negotiations of Environmental Assessment Agreement	In Progress
04-Nov-2013	Letter (by email) From: Chief Don Roberts, Kitsumkalum To: Lindsay Jones, Environmental and First Nations Engagement Advisor, PNW	Consultation Effect on First Nations Rights and Interests Social and economic effects to First Nations	<ul style="list-style-type: none"> • Kitsumkalum’s relationship with Pacific NorthWest • Project impacts to Aboriginal title and rights • Consultation/engagement with Kitsumkalum regarding the Project • Environmental Assessment Agreement, Negotiations Framework Agreement, impact and benefits agreement • Traditional Land Use Study and Socio-economic Study • Capacity funding Attaches: <ul style="list-style-type: none"> • “Declaration of the Kitsumkalum Indian Band of the Tsimshian Nation of Aboriginal Title and Rights to Prince Rupert Harbour and Surrounding Coastal Areas” • 28-Oct-2013 Letter From: Bram Rogachevsky, Legal Counsel, Kitsumkalum To: Mark Lofthouse, Chief Negotiator (Ministry of Aboriginal Relations and Reconciliation), Michael Henderson, Regional Director General, Pacific Region (Transport Canada), and Frank Osendarp, Chief 	PNW LNG replies via letter November 15, 2013. PNW LNG reiterates willingness to engage in negotiations for IBA and Environmental Assessment Agreement. PNW LNG commits to more capacity funding. Payment 04-Nov-2013 To Kalum Quarry Ltd. <ul style="list-style-type: none"> • \$870.98 – Kitsumkalum participation in October soil survey [Source: Stantec Monthly Progress Report, December 2013, dated 03 Jan 2014]	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
			Negotiator (Aboriginal Affairs and Northern Development Canada)		
7-Nov-2013	Letter			PNW LNG replies to Kitsumkalum’s letter of 04-Oct-2013 via letter on November 7, 2013. PNW LNG attaches a document that catalogued all of Kitsumkalum’s comments and provided a reply for each of those comments. PNW revised the AIR in consideration of the comments provided by Kitsumkalum. Attaches: • Table of Responses to Kitsumkalum Comments re: dAIR	Complete
19-Nov-2013	Information Distribution: From: Miranda MacEwen, Executive Assistant, PNW To: R. Gemeinhardt, Consultation Referral Specialist, Kitsumkalum	Consultation Effects on marine ecosystem Effects on fresh water and fish habitat Selection of Valued Components RAA boundaries		Attaches: • draft Technical Data Report – Terrestrial Wildlife and Marine Birds • draft Technical Data Report – Vegetation and Wetlands • Geotechnical Investigation – Environmental Monitoring Report, September 2013	Complete
22-Nov-2013	Information Distribution via Email From: G. Fraser (PNW) To: R. Gemeinhardt (Kitsumkalum)	BDP 2	• R. Gemeinhardt requests for copy of permit issued by the PRPA for BDP 1 and BDP 2 • R. Gemeinhardt confirms receipt and indicates is very close to letter of agreement	22-Nov-2013 PNW LNG sends email to Kitsumkalum attaching BDP 1 and BDP 2 permits from PRPA.	Complete
04-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation		PNW LNG sends to Kitsumkalum and welcomes feedback: • Plan for Procedural Aspects of Aboriginal Consultation	In Progress
20-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation		PNW LNG sends draft record of consultation to Kitsumkalum and welcomes feedback: • Narrative Summary of Consultation • Appendix I – Table of Interactions • Appendix II – Participation in Field Studies • Appendix III Technical Reports Distribution List	In Progress
20-Dec-2013	Letter From: B. Rogachevsky (Kitsumkalum) To: L. Jones (PNW) Cc: Chief D. Roberts (Kitsumkalum) et al.	Consultation Aboriginal rights and title	Issues: • Report relied on by Crown to determine its preliminary assessment of Kitsumkalum aboriginal title and rights • Engagement with Kitsumkalum • Identifying impacts of proposed Project on aboriginal rights and title • Mitigation of potential impacts Encloses: • “Declaration of the Kitsumkalum Indian Band of the Tsimshian Nation of Aboriginal Title and Rights to Prince Rupert Harbour and Surrounding Coastal Areas”		In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation		RE: Follow-up on letter of December 20, 2013 re: Narrative Summary of Consultation, Appendix I – Table of Interactions, Appendix II – Participation in Field Studies, Appendix III Technical Reports Distribution List PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation		RE: Follow-up on letter of December 4, 2013 re: Plan for Procedural Aspects of Aboriginal Consultation PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
07-Jan-2014	Letter via Email From: K. Howes (BCEAO) To: Chief D. Roberts (Kitsumkalum) (forwarded to M. Lambert (PNW))	Aboriginal rights and title Scope of Project Scope of Assessment Consultation EA Methodology Habitat and Wildlife Studies	RE: Responding to Letter of August 23, 2013 re s. 11 Order and comments Covers: <ul style="list-style-type: none"> • Kitsumkalum Aboriginal Interests • Scope of the proposed project • Scope of the assessment • Assessment procedures – pre-application stage • Consultation with Aboriginal groups • Results of PNW LNG’s studies • comments to dAIR reviewed by EAO 		Complete
07-Jan-2014	Email From: B. Nelson (CEAA) To: M. Lambert (PNW) Cc: CEAA, R. Gemeinhardt, Chief D. Roberts (Kitsumkalum) et al.	Consultation EA Methodology Effects on marine ecosystem Effects on fresh water and fish habitat Selection of Valued Components RAA boundaries	RE: Meeting between CEAA and Kitsumkalum on November 21, 2013 Concerns raised by Kitsumkalum: <ul style="list-style-type: none"> • Studies to marine resources in all stages of life cycles • Collection of fish study data (i.e. salmon in EISG and dAIR) • Acid deposition and effects on ecology • GHG emissions • Long-term monitoring • Cumulative effects • Exclusion zones – impacts on harvesting • Vessel traffic affecting fisheries • Noise and wash • Impacts on anchorage • Baseline data and approaching Kitsumkalum for information 		In Progress
20-Jan-2014	Meeting Attendees: (Kitsumkalum) Chief D. Roberts, T. Bennett, R. Harris, R. Gemeinhardt (PNW LNG) L. Jones, A. Hall	Consultation Environmental Assessment Economic Benefit Archaeological Values Capacity Funding	<ul style="list-style-type: none"> • Kitsumkalum rights and title interests on the coast • EA processes • Project timelines • Capacity funding • TUS Funding 	<ul style="list-style-type: none"> • PNW LNG to consider TUS funding request • Discussion of potential EA Agreement 	In Progress
21-Jan-2014	Information Distribution: via Email From: M. MacEwen (PNW) To: Chief D. Roberts (Kitsumkalum) Cc: R. Gemeinhardt (Kitsumkalum)	Archaeological Values Fresh water and fish habitat Marine ecosystems Habitat and Wildlife Studies Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds		PNW LNG distributed the following reports: <ul style="list-style-type: none"> • Archaeological Inventory – Lelu Island report, November 27, 2013 • Archeological Impact Assessment – Geotechnical Drilling Program, November 27, 2013 • Draft Technical Data Report for Vegetation and Wetlands, September 2013 • Draft Technical Data Report – Terrestrial Wildlife and Marine Birds, September 2013 • Draft Rev. B Technical Data Report – Marine, October 2013 • Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	Complete
22-Jan-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation		Stantec to meet with R. Budhwa to develop workplan and detailed budget for project Interim product deliverable July 2014, final product September/October	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
24-Jan-2014	Engagement Between: L. Jones (PNW) And: R. Gemeinhardt (Kitsumkalum) and Chief D. Roberts (Kitsumkalum)	Consultation		PNW LNG confirmed that Kitsumkalum will be coming to meet on 20-Jan-2014. Agendas being worked out between L. Jones, D. Roberts and R. Gemeinhardt. PNW LNG provided Kitsumkalum with a draft Engagement Agreement	In Progress
27-Jan-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation		<ul style="list-style-type: none"> PNW LNG suggests R. Budhwa contact Stantec directly for meeting re: workplan and detailed budget for project 	In Progress
28-Jan-2014	Emails From: R. Gemeinhardt (Kitsumkalum) To: A. Hall (PNW)	Consultation Work plan and Budget Environmental Assessment Economic Benefit Capacity Funding	<ul style="list-style-type: none"> TUS and SES GAP analysis to be worked into SES Scope of the TUS Revised budget and workplan Engagement funding EA Agreement and list of expenses 	PNW LNG to review Kitsumkalum's email in detail and will respond before the end of Feb-2014. 20-Feb-2014 PNW LNG confirms via email Discussion regarding draft EA Agreement of 27-Jan-2014. Attaches updated draft EA Agreement.	In Progress
29-Jan-2014	Information Distribution via Email From: M. MacEwen (PNW) To: Chief D. Roberts (Kitsumkalum) Cc: R. Gemeinhardt (Kitsumkalum)	Consultation AIA		PNW LNG provides a link to download the report entitled "Proposed LNG Facility Site on Lelu Island: An Archaeological Impact Assessment" dated 31-Dec-2013.	Complete
02-Feb-2014	Email From: R. Harris (Kitsumkalum) To: L. Jones (PNW)	Economic Benefits Agreement Work plan and Budget Capacity Funding Consultation	Attaches: <ul style="list-style-type: none"> Draft Work Plan and budget for Economic Benefits Agreement, Jan 2014 – Dec 2014 		
03-Feb-2014	Email From: R. Harris (Kitsumkalum) To: L. Jones (PNW)	Economic Benefits Agreement Work plan and Budget Capacity Funding Consultation	Attaches: <ul style="list-style-type: none"> Draft Work Plan and budget for Economic Benefits Agreement, Jan 2014 – Dec 2014 		
06-Feb-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: L. Jones (PNW) and A. Hall (PNW) Cc: Chief D. Roberts (Kitsumkalum), S. Roberts (Kitsumkalum)	Environmental Assessment Work plan and Budget Consultation Scope of Assessment Aboriginal rights and title Impacts and Benefits Agreement Capacity Funding	<ul style="list-style-type: none"> Kitsumkalum engagement in EA process for the Project Estimated budget and Work Plan Knowledge Gap Analysis TUS and SES EA process Impact of Project on Kitsumkalum Aboriginal rights and title 	PNW LNG to review Kitsumkalum's email of 06-Feb-2014 in detail and will respond before the end of Feb-2014.	In Progress
19-Feb-2014	Information Distribution Letter via Email From: B. Clark (PNW) To: Chief D. Roberts (Kitsumkalum) Cc: R. Gemeinhardt (Kitsumkalum)	dAIR		PNW LNG provides Kitsumkalum with: <ul style="list-style-type: none"> Final dAIR document with tracked changes, Feb-2014 Table of dAIR working group comments Also copied to B. Nelson (CEAA), K. Howes (BCEAO) and A. Pomeroy (Stantec) via e-mail. 20-Feb-2013 BCEAO provides Kitsumkalum with letter confirming acceptance of dAIR	In Progress

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Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
20-Feb-2014	Meeting Attendees: L. Jones (PNW), R. Williams, A. Hall (PNW), D. Fairbairn, BLG R. Gemeinhardt (Kitsumkalum), R. Harris (Kitsumkalum), R. Harris, R. Cox, T. Bennett	Consultation Environmental Assessment		PNW LNG confirms via email Discussion regarding draft EA Agreement of 27-Jan-2014. Attaches updated draft EA Agreement.	In Progress
24-Feb-2014	Email c/o R. Gemeinhardt (Kitsumkalum) From: Chief D. Roberts (Kitsumkalum) To: Kitsumkalum Cc: L. Jones (PNW)	Consultation Aboriginal rights and title	Chief D. Roberts' Email of 21-Feb-2014. <ul style="list-style-type: none"> Re: Meeting of 20-Feb-2014 Consultation and negotiations with Kitsumkalum Kitsumkalum strength of claim and Aboriginal rights and title 		In Progress
24-Feb-2014	Information Distribution via Letter From: M. Lambert (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment EIS		PNW LNG delivers EIS and Application for EA Certificate.	In Progress
24-Feb-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: A. Hall (PNW), L. Jones (PNW)	Consultation Aboriginal rights and title	Kitsumkalum sends to PNW LNG a copy of the "Declaration of the Kitsumkalum Indian Band of the Tsimshian Nation of Aboriginal Title and Rights to Prince Rupert Harbour and Surrounding Coastal Areas," October 2013. In subsequent email 25-Feb-2014, Kitsumkalum sends a copy of a map entitled "Kitsumkalum Territory A" dated 18-Jan-2013	No response required by PNW LNG.	Complete
28-Feb-2014	Information Distribution via Courier From: Stantec To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment		Stantec delivered EA Application to First Nation via courier. Acknowledgement signed by R. Gemeinhardt.	In Progress
28-Feb-2014	Information Distribution by Email From: R. Gemeinhardt (Kitsumkalum) To: A. Hall (PNW)	Environmental Assessment	Kitsumkalum sends to PNW LNG a copy of the draft Environmental Assessment Engagement Agreement, initialed by Rina Gemeinhardt (Kitsumkalum) and Roger Harris (Kitsumkalum).	28-Feb-2014 PNW LNG and Kitsumkalum had a review meeting held at the Kitsumkalum Band Office. Next step: Kitsumkalum and PNW LNG lawyers to review	In Progress
05-Mar-2014	Information Distribution by Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment		PNW LNG provides Kitsumkalum with an updated EA Agreement	In Progress
06-Mar-2014	Letter via Email From: A. Hall (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation Environmental Assessment		PNW LNG acknowledges that there may be concerns regarding the EIS and Application. PNW LNG welcomes First Nations community to discuss the Project at the meetings proposed by PNW.	In Progress
13-Mar-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation Environmental Assessment		PNW LNG asks for Kitsumkalum to contact them with any questions regarding the EA Application. PNW LNG follows up on offer to attend Kitsumkalum to provide overview of EA Application.	In Progress
18-Mar-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: A. Hall (PNW), M. Lambert (PNW), L. Jones (PNW)	Environmental Assessment	<ul style="list-style-type: none"> Map of Kitsumkalum Traditional Territory in EA Certificate Application (Figure #27-6) incorrect Requests report of expert used to review Kitsumkalum's "interests in Lelu Island and its vicinity" (referred to in Table 3-3) Attaches: <ul style="list-style-type: none"> Kitsumkalum Territory map, 18-Jan-2013 	M. Lambert (PNW) indicates that PNW LNG is amending the map. Report referenced by R. Gemeinhardt (Kitsumkalum) will be provided once EA Agreement in place.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
19-Mar-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: M. MacEwen (PNW)	Consultation Environmental Assessment	Attaches: <ul style="list-style-type: none"> • Kitsumkalum revised Engagement Agreement with proposed changes • Kitsumkalum invoice no. 1080-1, 03-Mar-2014 	<ul style="list-style-type: none"> • PNW LNG reviewing proposed changes to Engagement Agreement. • PNW LNG should have comments on revisions back to Kitsumkalum by 20-Mar-2014 • Invoicing will be revised by Kitsumkalum 	In Progress
21-Mar-2014	Letter via Email From: Chief D. Roberts (Kitsumkalum) To: K. Howes (BCEAO), B. Nelson (CEAA) Cc: M. Lambert (PNW)	Consultation Environmental Assessment AIR Selection of VCs Marine ecosystems	<ul style="list-style-type: none"> • Timeframe for review of Application • Negotiations regarding Traditional Use Study and Socioeconomic Study • Review of project impacts • Completeness assessments and application • Assessing potential effects and information for same: • Review for gaps in baseline studies • Revision to “Benefits of Project Change” to “Reduction in Negative Impacts through Project Changes” • Baseline conditions and assessment of biophysical environment • Boundaries of LAA and RAA for VCs • At-sea issues for wildlife • Eulachon baseline studies, Eulachon cycle and Kitsumkalum fisheries • References to documents (i.e. technical/journal reports) • Formatting of document (i.e. MS Excel, numbering sub-sections, table headings, header sections) 		In Progress Kitsumkalum to have comments and information re: potential Project impacts to Kitsumkalum rights and title will be submitted after studies completed
25-Mar-2014	Letter via Email From: K. Howes (BCEAO) To: Chief D. Roberts (Kitsumkalum) Cc: M. Lambert	Consultation Environmental Assessment		BCEAO confirms that PNW LNG’s Application for an EA Certificate was found to contain required information specified in the final AIR. 180-day review process has begun. Draft Assessment Report will be circulated by BCEAO in 4-5 months to Working Group First Nation can submit separate submission to EAO to be provided to Ministers Proposed Project available on EAO website. 25-Mar-2014 CEAA emailed the Working Group Members re: the Application screening and updates to same. Also provided FTP link for EIS Application. CEAA requests detailed feedback by 01-May-2014 and provides details on Working Group meetings and open houses. Attaches: PNW LNG EIS Comment Table (template)	In Progress
25-Mar-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: K. Howes (BCEAO), B. Nelson (CEAA) Cc: Chief D. Roberts (Kitsumkalum) Email Forwarded From: K. Howes (BCEAO) To: B. Clark (PNW), A. Pomeroy (Stantec)	Consultation Environmental Assessment AIR Aboriginal rights and title Cumulative effects	<ul style="list-style-type: none"> • Kitsumkalum sends remaining comments for s. 27 • Requested from BCEAO summary of comments and explanation of how application acceptable Attaches: <ul style="list-style-type: none"> • s. 27 Table of Concordance AIR 		In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
25-Mar-2014	Meeting Between: KBR and Y. Wesley (Kitsumkalum), LNG Coordinator, P. Dozzie (Kitsumkalum), Director of Operations, D. Collins (Kitsumkalum), Past Chief and between: F. DeBartolo (assistant to Chief G. Reece) Teleconference Between: KBR and F. Belfry, GM (Embark) and P. Tapp, Community Infrastructure & Development (Embark)	Consultation		Meeting held at Village Economic Development Office	Complete
27-Mar-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: L. Jones (PNW)	EA Agreement	<ul style="list-style-type: none"> Kitsumkalum provides draft EA Engagement Agreement with accepted changes. 		In Progress
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief D. Roberts (Kitsumkalum)	Environmental Assessment EIS		PNW LNG again welcomes the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress
03-Apr-2014	Email From: R. Gemeinhardt (Kitsumkalum) To: L. Jones (PNW) and A. Hall (PNW) Cc: Chief D. Roberts (Kitsumkalum)	Environmental Assessment TUS Capacity Funding	<ul style="list-style-type: none"> Kitsumkalum provides signed EA Engagement Agreement and Band Council Resolution Kitsumkalum has instructed TUS/SES consultant to Proceed 	PNW LNG to provide cheques.	In Progress
08-Apr-2014	Meeting Information Distribution Attendees: Working Group Members	Environmental Assessment	<ul style="list-style-type: none"> Traditional Use Study and Social Economic Study EA Application review Community review of the Project Kitsumkalum made requests regarding the Health Presentation Kitsumkalum had requests regarding the Trestle 	PNW LNG presented 8 EA Health PowerPoint presentations. 14-Apr-2014 A. Hall (PNW) provided R. Gemeinhardt (Kitsumkalum) with an ftp link to download the presentations. A. Hall advised the trestle sketches can be found in EA S. 15 Navigation and Marine Resource Use – will ask L. Jones to provide hard copy of sketch.	In Progress
14-Apr-2014	Information Distribution via Email (and ftp link) From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment	<ul style="list-style-type: none"> Kitsumkalum made requests regarding the Health Presentation Kitsumkalum had requests regarding the Trestle 	A. Hall (PNW) provided R. Gemeinhardt (Kitsumkalum) with an ftp link to download the presentations. A. Hall advised the trestle sketches can be found in EA S. 15 Navigation and Marine Resource Use – will ask L. Jones to provide hard copy of sketch.	In Progress
15-Apr-2014	Letter via Hand Delivery c/o L. Jones (PNW) From: G. Kist (PNW) To: Chief D. Roberts (Kitsumkalum) Cc: L. Jones (PNW)	Consultation		PNW LNG invites Kitsumkalum to attend a tour of the PETRONAS LNG Facility in Bintulu, Malaysia during the week of May 11-17, 2014 PNW LNG offers to cover airfare, accommodation and meals.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
28-Apr-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: R. Gemeinhardt (Kitsumkalum) Cc: B. Clark (PNW), A. Pomeroy (Stantec), A. Hall (PNW)	Consultation Environmental Assessment Fish and fish habitat		PNW LNG thanked Kitsumkalum for participating in Working Group meeting. Further discussions in Vancouver 05-May-2014. PNW LNG invites Kitsumkalum with First Nations representatives to dinner to discuss opportunities for fish habitat offset program.	In Progress
28-Apr-2014	Meeting Attendees: A. Hall (PNW) and R. Gemeinhardt (Kitsumkalum)	Environmental Assessment	<ul style="list-style-type: none"> • Kitsumkalum to send response letter about 4 critical questions for PNW LNG on application: <ul style="list-style-type: none"> – Marine access, Eulichon fishery and two others • TUS and Socio-economic studies • Meetings and field trip on Marine offset strategy – Kitsumkalum would like to participate 	PNW LNG met with Kitsumkalum regarding review of EA Application. Cross Roads working on TUS and Socio-economic studies Follow up meeting to be scheduled post-Working Group Meeting to discuss issues in detail. Kitsumkalum can contact D. Gordon (Stantec) directly with questions	In Progress
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief D. Roberts (Kitsumkalum) Cc: R. Gemeinhardt (Kitsumkalum), L. Jones (PNW)	Consultation First Nations Job Opportunities		PNW LNG notifies Kitsumkalum of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
09-May-2014	From: C. Ponsford (CEAA) To: M. Lambert (PNW) Cc: PNW LNG Technical Working Group members	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> • Marine Resources • Wildlife and Marine Birds • Air Quality • Human Health • Aboriginal Groups 		In Progress
11-May-2014 to 15-May-2014	Tour	Consultation	Kitsumkalum delegation attends tour of PETRONAS in Bintulu, Malaysia		Complete
13-May-2014	Letter via Email From: B. Clark (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation Environmental Assessment Marine offset		PNW LNG invites Kitsumkalum to participate in field trip/boat trip for week of June 9-10, 2010 to help explore habitat offset ideas and introduces David Gordon with Stantec 02-Jun-2014 PNW LNG sends follow-up email to Kitsumkalum.	In Progress
28-May-2014	Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of the Working Group EIS Comments: <ul style="list-style-type: none"> • Email from Catherine Ponsford (CEAA) to Working Group members dated May 26, 2014 • Email from Catherine Ponsford (CEAA) to Environment Canada (EC), Pacific Northwest (PNW), BCEAO and Stantec, dated May 27, 2014 • Email from Nick Russo (EC) to Catherine Ponsford (CEAA) May 23, 2014. • Record of Discussion - PNW LNG Project - PNW LNG, EC and CEAA May 21, 2014, 3pm, CEAA office in Vancouver • Draft EIS/Application Review Working Group Comments • Draft EIS/Application Review Federal Information Request • Record of Discussion - PNW LNG Project - DFO, PNW LNG, CEAA, May 20, 2014, 9:30 a.m., DFO Office, Nanaimo 	No action by PNW LNG required.	Complete
30-May-2014	Information Distribution via Email From: J. Thorne (CEAA) To: Working Group members		CEAA provided a Table of Federal Information Requests, May 28, 2014	No action by PNW LNG required.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
02-Jun-2014	Meeting (Email summarizing meeting transmitted 03-Jun-2014) Attendees: A. Hall (PNW), D. Gordon (Stantec) R. Gemeinhardt (Kitsumkalum), S. Kriegl (Kitsumkalum), N. Wallace (Silverwood Consulting) and Y. Wesley (Kitsumkalum)	Consultation Environmental Assessment	EA Issues: <ul style="list-style-type: none"> marine habitat assessment Marine Habitat Offset opportunities Marine Berth Dredge Cumulative effects (including overlapping project concerns with PRGT) 2014 Marine Surveys project Kitsumkalum to provide their Marine Plan, Salmon Enhance Report Kitsumkalum participating in workshop June 9 and field trip 17-Jun-2014 	<ul style="list-style-type: none"> PNW LNG to schedule meeting to review Marine Habitat models Look into opportunities to coordinate marine habitat assessment activities in Skeena Estuary Clarification re: First Nation involvement in Project permit process Stantec to provide opportunities for Kitsumkalum tech staff to participate in Marine surveys project 	In Progress
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief D. Roberts (Kitsumkalum)	Consultation First Nations Job Opportunities		PNW LNG notifies Kitsumkalum of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
04-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of an email from L. Poier (CEAA) to M. Lambert (PNW) dated 02-Jun-2014 re: Further aspect of federal Information Requests.	No action by PNW LNG required.	Complete
05-Jun-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation Environmental Assessment Archaeology Data Gap Inventory		Millennia Research engaged by PNW LNG to work on Lelu Island re: data gaps in archaeological inventory. PNW LNG invited Kitsumkalum to participate. Kitsumkalum responds 12-Jun-2014 and confirms they would like a rep to participate.	In Progress
16-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation Environmental Assessment Marine Habitat Offset Strategy		Follow up to email sent 02-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014	In Progress
17-Jun-2014	Information Distribution via Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Consultation		As per Kitsumkalum's request, PNW LNG provides link to First Nations Food, Nutrition & Environment Study, Results from British Columbia 2008/2009. PNW LNG would like to work out new meeting date due to PNW LNG arranging Information Request responses.	In Progress
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEAA Working Group's comments tables and FTP site of updated memorandums.	No action from PNW LNG required.	Complete
24-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: The Working Group	Environmental Assessment		Further to Working Group Meeting of 09-Jun-2014 CEAA provides to Working Group : Letter From: M. Lambert (PNW) To: C. Ponsford (CEAA) with attached: <ul style="list-style-type: none"> Table 1: List of Technical Memoranda. No further action from PNW LNG required.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
25-Jun-2014	Email From: C. Anderson (CEAA) To: R. Gemeinhardt (Kitsumkalum) Cc: C. Ponsford (CEAA), K. Howes (BCEAO), M. Lambert (PNW), A. Pomeroy (Stantec)	Environmental Assessment Federal Information Requests		CEAA requests for Kitsumkalum Advice on PNW LNG Responses to Information Requests Attaches: <ul style="list-style-type: none"> Table A - for Kitsumkalum Comments and Advice on PNW IR Responses Table B - PNW Responses to Federal Information Requests No further action by PNW LNG required.	In Progress
10-Jul-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment CMTs GAP		PNW LNG provides an update regarding the Arch GAP inventory, CMTs and inter-tidal areas.	In Progress
21-Jul-2014	Email From: M. Lambert (PNW) To: Y. Wesley (Kitsumkalum)	Environmental Assessment ROV Collection of baseline information		PNW LNG gives notice to Kitsumkalum regarding ROV Field Work and invites Kitsumkalum to participate.	Complete
01-Aug-2014	Information Distribution via Email From: Y. Wesley (Kitsumkalum) To: A. Hall (PNW) Cc: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment TUS	Kitsumkalum provides to PNW LNG Kitsumkalum Traditional Use Study Interim Report for Pacific Northwest LNG/Petronas, July 30, 2014 07-Aug-2014 Interim report not reviewed by Chief D. Roberts.	PNW LNG will work together with Kitsumkalum on how to incorporate TUS into EA.	In Progress
07-Aug-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment TUS		<ul style="list-style-type: none"> TUS review Project Activity polygons Table of Traditional Use Table of Impacts Weekly update calls Aboriginal Consultation report Fisheries sampling plan Other field studies EA agreement / Project status Invitation to Kitsumkalum to schedule meeting to develop next steps re: TUS	In Progress
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> Annex 1: Detailed Comments related to Disposal at Sea Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests PNW LNG Information Request - Additional Comments PNW LNG Information Request - Outstanding Information 	In Progress
19-Aug-2014	Telephone Meeting / Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment TUS AIA GAP Consultation		PNW LNG summarizes meeting schedule with Kitsumkalum. <ul style="list-style-type: none"> Terrace meeting dates TUS review Adz found on Lelu Lelu AIA GAP report Weekly update calls Aboriginal Consultation report Fisheries sampling plan 	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitxaala					
02-Sep-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment		PNW LNG invites Kitsumkalum to participate in Eel Grass Surveys project.	In Progress
04-Sep-2014	Email From: A. Hall (PNW) To: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment Consultation		PNW LNG follows up regarding Kitsumkalum's availability to discuss Project update. Telephone discussion occurred 04-Sep-2014.	Complete
04-Sep-2014	Telephone Discussion Between: .A. Hall (PNW) And: R. Gemeinhardt (Kitsumkalum)	Environmental Assessment Consultation		PNW discussed the following: <ul style="list-style-type: none"> • PNW LNG exploring new terminal options • Engagement with Skeena Fisheries Commission (SFC), Lax Kw'alaams, Metlakatla and DFO for initial discussion • New technical concepts to Tsimshian and SFC member First Nations • Terminal design • Marine infrastructure • Camp options 	Complete
04-Sep-2014	Information Distribution via Email From: K. van Loon (PNW) To: Y. Wesley (Kitsumkalum) Cc: L. Nye (Trans Canada), A. Hall (PNW)	Project Description		PNW LNG delivers to Kitsumkalum combined Project Description from Prince Rupert Gas Transmission and PNWLNG and map of proposed pipeline route.	Complete

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Kitselas					
28-Nov-2012	Information Distribution: From: Cindy Rutherford, VP, PNW To: Chief Judy Gerow, Kitselas			Invitation to attend workshop on November 29, 2012. Information to be covered: <ul style="list-style-type: none"> • Preliminary studies on archaeology, terrestrial ecosystems, wildlife • new environmental assessment process adopted by CEAA • future studies Attaches: <ul style="list-style-type: none"> • Diagram entitled “CEAA 2012 Standard Environmental Assessment Process” 	Complete
30-Nov-2012	Email From: Cindy Rutherford, VP, PNW To: Chief Judy Gerow, Kitselas	Consultation		Requests early input from Kitselas on the draft Project Description before submitting draft to CEAA.	Complete
03-Dec-2012	Email From: Cindy Rutherford, VP, PNW To: Chief Judy Gerow, Kitselas			Invitation to Kitselas to meet with contingent of PETRONAS marine and shipping experts 12-Dec-2012 <ul style="list-style-type: none"> • Meet to discuss: <ul style="list-style-type: none"> – Ship sizes – Moss or membrane – Fuel types – Certification requirements – Ship building – Water quality – Waste water – Wave length • Coverage of cost to participate 	Complete
08-Dec-2012	Information Distribution: Email From: Cindy Rutherford, VP, PNW To: Chief Judy Gerow, Kitselas			Invitation to review and comment on project description Attaches: <ul style="list-style-type: none"> • Canadian Environmental Assessment Act, S.C. 1992, c. 37 (2013) • Stantec Project Description (Draft Report), December 2012 	Complete
12-Dec-2012	Meeting Between PNW LNG and Kitselas	Loss of LNG containment Effect on First Nations navigation Effects of ships on the Port First Nations job opportunities	<ul style="list-style-type: none"> • Loss of containment on double hulled ships; and • Grounding incidents. • Accommodation of Kitsumkalum marine use. • Size of ships; • Volume of ship traffic; and • Fuel used for ships. • Opportunities for Kitselas members to work in the terminal and shipping. 	PNW LNG provides answers to questions about these issues at the meeting.	In Progress PNW LNG remains willing to discuss Kitselas’ concerns regarding the Project.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
24-Jan-2013	Letter From: C. Rutherford of PNW To: Chief Judy Gerow, Kitselas	Consultation		<ul style="list-style-type: none"> Offers capacity funding Offers to negotiate EA agreement with capacity funding Offers information for Kitselas review Offers negotiations for EA protocol Offers to review and discuss existing information and knowledge of Kitselas' traditional use, rights and interests on Lelu Island Offers for Kitselas involvement and projected schedule for further studies 	In Progress: Kitselas accepted capacity funding. PNW LNG remains willing to accept information from Kitselas and is working to negotiate an IBA with Kitselas. PNW LNG would like to engage Kitselas in an Environmental Assessment Agreement and will continue efforts to do so.
25-Jan-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000	In Progress
12-Feb-2013	Information Distribution: Email From: Chris Knight To: Cindy Rutherford, VP, PNW Cc: Chief Judy Gerow, Kitselas		Attaches: <ul style="list-style-type: none"> Kitselas Lands and Resources Stewardship Policy Kitselas Geothermal project description Optimized Geothermal Exploration Approach 	PNW LNG has reviewed.	Complete
Jan-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000	In Progress
Jun-2013	Payment	Capacity Funding		Payment to First Nations re: EA Participation - \$20,000	In Progress
18-Jul-2013	Email From: Cindy Rutherford, VP, PNW To: Chief Joe Bevan, Kitselas	Economic Opportunities		Requests First Nations input regarding training and education initiatives	In Progress PNW LNG remains willing to discuss Kitselas' capacity for economic opportunities associated with the Project.
25-Jul-2013	Email From: Gerry Fraser, PNW To: Chief Joe Bevan, Kitselas	Marine Resources		Advising Kitselas of upcoming environmental assessment field studies on Lelu Island and invites participation. Studies involve Fish & Fish Habitat and soil baseline surveys.	Complete
29-Jul-2013	Letter From: Michael Lambert, PNW To: Chief Joe Bevan, Kitselas	Consultation Traditional Use		<p>Traditional Use Study proposal [to support goal of gathering information stated in letter of January 24, 2013]</p> <ul style="list-style-type: none"> PNW description of Traditional Use Study including: <ul style="list-style-type: none"> Total Traditional Use Study Funding of \$60,000 Traditional Use Study delivery on October 1, 2013 Traditional Use Study by qualified consultant selected by Kitselas Describe historic and current use land and resources, identify potential effects on current use, commercial and recreational use, current and historic use of waterways Traditional Use Study to be used in EA Request Kitselas share existing information relating to current and historic use Traditional Use Study to be used in EA Offer Kitselas bring any concerns about project PNW LNG's attention 	In Progress PNW LNG remains willing to fund Traditional Use Studies and other studies to understand First Nations interests in relation to the Project.

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
01-Aug-2013	Email From: Michael Lambert, PNW To: Sonja Ramsay, Director Lands and Resources, Kitselas	Consultation Capacity Funding		Attaches: <ul style="list-style-type: none"> Draft Environmental Assessment Agreement. PNW LNG promises delivery of binder of studies completed around EA for Kitselas review on August 7, 2013.	In Progress PNW LNG remains willing to negotiate and finalise an Environmental Assessment Agreement with Kitselas.
07-Aug-2013	Information Distribution	Marine Resources Wildlife Technical engineering reports		PNW LNG delivers a binder of technical reports related to the Project for Kitselas' review. These included: Table of Contents Volume 1 <ul style="list-style-type: none"> Preliminary Design Report – Lelu Island Access Road Study Basis of Marine Traffic and Berth Availability Study Assessment of Bog and Peat Deposits Phase 1B – GIS Analysis and Field Verification Survey Pre-FEED Environment Basis of Design Pre-FEED Phase II Marine Facilities Berth Cross-Section Drawings Containment Boom Drawing Jetty Plan & Berth Drawings Trestle Plan and Elevation Drawings Breasting Dolphins Drawings Materials Off-Load Facility & Turning Basin Drawing Materials Off-Load Facility Dock Drawings Phase 1A Geologic Reconnaissance Survey and Geophysical Site Visit Pre-FEED Air Emissions, Wastewater Effluents and Waste Summaries Terrestrial Ecosystem Study – Final Report Historical Tsunami Records Wind Study Dredging Report Culturally Modified Trees on Lelu Island Memo – Comments on Siting of the Proposed Pacific Northwest LNG Project Stantec Email – Marine Reconnaissance Survey Flora Bank Eelgrass Survey Stantec Email – Environmental Field Studies 2013 Phase I Environmental Site Assessment – Final Report Table of Contents Volume 2 <ul style="list-style-type: none"> Preliminary Bathymetry Coverage Areas Stantec Email – Results of Onshore Borehole Inspections – Heritage Resources Stantec Email – Results of Marine Borehole Inspections Borehole Locations Map Marine Geophysical Survey Report Marine Environment Quality in North Coast and Queen Charlotte Islands, British Columbia, Canada: A Review of Containment Sources, Types and Risks Pre-FEED Flare Study Report Assessing Cumulative Environmental Effects under the Canadian Environmental Assessment Act, 2012 Marine Sediment Survey Workplan 	Complete

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Kitselas					
				<ul style="list-style-type: none"> • ODK Water Supply Wastewater Disposal Feasibility Study – Preliminary Draft • Detailed Air Quality Dispersion Modelling Plan • Development Region 6 – North Coast – Statistical Profile • Proposed LNG Facility Project Site on Lelu Island: An Archaeological Inventory Report • LiDAR Data Capture and Processing Report – KBR/McElhanney 	
13-Aug-2013	Information Distribution: Email From: Cindy Rutherford, VP, PNW To: Chief Joe Bevan, Kitselas			Invitation for Kitselas to register procurement interests.	In Progress PNW LNG remains interested in Kitselas' capacity for economic participation in the Project.
30-Aug-2013	Meeting From: Sonja Ramsay, Director Lands and Resources, Kitselas Andy Hall, PNW LNG Brian Clark, PNW LNG	Facility air emissions Effects on First Nations rights and interests Effects of ships on the Port	<ul style="list-style-type: none"> • cumulative effects and air quality • Traditional Use Study with social economic and environmental values • Timelines • Fish health (i.e. salmon) • Communication strategy 	PNW LNG commits to further discussion and to provide draft Letter of Agreement and draft agreement for Traditional Use Study. PNW LNG also agrees to follow up on a communication and engagement strategy, training session for Kitselas on review of technical reports, tour of Lelu Island and employment opportunities.	In Progress
09-Sep-2013	Email From: Gerry Fraser, PNW To: Chief Joe Bevan, Kitselas	Marine Resources		Advising Kitselas of upcoming marine field studies Stantec will be conducting in mid-Sept on Lelu Island from September 17 to 22, 2013 and invites participation. Studies involve collection of marine invertebrates (e.g. crabs, shrimp, clams)	Complete
09-Sep-2013	Information Distribution: Email From: Hall, Andy, Environment and First Nations Engagement Advisor, PNW To: Sonja Ramsay, Director Lands and Resources, Kitselas	Consultation		Attaches: <ul style="list-style-type: none"> • Pacific Northwest LNG Environmental Assessment under CEAA – Engagement Letter re: Proposed LNG Terminal for Lelu Island. Dated January 24, 2013 • Draft Environmental Assessment Agreement between Kitselas and PNW. • PNW LNG confirms they are still working on draft Traditional Use Study agreement. 	Complete
10-Sep-2013	Email From: Gerry Fraser, PNW To: Chief Joe Bevan, Kitselas	Marine Resources		Advising Kitselas of upcoming marine field studies Stantec will be conducting in mid-Sept on Lelu Island from September 17 to 22, 2013 and invites participation. Studies involve collection of marine invertebrates (e.g. crabs, shrimp, clams)	Complete
11-Sep-2013	Letter From: Lindsay Jones, Environmental and First Nations Advisor, PNW To: Chief Joe Bevan, Kitselas	Marine Navigation		Invitation to attend TERMPOL workshop	Complete
13-Sep-2013	Letter From: Sonja Ramsay, Director Lands and Resources, Kitselas To: Michael Lambert, PNW	Traditional Use Study	<ul style="list-style-type: none"> • Request for PDF map indicating area of interest • Corresponding SHP FILES • Request for 90 day extension 	PNW LNG acknowledges receipt of requests and advised will get back to Kitselas Attaches: <ul style="list-style-type: none"> • Draft PNW Project Layout, Projection: UTM – Zone 9 • Plot file (data .zip file) 	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
18-Sep-2013	Information Distribution: Letter (by email) From: Grace Chow, Administrative Assistant, PNW To: Chief Joe Bevan, Kitselas	Consultation Effects on marine ecosystem Effects on fresh water and fish habitat Selection of Valued Components RAA boundaries		Attaches: <ul style="list-style-type: none"> draft Technical Data Report – Terrestrial Wildlife and Marine Birds draft Technical Data Report – Vegetation and Wetlands Geotechnical Investigation – Environmental Monitoring Report, September 2013 	Complete
24-Sep-2013	Email From: Grace Chow, Administrative Assistant, PNW To: Chief Joe Bevan, Kitselas	Marine Navigation		Reminder about TERMPOL Workshop Attaches: <ul style="list-style-type: none"> TERMPOL Hazard Identification (HAZID) workshop presentation re: Ridley Island and Lelu Island Marine Terminal Approach 	Complete
21-Oct-2013	Letter From: Lindsay Jones, Environmental and First Nations Advisor, PNW To: Chief Joe Bevan, Kitselas			PNW LNG reiterates commitment to capacity funding and willingness to negotiate an Environmental Assessment Agreement. Letter encloses: <ul style="list-style-type: none"> Form of agreement representing a starting point for discussion Section 11 order. 	In Progress
07-Nov-2013	Information Distribution: From: Hall, Andy, Environment and First Nations Engagement Advisor, PNW To: Phyllis Adams, Executive Assistant to Terese Hagan, Kitselas			Attaches: <ul style="list-style-type: none"> PNW Newsletter regarding PNW/BCEAO Open Houses on November 19 and 20, 2013 in Port Edward and Prince Rupert 	Complete
04-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief J. Bevan (Kitselas)	Consultation		PNW LNG sends to Kitselas and welcomes feedback: <ul style="list-style-type: none"> Plan for Procedural Aspects of Aboriginal Consultation 	
20-Dec-2013	Information Distribution via Email From: G. Fraser (PNW) To: Chief J. Bevan (Kitselas)	Consultation		PNW LNG sends draft record of consultation to Kitselas and welcomes feedback: <ul style="list-style-type: none"> Narrative Summary of Consultation Appendix I – Table of Interactions Appendix II – Participation in Field Studies Appendix III Technical Reports Distribution List 	In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief J. Bevan (Kitselas)	Consultation		RE: Follow-up on letter of December 20, 2013 re: Narrative Summary of Consultation, Appendix I – Table of Interactions, Appendix II – Participation in Field Studies, Appendix III Technical Reports Distribution List PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress
17-Jan-2014	Letter via email From: M. Lambert (PNW) To: Chief J. Bevan (Kitselas)	Consultation		RE: Follow-up on letter of December 4, 2013 re: Plan for Procedural Aspects of Aboriginal Consultation PNW LNG gave notice that consultation plan will be submitted to BCEAO on January 20, 2014.	In Progress

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Kitselas					
21-Jan-2014	Information Distribution: via Email From: M. MacEwen (PNW) To: Chief J. Bevan (Kitselas)	Archaeological Values Fresh water and fish habitat Marine ecosystems Habitat and Wildlife Studies Environmental Impacts Vegetation and Wetlands Terrestrial Wildlife and Marine Birds		PNW LNG distributed the following reports: <ul style="list-style-type: none"> Archaeological Inventory – Lelu Island report, November 27, 2013 Archeological Impact Assessment - Geotechnical Drilling Program, November 27, 2013 Draft Technical Data Report for Vegetation and Wetlands, September 2013 Draft Technical Data Report - Terrestrial Wildlife and Marine Birds, September 2013 Draft Rev. B Technical Data Report - Marine, October 2013 - Draft Rev. C Wetland Habitat Compensation Plan, December 2013 	Complete
21-Jan-2014	Email From: A. Hall (PNW) To: T. Hagen (Kitselas), K. McDames (Kitselas)	Consultation dAIR		PNW LNG provides an update on the project. <ul style="list-style-type: none"> PNW near completion of review and comment period for dAIR Requested comments from Kitselas re: First Nations Consultation Plan and consultation engagement summary A. Hall left a voicemail message for T. Hagen to follow up on 21-Jan-2014 email 20-Feb-2013 BCEAO provides Kitsumkalum with letter confirming acceptance of dAIR	In Progress
29-Jan-2014	Information Distribution via Email From: M. MacEwen (PNW) To: Chief J. Bevan (Kitselas) And To: T. Hagen (under separate email)	Consultation AIA		PNW LNG provides a link to download the report entitled “Proposed LNG Facility Site on Lelu Island: An Archaeological Impact Assessment” dated 31-Dec-2013.	Complete
31-Jan-2014	Telephone call From: P. Adams (Kitselas) To: A. Hall (PNW)	Consultation Environmental Assessment	<ul style="list-style-type: none"> Meeting for Project update EA Agreement under October 2013 letter to Chief J. Bevan Topics for review: <ul style="list-style-type: none"> EA EA Agreement Project Timelines Open House Opportunities to present Project to Kitselas community 	07-Feb-2014 PNW LNG provides Kitselas by email with copy of October 21, 2013 letter to Chief J. Bevan. Proposed February 26/27, 2014 for meeting with Kitselas.	In Progress Kitselas will follow up on proposed meeting dates and will get back to PNW LNG.
07-Feb-2014	Information Distribution via Email From: L. Jones (PNW) To: P. Adams (Kitselas)	Consultation Environmental Assessment		See PNW LNG action to 31-Jan-2014 entry. Attaches: <ul style="list-style-type: none"> Letter from L. Jones (PNW) to Chief J. Bevan (Kitselas) dated 21-Oct-2013 	In Progress Kitselas will follow up on proposed meeting dates and will get back to PNW LNG.
20-Feb-2014	Information Distribution via Email Letter From: K. Howes (BCEAO) To: Chief J. Bevan (Kitselas) Cc: M. Lambert (PNW)	dAIR		BCEAO provides Metlakatla with letter confirming acceptance of dAIR. No action by PNW LNG required.	Complete
24-Feb-2014	Information Distribution via Letter From: M. Lambert (PNW) To: K. McDames Jr. (Kitselas)	Environmental Assessment EIS		PNW LNG delivers EIS and Application for EA Certificate.	In Progress

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Kitselas					
28-Feb-2014	Meeting Attendees: A. Hall (PNW) T. Hagen (Kitselas), D. Taft (Kitselas)	Consultation Environmental Assessment		PNW LNG emails Kitselas on 04-Mar-2014 welcoming questions on the draft EA Agreement and offers assistance.	
28-Feb-2014	Information Distribution via Courier From: Stantec To: D. Taft (Kitselas)	Environmental Assessment		Stantec delivered EA Application to First Nation via courier. Acknowledgement signed by D. Taft.	In Progress
04-Mar-2014	Email From: A. Hall (PNW) To: T. Hagen (Kitselas), D. Taft (Kitselas)	Consultation Environmental Assessment		PNW LNG thanks Kitselas for attending meeting and welcomes questions Kitselas may have on the draft EA Agreement and offers assistance.	
06-Mar-2014	Letter via Email From: A. Hall (PNW) To: Chief J. Bevan (Kitselas)	Consultation Environmental Assessment		PNW LNG acknowledges that there may be concerns regarding the EIS and Application. PNW LNG welcomes First Nations community to discuss the Project at the meetings proposed by PNW.	In Progress
13-Mar-2014	Email From: A. Hall (PNW) To: T. Hagen (Kitselas)	Consultation Environmental Assessment		PNW LNG asks for Kitselas to contact them with any questions regarding the EA Application. PNW LNG follows up on offer to attend Kitselas to provide overview of EA Application.	In Progress Kitselas will forward information to K. McDames Jr and team to lead Kitselas on BCEAO related activities
25-Mar-2014	Letter via Email From: K. Howes (BCEAO) To: Chief J. Bevan (Kitselas) Cc: M. Lambert	Consultation Environmental Assessment		BCEAO confirms that PNW LNG's Application for an EA Certificate was found to contain required information specified in the final AIR. 180-day review process has begun. Draft Assessment Report will be circulated by BCEAO in 4-5 months to Working Group First Nation can submit separate submission to EAO to be provided to Ministers Proposed Project available on EAO website. 25-Mar-2014 CEAA emailed the Working Group Members re: the Application screening and updates to same. Also provided FTP link for EIS Application. CEAA requests detailed feedback by 01-May-2014 and provides details on Working Group meetings and open houses. Attaches: PNW LNG EIS Comment Table (template)	In Progress
25-Mar-2014	Meeting Between: KBR and P. Adams (Kitselas), Executive Assistant to T. Hagan (Kitselas)	Consultation		Meeting at Band office, Kitselas Village	Complete
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief J. Bevan (Kitselas)	EA EIS		PNW LNG again welcomes the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
16-Apr-2014	Letter via Email From: G. Kist (PNW) To: Chief J Bevan (Kitselas) Cc: L. Jones (PNW)	Consultation		PNW LNG invites Kitselas to attend a tour of the PETRONAS LNG Facility in Bintulu, Malaysia during the week of May 11-17, 2014 PNW LNG offers to cover airfare, accommodation and meals.	In Progress
28-Apr-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: D. Taft (Kitselas) Cc: B. Clark (PNW), A. Pomeroy (Stantec), A. Hall (PNW)	Consultation Environmental Assessment Fish and fish habitat		PNW LNG thanked Kitselas for participating in Working Group meeting. Further discussions in Vancouver 05-May-2014. PNW LNG invites Kitselas with First Nations representatives to dinner to discuss opportunities for fish habitat off set program. Follow up sent 29-May-2014.	In Progress
28-Apr-2014	Telephone Calls From: A. Hall (PNW) To: T. Hagen (Kitselas)	Consultation Environmental Assessment		PNW LNG left messages for Kitselas to follow up regarding tour to Bintulu, Malaysia and draft EA Agreement.	In Progress
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief J. Bevan (Kitselas) Cc: AT. Hagen (Kitselas), L. Jones (PNW)	Consultation First Nations Job Opportunities		PNW LNG notifies Kitselas of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
09-May-2014	From: C. Ponsford (CEAA) To: M. Lambert (PNW) Cc: PNW LNG Technical Working Group members	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> • Marine Resources • Wildlife and Marine Birds • Air Quality • Human Health • Aboriginal Groups 		In Progress
13-May-2014	Letter via Email From: B. Clark (PNW) To: D. Taft (Kitselas)	Consultation Environmental Assessment Marine offset		PNW LNG invites Kitselas to participate in field trip/boat trip for week of June 9-10, 2010 to help explore habitat offset ideas and introduces David Gordon with Stantec 02-Jun-2014 PNW LNG sends follow-up email to Kitselas.	In Progress
28-May-2014	Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of the Working Group EIS Comments: <ul style="list-style-type: none"> • Email from Catherine Ponsford (CEAA) to Working Group members dated May 26, 2014 • Email from Catherine Ponsford (CEAA) to Environment Canada (EC), Pacific Northwest (PNW), BCEAO and Stantec, dated May 27, 2014 • Email from Nick Russo (EC) to Catherine Ponsford (CEAA) May 23, 2014. • Record of Discussion - PNW LNG Project - PNW LNG, EC and CEAA • May 21, 2014, 3pm, CEAA office in Vancouver • Draft EIS/Application Review Working Group Comments • Draft EIS/Application Review Federal Information Request • Record of Discussion - PNW LNG Project - DFO, PNW LNG, CEAA, May 20, 2014, 9:30 a.m., DFO Office, Nanaimo 	No action by PNW LNG required.	Complete
29-May-2014	Email From: M. MacEwen (PNW) To: D. Taft (Kitselas)	Consultation Environmental Assessment		PNW LNG follow-up to email of 28-Apr-2014. Invitation to Kitselas dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities	In Progress
30-May-2014	Information Distribution via Email From: J. Thorne (CEAA)		CEAA provided a Table of Federal Information Requests, May 28, 2014	No action by PNW LNG required.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
	To: Working Group members				
02-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: D. Taft (Kitselas)	Consultation Environmental Assessment Marine Habitat Offset Strategy		PNW LNG follow-up to May 13, 2014 letter PNW LNG to re-schedule field/boat trip to Lelu Island for June 17-18, 2014 due to CEEA Technical Sub-Working Group meetings. Follow-up email sent 16-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014.	In Progress
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief J. Bevan (Kitselas), T. Hagen (Kitselas)	Consultation First Nations Job Opportunities		PNW LNG notifies Kitselas of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
04-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: Working Group members	Environmental Assessment	CEAA provided a copy of an email from L. Poier (CEAA) to M. Lambert (PNW) dated 02-Jun-2014 re: Further aspect of federal Information Requests.	No action by PNW LNG required.	Complete
12-Jun-2014	Email From: S. Coggins (Kitselas) To: A. Hall (PNW)	Consultation Environmental Assessment	S. Coggins available 19-Jun-2014 but will leave date with T. Hagen (Kitselas).	PNW LNG proposes to meet J17-Jun-2014 or 19-Jun-2014 to discuss details on engagement schedules for deliverables, associated costs and future meeting schedule. PNW LNG will provide Traditional Use information to Kitselas shortly.	In Progress
16-Jun-2014	Email From: M. MacEwen (PNW) for B. Clark (PNW) To: D. Taft (Kitselas)	Consultation Environmental Assessment Marine Habitat Offset Strategy		Follow up to email sent 02-Jun-2014. Field/boat trip delayed due to concerns by First Nations' workload – re-scheduling in early July 2014	In Progress
19-Jun-2014	Meeting: Between: A. Hall (PNW) And: S. Coggins (Kitselas)	Consultation Environmental Assessment TUS SES		Details of meeting confirmed in email of 23-Jun-2014.	Complete
23-Jun-2014	Email From: A. Hall (PNW) To: S. Coggins (Kitselas)	Environmental Assessment Engagement Agreement		PNW LNG confirmation of matters agreed to at meeting on June 19, 2014: Schedule B table would be revised to focus on 4 key deliverables - community liase officer; EA Engagement, Studies (TUS/Socio-Economic); and Permitting; Overall budget is for \$285,000 minus \$40,000 provided previously (\$245,000)	Complete
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEEA Working Group's comments tables and FTP site of updated memorandums.	No action from PNW LNG required.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
24-Jun-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: The Working Group	Environmental Assessment		Further to Working Group Meeting of 09-Jun-2014 CEAA provides to Working Group : Letter From: M. Lambert (PNW) To: C. Ponsford (CEAA) with attached: • Table 1: List of Technical Memoranda. No further action from PNW LNG required.	Complete
25-Jun-2014	Email From: C. Anderson (CEAA) To: K. McDames (Kitselas and S. Ramsay (Kitselas) Cc: C. Ponsford (CEAA), K. Howes (BCEAO), M. Lambert (PNW), A. Pomeroy (Stantec)	Environmental Assessment Federal Information Requests		CEAA requests for Kitselas Advice on PNW LNG Responses to Information Requests Attaches: • Table A - for Kitselas Comments and Advice on PNW IR Responses • Table B - PNW Responses to Federal Information Requests No further action by PNW LNG required.	In Progress
30-Jun-2014	Information Distribution via Email From: S. Coggins (Kitselas) To: A. Hall (PNW)	Environmental Assessment Engagement Agreement	Kitselas delivers to PNW LNG: • Draft MOU between Kitselas and PNW LNG	PNW LNG working with J. Balough on wording of document. A. Hall (PNW) spoke to S. Coggins (Kitselas) on 02-Jul-2014 and exchanged emails on 04-Jul-2014 re: Kitselas EA Agreement and Permitting line. Draft EA Agreement finalized 08-Jul-2014. PNW LNG added new clause 7 dealing with permitting segment of Project.	In Progress
08-Jul-2014	Email From: A. Hall (PNW) To: K. Bevan (Kitselas)	Consultation	• K. Bevan (Kitselas) introduces herself to PNW LNG as new Community Liason Officer for Kitselas.	PNW LNG invites Kitselas to meet with liason officer during week of July 21, 2014	In Progress
08-Jul-2014	Email From: L. Jones (PNW) To: J. Balogh, S. Coggins (Kitselas), and A. Hall (PNW)	Engagement Agreement Environmental Assessment		PNW LNG delivers draft EA agreement assembled and formatted. PNW LNG added new clause 7 dealing with permitting segment of Project.	In Progress
22-Jul-2014	Email From: M. MacEwen (PNW) To: S. Coggins (Kitselas) Cc: T. Hagen (Kitselas), A. Hall (PNW)	Consultation Environmental Assessment Fish and Fish Habitat Disposal at Sea		PNW LNG invites Kitselas to participate in fish habitat survey at Brown Passage disposal at sea site using Remotely Operated Underwater Vehicle Survey from July 24 - August 1, 2014	In Progress
29-Jul-2014	Email From: A. Hall (PNW) To: K. Bevan (Kitselas)	Environmental Assessment Consultation	Kitselas Community Liason Officer will get back to PNW LNG regarding meeting.	No action from PNW LNG required.	In Progress
30-Jul-2014	Information Distribution via Email From: S. Coggins (Kitselas) To: A. Hall (PNW)	Environmental Assessment TUS	Kitselas provides to PNW LNG: Kitselas First Nation Traditional Use Study Analysis: The North Coast Territories - Lelu Island, July 28, 2014		Complete
05-Aug-2014	Information Distribution by hand / Meeting Attendees: PNW LNG, Chief J. Bevan (Kitselas), T. Hagen (Kitselas), S. Coggins (Kitselas), A. Hall (PNW)	Environmental Assessment		PNW hand delivers: • Memorandum of Understanding, July 22, 2014 with MOU Payments (cheque no. 00001389 and 00001422) • Capacity Funding Agreement, July 22, 2014 with payment (cheque no. 00001421)	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
05-Aug-2014	Email From: A. Hall (PNW) To: K. Bevan (Kitselas)	Environmental Assessment		PNW LNG and Kitselas agree to setting community meeting for 30-Sep-2014	In Progress
07-Aug-2014	Email From: S. Coggins (Kitselas)	Environmental Assessment Consultation Fish and fish habitat EA Agreement TUS	<ul style="list-style-type: none"> • TUS review • Weekly update telephone calls • Aboriginal Consultation report • Fisheries sampling plan • Field studies • EA Agreement / Project status 	PNW LNG to suggest day and time for weekly update calls. Meeting occurred 13-Aug-2014	In Progress
13-Aug-2014	Meeting Attendees: A. Hall (PNW), S. Coggins (Kitselas), K. Bevan (Kitselas)	Environmental Assessment TUS EA Agreement		A. Hall of PNW LNG summarizing meeting in email: <ul style="list-style-type: none"> • TUS reports • TUS review • Community meeting September 30, 2014 • Bi-weekly scheduled calls • Aboriginal Consultation report • Field sampling • LNG trip for Kitselas Senior Leadership Team • Community Liason replacement • Marine Impacts meeting • EA Agreement - Memorandum of Understanding 	In Progress
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> • Annex 1: Detailed Comments related to Disposal at Sea • Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests • PNW LNG Information Request - Additional Comments • PNW LNG Information Request - Outstanding Information 	In Progress
02-Sep-2014	Email From: A. Hall (PNW) To: S. Coggins and K. McDames (Kitselas)	Environmental Assessment		PNW LNG invites Kitselas to participate in Eel Grass Surveys project.	In Progress
05-Sep-2014	Telephone Discussion Between: .A. Hall (PNW) And: D. Taft (Kitselas)	Environmental Assessment Consultation		PNW discussed the following: <ul style="list-style-type: none"> • PNW LNG exploring new terminal options • Engagement with Skeena Fisheries Commission (SFC), Lax Kw'alaams, Metlakatla and DFO for initial discussion • New technical concepts to Tsimshian and SFC member First Nations • Terminal design • Marine infrastructure • Camp options 	Complete
08-Sep-2014	Telephone Discussion Between: .A. Hall (PNW) And: S. Coggins (Kitselas)	Environmental Assessment Consultation		PNW discussed same matters as telephone discussion on 05-Sep-2014 (above)	Complete
09-Sep-2014	Payment	Capacity Funding		Payment to First Nation re: Capacity Funding - \$35,000	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Gitga'at					
21-Sep-2012	Information Distribution via Email From: M. Lambert (PNW) To: PETRONAS Cc: G. Kist (PNW), D. Camp (BLG), C. Rutherford (PNW), M. Razalli (PETRONAS), C. Palmer (Gitga'at), M. Ward (National), T. Little (National) and D. Fairbairn	Environmental Assessment		<ul style="list-style-type: none"> PNW LNG delivers draft project description for review and comment for 27-Sep-2012. 	Complete
15-Feb-2013	Letter (transmitted 19-Feb-2013) From: Chief B. Reece (Gitga'at) To: C. Rutherford (PNW) Cc: C. Palmer (Gitga'at), D. Cardinall (Gitga'at)	Aboriginal rights and title Project impact Marine traffic Air quality	Notice to PNW of Gitga'at First Nation interests affected by the project Issues: <ul style="list-style-type: none"> Project impact (e.g. shipping activities, air emissions, socioeconomic effects) Project impact to interests of Gitga'at Passage of ships 	PNW LNG and Gitga'at arrange meeting for 08-Apr-2013 to discuss the letter and related matters.	Complete
27-May-2013	Letter via Email From: Chief A. Clifton (Gitga'at) To: J. Smith (CEAA) Cc: C. Rutherford (PNW), M. Lambert (PNW) and D. Cardinall (Gitga'at)	Consultation Environmental Assessment Marine traffic Project Impacts Air Quality	RE: Letter follows letter from Bruce Reece (GITG) dated April 24, 2013. Issues: <ul style="list-style-type: none"> Potential impacts of the project to marine vessel traffic, marine environment, coastal ecosystems Impacts on local marine travel and marine harvesting Risk of marine accident or vessel casualty Greenhouse gas and air quality Pressures on regional economic and resource use Consultation and engagement with Gitga'at 	No action by PNW LNG required. J. Smith (CEAA) responds to Gitga'at correspondence dated April 24, 2013 and May 27, 2013. <ul style="list-style-type: none"> Comments submitted by Gitga'at being considered during EA process Public participation opportunities - funding for EA process and applications for funding 	Complete
25-Jun-2013	Email From: D. Cardinall (Gitga'at) To: C. Rutherford (PNW)	Consultation Environmental Assessment	<ul style="list-style-type: none"> Gitga'at follow-up with PNW LNG to confirm how PNW LNG will engage with Gitga'at re: EA process and other project-related discussions. 	PNW LNG and Gitga'at have chance meeting on 05-Jul-2013. PNW LNG putting together TERMPOL. Offers to share results with Gitga'at. Requests availability mid-late July 2013 for meeting.	
05-Jul-2013	Meeting Attendees: C. Rutherford (PNW) And: D. Cardinall (Gitga'at)	Consultation Environmental Assessment		PNW LNG and Gitga'at have chance meeting on 05-Jul-2013. PNW LNG putting together TERMPOL. Offered to share results with Gitga'at. Requests availability mid-late July 2013 for meeting.	
09-Jul-2013	Letter via Email From: M. Ross (Gitga'at) To: J. Smith (CEAA) Cc: K. Howes (BCEAO), G. Kist (PNW), C. Rutherford (PNW), S. Munro, D. Chow (DFO), Gitga'at First Nation Council	Consultation Environmental Assessment Project Impact Aboriginal rights and title Environmental impact Cultural resources	Formal response to key issues raised by Gitga'at Issues: <ul style="list-style-type: none"> Project impact to interests and invitation to participate Comments re: Environmental Impact Statement Guidelines (EISG) for the Project Cultural and environmental resources (e.g. harvesting, economic and trading activities) Consultation and engagement 	No action by PNW LNG required.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
13-Dec-2013	Information Distribution From: K. Howes (BCEAO) To: A. Pomeroy (Stantec) Cc: J. Mayall (BCEAO), E. Hubert (BCEAO), M. Lambert (PNW) Forwarding Email: From: E. Mutrie (Gitga'at) To: K. Howes (BCEAO) and E. Hubert (BCEAO) Cc: D. Cardinall (Gitga'at), C. Picard, T. Torng, A. Clifton (Gitga'at)		BCEAO forwards to PNW LNG Gitga'at Technical Comments on dAIR.	BCEAO sends confirmation to Gitga'at via letter 20-Feb-2014 dAIR being finalized for Project	Complete
13-Dec-2013	Letter via Email (transmitted 16-Dec-2013) From: D. Cardinall (Gitga'at) To: G. Kist (PNW) and M. Lambert (PNW)	Consultation	RE: Engagement protocol <ul style="list-style-type: none"> Follows Gitga'at's letter dated February 15, 2013 to Cindy Rutherford (PNW). Requests PW to engage with Gitga'at for purposes referred to in CEAA's letter dated November 6, 2013 	PNW LNG responds in letter dated 13-Jan-2014 (see entry below).	Complete
13-Jan-2014	Letter via Email (transmitted 14-Jan-2014) From: L. Jones (PNW) To: Chief A. Clifton (Gitga'at)	Consultation Environmental Assessment Aboriginal land use and resources		<ul style="list-style-type: none"> PNW LNG prepared to engage with Gitga'ate under CEAA framework PNW LNG requests D. Cardinall (Gitga'at) contact PNW LNG for a meeting to provide information on status and EA of proposed Project and understand current land use and resources by Gitga'at in Prince Rupert harbour area. 	Complete
31-Jan-2014	Meeting Attendees: L. Jones (PNW), D. Cardinall (Gitga'at)	Consultation Environmental Assessment		<ul style="list-style-type: none"> PNW LNG and Gitga'at meet to discuss information related to environmental effects 	Complete
03-Feb-2014	Information Distribution via Email From: D. Cardinall (Gitga'at) To: L. Jones (PNW)	Consultation Capacity Funding	Gitga'at provides to PNW LNG a draft Capacity Funding Agreement.	04-Mar-2014 A. Hall (PNW) contacted D. Cardinall (Gitga'at) via telephone to discuss.	Complete
05-Feb-2014	Letter via Email From: L. Jones (PNW) To: D. Cardinall (Gitga'at)	Consultation Environmental Assessment Employment and Training Aboriginal land use and resources		PNW LNG confirmed meeting with Gitga'at for 07-Feb-2014. RE: Current Use of Lands and Resources by Gitga'at First Nation Covers: <ul style="list-style-type: none"> Engagement between PNW LNG and Gitga'at under CEAA framework and s. 5.1© of Canadian Environmental Assessment Act, 2012. Summary of information collected on current use of lands and resources for traditional purposes reviewed with Gitga'at Procurement and Employment Environmental Assessment Current Use of Lands and Resources for Traditional Use Coordination and Community Engagement 	
04-Mar-2014	Email From: D. Cardinall (Gitga'at) To: M. Lambert (PNW) Cc: L. Jones (PNW), A. Hall (PNW)	Consultation Environmental Assessment Capacity Funding Aboriginal rights and title	<ul style="list-style-type: none"> Gitga'at aware of arrangement between PNW LNG and CFN re: MOU Gitga'at interests in Prince Rupert area Representation of Gitga'at on matters i.e. impact of Project 	A. Hall (PNW) contacted D. Cardinall (Gitga'at) via telephone to discuss on 05-Mar-2014.	Complete

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
05-Mar-2014	Telephone Call Between: A. Hall (PNW) And: D. Cardinall (Gitga'at)	Consultation Environmental Assessment Capacity Funding Employment and Training TUS	<ul style="list-style-type: none"> Funding requests for Gitga'at Payment clauses EA Agreement Employment and training 	PNW LNG and Gitga'at agreed on: <ul style="list-style-type: none"> Costs Funding requests related to the EA and IBA discussions Basis of payments Completion of TUS by June Employment and training opportunities Funding a position in Prince Rupert Next steps following finalization of EA Agreement 	In Progress
06-Mar-2014	Letter via Email From: M. Lambert (PNW) To: Chief A. Clifton (Gitga'at) Cc: B. Nelson (CEAA), K. Howes (BCEAO), D. Cardinall (Gitga'at)	Consultation Environmental Assessment		RE: EIS and Application Submission <ul style="list-style-type: none"> PNW LNG acknowledged there may be concerns regarding the EIS and Application. Offered to attend community to discuss the Project at the meetings proposed by PNW 	In Progress
06-Mar-2014	Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at)	Consultation Environmental Assessment Capacity Funding Employment and Training TUS	<ul style="list-style-type: none"> Funding requests for Gitga'at Payment clauses EA Agreement Employment and training 	During 05-Mar-2014 phone call, PNW LNG and Gitga'at agreed on: <ul style="list-style-type: none"> Costs Funding requests related to the EA and IBA discussions Basis of payments Completion of TUS by June Employment and training opportunities Funding a position in Prince Rupert Next steps following finalization of EA Agreement PNW LNG will follow-up with draft EA Agreement reflecting matters agreed to	Complete
11-Mar-2014	Information Distribution via Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at) Cc: M. Lambert (PNW),	Consultation Environmental Assessment		PNW LNG delivers to Gitga'at draft EA Agreement reflecting EA review and TUS funding discussion. Gitga'at reviewed and provided draft with changes 20-Mar-2014 for PNW LNG review.	In Progress
28-Mar-2014	Letter via Email From: B. Clark (PNW) To: Chief A. Clifton (Gitga'at) Cc: B. Nelson (CEAA), K. Howes (BCEAO), M. Lambert (PNW) and D. Cardinall (Gitga'at)	Consultation Environmental Assessment EIS		PNW LNG asks for the opportunity for PNW LNG to attend their community to discuss the Project with its members.	In Progress
03-Apr-2014	Email From: A. Hall (PNW) To: E. Mutrie (Gitga'at), C. Picard, A. Slubowski, D. Cardinall (Gitga'at)	Consultation Environmental Assessment		PNW LNG and Gitga'at schedule EA Meeting for 16-Apr-2014 to be held at PNW LNG Community Office in Prince Rupert, BC.	Complete
16-Apr-2014	Meeting Attendees: A. Hall (PNW), D. Cardinall (Gitga'at), C. Picard, E. Mutrie (Gitga'at)	Consultation Environmental Assessment Employment and Training		Matters reviewed and discussed: <ul style="list-style-type: none"> Finalization of EA Agreement Project overview EA engagement deliverables (TUS, SES, Timelines, reports) Invitation to attend community to provide Project overview TERMPOL Arrange "technical" meetings if needed to review EA (including Stantec) 	In Progress D. Cardinall (Gitga'at) and C. Picard to follow-up on EA Agreement signature D. Cardinall to send note on employment opportunities PNW LNG to follow-up on executing EA Agreement after Gitga'at executes

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
				<ul style="list-style-type: none"> Employment Opportunities 	
02-May-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief A. Clifton (Gitga'at) Cc: A. Osborne (Metlakatla), L. Jones (PNW)	Consultation First Nations Job Opportunities		PNW LNG notifies Gitga'at of job posting for Part Time Community Office Coordinator for Prince Rupert Office. PNW LNG pleased to host information session about project in community.	In Progress
02-May-2014	Information Distribution From: Jillian Smith (CEAA) To: M. Lambert (PNW) and	Environmental Assessment TUS Cumulative Effects	CEAA provides to PNW LNG the Working Group comments up to May 2, 2014. Gitga'at's email of 01-May-2014 to CEAA and BCEAO re: Gitga'at' First Nation's comments on PNW LNG's EA application: <ul style="list-style-type: none"> Economic Environment Community Health and Well-being Current Use of Lands and Resources for Traditional Purposes Navigation and Marine Resource Use Uncertainty and Risk Cumulative Effects Assessment Terrestrial Wildlife and Marine Birds Marine Resources Accidents and Malfunctions Conceptual Fish Habitat Offsetting Strategy Marine Sediment and Water Quality Attaches: <ul style="list-style-type: none"> Memorandum re: Technical Review Comments on Marine Resources and Use (Fish and Fish Habitat), May 1, 2014 Memorandum re: Technical Review Comments on Marine Birds, Marine Mammals, May 1, 2014 		In Progress
05-May-2014	Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at)	Consultation Environmental Assessment Employment and Training		PNW LNG suggests meeting of 13-May-2014 to discuss Gitga'at's needs/interests on employment and training. PNW LNG Will move ahead with getting final version of EA agreement back along with execution payments.	In Progress
05-May-2014	Information Distribution via Email From: D. Cardinall (Gitga'at) To: A. Hall (PNW)	Environmental Assessment	Gitga'at delivers to PNW LNG - Council of Gitga'at First Nation Band Council Resolution dated April 24, 2014	PNW LNG to send executed version of EA Agreement and cheques.	Complete
09-May-2014	Letter From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment	RE: EIS Information Request <ul style="list-style-type: none"> Marine Resources Wildlife and Marine Birds Air Quality Human Health Aboriginal Groups 		In Progress
13-May-2014	Meeting Attendees: A. Hall (PNW), G. Murray, A. Robinson, D. Cardinall (Gitga'at), R. Fenn (Gitga'at)	Consultation Employment and Training Aboriginal rights and title	<ul style="list-style-type: none"> Employment and training opportunities Rights and title of Metlakatla and Lax Kw'alaams Non-exclusive rights in Skeena River/Prince Rupert area Gitga'at and joint venture with Metlakatla Non-IBA relationship with PNW LNG that support jobs, training and economic development opportunities Limited training infrastructure in Hartley Bay 	PNW LNG discussed Social Impact Management Plan. PNW LNG to provide summary of jobs, training and SIMP strategies PNW LNG and Gitga'at to continue building relationship at leadership level	In Progress

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Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
03-Jun-2014	Letter via Email From: L. Gosse, HR Generalist (PNW) To: Chief A. Clifton (Gitga'at) and Council	Consultation First Nations Job Opportunities		PNW LNG notifies Gitga'at of job posting for Community Engagement Intern (Summer Student) PNW LNG pleased to host information session about project in community.	In Progress
17-Jun-2014	Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at)	Consultation Environmental Assessment TUS and SES	<ul style="list-style-type: none"> • Responses to IRs and questions on EIS/Application; • TUS and socio-economic studies • Community liason person • Community meeting • Economic opportunities • Other topics 	A. Hall spoke with D. Cardinall on phone 23-Jun-2014 regarding setting up meeting.	In Progress
23-Jun-2014	Telephone Call Between: A. Hall (PNW) And: D. Cardinall (Gitga'at)			A. Hall spoke to D. Cardinall (Gitga'at). D. Cardinall will respond to email of 17-Jun-2014 with a couple of possible meeting dates.	In Progress
24-Jun-2014	Information Distribution via Email From: A. Pomeroy (Stantec) To: C. Ponsford (CEAA) Cc: K. Howes (BCEAO), M. Lambert (PNW), B. Clark (PNW), C. Barlow	Environmental Assessment	Stantec provides to CEAA the Working Group's comments tables and FTP site of updated memorandums. [NTD: Gitga'at's comments are in the "Aboriginal Comments" spreadsheet]	No action from PNW LNG required.	Complete
26-Jun-2014	Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at)	Consultation TUS and SES EIS/Application	<ul style="list-style-type: none"> • Responses to IRs and questions on EIS/Application; • TUS and socio-economic studies • Community liason person • Community meeting • Economic opportunities • Other topics 	PNW LNG requests meeting to discuss these matters. Gitga'at will check availability.	In Progress
27-Jun-2014	Payment	Environmental Assessment		Cheque receipt, cheque no. 00001263, \$100,000 advanced payment per EA Agreement for 30-Jun-2014.	Complete
10-Jul-2014	Meeting Attendees: (Gitga'at) D. Cardinall, R. Fenn, E. Mutrie, S. Greening (PNW) A. Hall, A. Robinson, G. Murray	Environmental Assessment Consultation Employment and training	<ul style="list-style-type: none"> • EA Topics for discussion (Gitga'at to table a list) 	PNW LNG to provide job and training surveys to Gitga'at Offered to Gitga'at position for Community Coordinator PNW LNG to forward responses to Gitga'at EIS/EA Application questions G. Murray to attend community to discuss term training	In Progress
16-Jul-2014	Information Distribution in Letter via Email From: M. Lambert (PNW) To: Chief A. Clifton (Gitga'at)	Environmental Assessment		PNW LNG delivers to Gitga'at via download through FTP site: <ul style="list-style-type: none"> • Comment Tracking Table; and • List of Technical Memorandum 	Complete
17-Jul-2014	Email From: D. Cardinall (Gitga'at) To: A. Hall (PNW)	Environmental Assessment Capacity Funding TUS Aboriginal rights and title	<ul style="list-style-type: none"> • Gitga'at to provide outline and budget re: Capacity • Employment and training strategy to continue between G. Murray and E. Mutrie • Traditional Use information 	PNW LNG proposed follow-up meeting to discuss.	In Progress
01-Aug-2014	Information Distribution From: D. Cardinall (Gitga'at)	Environmental Assessment TUS	Gitga'at delivers to PNW LNG by email: <ul style="list-style-type: none"> • Gitga'ata First Nation Traditional Use and Occupancy Study Prince 	PNW LNG to contact Gitga'at re: process how to incorporate study into EA.	In Progress

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

Date	Means of Engagement	Topics	Key Concerns and Issues	PNW LNG Actions	Status
Kitselas					
	To: A. Hall (PNW)		Rupert Region - Preliminary Results Report		
14-Aug-2014	Information Distribution via Email From: C. Ponsford (CEAA) To: M. Lambert (PNW)	Environmental Assessment		CEAA sends to PNW LNG materials re: Adequacy of Pacific NorthWest LNG's Response to the May 2014 Information Request regarding the Pacific NorthWest LNG Project Environmental Impact Statement <ul style="list-style-type: none"> Annex 1: Detailed Comments related to Disposal at Sea Annex 2: Comments from Health Canada to the Canadian Environmental Assessment Agency regarding PNW LNG's responses to Human and Ecological Health Information Requests PNW LNG Information Request - Additional Comments PNW LNG Information Request - Outstanding Information 	In Progress
04-Sep-2014	Email From: A. Hall (PNW) To: D. Cardinall (Gitga'at)	Environmental Assessment Consultation		PNW LNG proposes telephone call regarding Project developments. Gitga'at provides available days and times. Discussion occurred 05-Sep-2014	Complete
05-Sep-2014	Telephone Discussion Between: A. Hall (PNW) And: D. Cardinall (Gitga'at)	Environmental Assessment Consultation		PNW discussed the following: <ul style="list-style-type: none"> PNW LNG exploring new terminal options Engagement with Skeena Fisheries Commission (SFC), Lax Kw'alaams, Metlakatla and DFO for initial discussion New technical concepts to Tsimshian and SFC member First Nations Terminal design Marine infrastructure Camp options 	Complete
05-Sep-2014	Payment	Environmental Assessment Capacity Funding		<ul style="list-style-type: none"> Payment to First Nations re: EA Agreement - \$100,000.00 	Complete

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

List of Acronyms/Abbreviations

AIA	Archaeological Impact Assessment
AISRT	Aboriginal Independent Science Review Team
AIR	Application Information Requirements
AOA	Archaeological Overview Assessment
ASL	ASL Environmental Sciences Inc.
BCEAO	British Columbia Environmental Assessment Office
BDP 1	Borehole Drilling Program – Phase 1
BDP 2	Borehole Drilling Program – Phase 2
BLG	Borden Ladner Gervais LLP
CEAA	Canadian Environmental Assessment Agency
CFN	Coastal First Nations
CMT(s)	Culturally Modified Tree(s)
dAIR	Draft Application Information Requirements
DAS	Disposal at Sea
DFO	Department of Fisheries and Oceans
EA	Environmental Assessment
EIS	Environmental Impact Statement
EISG	Environmental Impact Statement Guidelines
FEED	Front-End Engineering and Design
GHG	Greenhouse Gas
GIS	Geographic Information System
HAZID	Hazard Identification
IBA	Impact Benefit Agreement
IR(s)	Information Request(s)
KBR	Kellog Brown & Root Limited
LAA	Local Assessment Area

ABORIGINAL CONSULTATION REPORT

Appendix C: Chronological Summary of Consultation with First Nations

LIDARLight Detection and Ranging

MOU Memorandum of Understanding

ODK.....Opus DaytonKnight Consultants

PETRONAS.....PETROLIAM NASIONAL BERHAD

PNW LNGPacific NorthWest LNG Limited Partnership

Project Pacific NorthWest LNG Project

PRPA Price Rupert Port Authority

RAARegional Assessment Area

ROV..... Remotely Operated Underwater Vehicle

s. 11Section 11 Order

SES Socioeconomic Study

SFCSkeena Fisheries Commission

Stantec..... Stantec Consulting Ltd.

TERMPOLTechnical Review Process of Marine Terminal Systems and Transshipment Sites

TDR(s) Technical Data Report(s)

TUS..... Traditional Use Study

VC(s)..... Valued Component(s)

APPENDIX D
LIST OF MEETING INVITATIONS FROM PNW TO
ABORIGINAL GROUPS

**Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS
(generally until EA Agreements are in hand and intensive technical interaction has begun)**

Metlakatla (Jul. 25, 2013 to Jun. 18, 2014) – EA Agreement 2013..... 1
 Lax Kw’alaams (Dec. 8, 2012 to Jul. 21, 2014) 9
 Gitxaala (Sep. 25, 2012 to Jul. 22, 2014) EA Agreement 2014 25
 Kitsumkalum (Dec. 3, 2012 to Jul. 22, 2014) EA Agreement 2014 32
 Kitselas (Nov. 28, 2012 to Jul. 22, 2014) EA Agreement 2014..... 39
 Gitga’at (Feb. 15, 2013 to Jun. 26, 2014) EA Agreement 2014 47

Pacific NorthWest LNG’s Invitations to Consult with Metlakatla

	DATE	INVITATION	RESPONSE
Metlakatla			
Pacific NorthWest LNG’s Invitations to Metlakatla			
	25-Jul-2013	Email From: G. Fraser (PNW LNG) To: A. Osborne (Metlakatla) PNW LNG advises Metlakatla of upcoming environmental assessment field studies on Lelu Island includes Studies on Fish & Fish Habitat and soil baseline surveys.	No response.
	12-Sep-2013	Email attaching Letter dated 11-Sep-2013 From: G. Chow (PNW LNG) To: Chief H. Leighton (Metlakatla) Cc: L. Jones (PNW LNG) Invitation to attend Termpol Workshop 25-Sep-2013 in Prince Rupert.	No response.

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	24-Sep-2013	<p>Letter via Email</p> <p>From: G. Chow (PNW LNG) To: Chief H. Leighton (Metlakatla) Cc: L. Jones (PNW LNG), Cpt. D. Kyle</p> <p>Reminder about invitation to attend Termpol HAZID Workshop on 25-Sep-2013 in Prince Rupert. Requests RSVP to G. Chow (PNW LNG).</p>	<p>No response.</p> <p>Meeting occurred on 10-Oct-2013. Helicopter booked for 23-Oct-2013 to fly to Lelu Island to view BDP1 and inventoried CMTs.</p>
	18-Oct-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>As per mmeeting that occurred on 10-Oct-2013. Helicopter booked for 23-Oct-2013 to fly to Lelu Island to view BDP1 and inventoried CMTs.</p>	<p>Accepted.</p> <p>20-Oct-2013 email thread. Meeting for field trip at the Crest 9:00 a.m. on 23-Oct-2013.</p>
	11-Nov-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>PNW LNG invites Metlakatla to connect by phone with Kleanza re: Chance Find Protocol.</p>	<p>Accepted.</p> <p>12-Nov-2013 email thread. Call set up for 14-Nov-2013.</p>
	27-Nov-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: R. Wilson (Metlakatla)</p> <p>Request to arrange a meeting to review strategic elements of the project.</p>	<p>Accepted.</p> <p>28-Nov-2013 email from R. Wilson. Meeting scheduled for 03-Dec-2013.</p> <p>02-Dec-2013 R. Wilson confirmed to also attend meeting by telephone.</p> <p>Further tentative meeting set 23-Jan-2014.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	03-Dec-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>PNW LNG requests Metlakatla to review PNW LNG Draft Plan for Procedural Aspects of Aboriginal Consultation and invites a telephone call to walk through it.</p>	<p>Declined telephone call.</p> <p>04-Dec-2013 email from R. Wilson re: not available for call.</p> <p>09-Dec-2013 A. Osborne provides comments in letter.</p>
	28-Nov-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Ross Wilson(Metlakatla)</p> <p>Requests meeting 3-Dec-2013 to discuss marine terminal design and evaluation of fish and fish habitat.</p>	<p>Accepted.</p> <p>Meeting occurred 04-Dec-2013.</p>
	4-Dec-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Anna Osborne (Metlakatla)</p> <p>Proposed meeting on 23-Jan-2014.</p>	<p>Accepted.</p> <p>Meeting occurred on 14-Jan-2014.</p> <p>Telephone call occurred on 21-Jan-2014.</p>
	31-Jan-2014	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Anna Osborne (Metlakatla)</p> <p>PNW LNG requests Metlakatla to review and comment regarding PNW LNG's responses to Metlakatla's dAIR comments</p>	<p>Accepted.</p> <p>04-Feb-2014 Metlakatla proposes morning of 18-Feb-2014 for call to discuss with PNW LNG and Stantec.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	27-Feb-2014	<p>Email</p> <p>From: Andy Hall (PNW LNG) To: Anna Osborne(Metlakatla); Gerry Fraser; Jane Hauser; L Beckmann; David Fissel Cc: Andy Hall (PNW LNG); Brian Clark; Andrea Pomeroy</p> <p>Meeting notes and notice of next meetings 1-May-2014, 5-Jun-2014, 3-July-2014</p>	<p>Accepted.</p> <p>Meeting occurred on 26-Feb-2014. Next meeting is 01-May-2014.</p>
	06-Mar-2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG) To: Chief H. Leighton (Metlakatla)</p> <p>PNW LNG proposes to attend community to discuss Project and would like to arrange meeting with team members to discuss. Invites Metlakatla to contact them.</p>	<p>No response.</p>
	28-Apr-2014	<p>Email</p> <p>From: M. MacEwen for B. Clark (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>Invitation to dinner meeting to explore opportunities for fish habitat offset program</p>	<p>No response.</p>
	13-May-2014	<p>Letter</p> <p>From: M. MacEwen for B. Clark (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>Invitation to have further discussions on marine habitat offset strategy of EA Application, followed by a field/boat trip to Lelu Island and surrounding area.</p>	<p>No response.</p> <p>PNW LNG requested to re-schedule field/boat trip to 17-18 Jun 2014 due to CEEA Sub-Working Group meetings.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	27-May-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>Invitation to meet with Metlakatla in Prince Rupert on 04-Jun-2014, Morley Eldridge (Millennia) to review AIA document comments and discuss CMT Management Plan/protocol.</p>	<p>Accepted.</p> <p>Meeting originally scheduled 04-Jun-2014. PNW LNG proposed rescheduling meeting.</p> <p>Meeting occurred 18-Jun-2014</p>
	03-Jun-2014	<p>Email</p> <p>From: C. Vadivelu (PNW LNG) To: Chief H. Leighton and A. Osborne (Metlakatla)</p> <p>Invitation to post advertisement for a Community Engagement Intern position in band office and host an information session about the Project in their community.</p>	No response.
	22-Jul-2014	<p>Email</p> <p>From: M. MacEwen for A. Hall (PNW LNG) To: A. Osborne (Metlakatla)</p> <p>Invitation to participate in Remotely Operated Underwater Vehicle field work.</p>	No response.

Total Invitations:	17
Total Accepted:	8
Total Declined/Cancelled:	1
No Response:	8

Metlakatla’ s Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Metlakatla’ s Invitations to Pacific NorthWest LNG			
	26-Jul-2013	<p>Email</p> <p>From: Anna Usborne (Metlakatla) To: Gerry Fraser (PNW LNG) Cc: Ross Wilson (Metlakatla)</p> <p>Suggests discussing disposal at sea proposal in more detail.</p>	<p>Accepted.</p> <p>31-Jul-2013 by email. Meeting occurred on 06-Aug-2013.</p>
	10-Oct-2013	<p>Meeting Notes</p> <p>Anna Usborne requests a field visit to Lelu. Field trip to review results of geotechnical investigation provided</p>	<p>Accepted.</p> <p>Meeting occurs 10-Oct-2013. Field trip occurs 23-Oct-2013.</p>
	10-Oct-2013	<p>Email</p> <p>From: Anna Usborne (Metlakatla) To: Gerry Fraser (PNW LNG)</p> <p>Invitation to Metlakatla Stewardship Office Industry Day, 14-Nov-2013.</p>	<p>Accepted.</p> <p>11-Oct-2013 via email.</p>
	22-Oct-2013	<p>Email</p> <p>From: J. Hauser (Metlakatla) To: (undisclosed recipients)</p> <p>Invitation to Metlakatla Stewardship Office Industry Day, 14-Nov-2013.</p>	<p>Accepted.</p> <p>11-Oct-2013 via email.</p>

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	DATE	INVITATION FOR	RESPONSE
	Metlakatla' s Invitations to Pacific NorthWest LNG		
	18-Nov-2013	Email From: A. Usborne (Metlakatla) To: A. Hall (PNW LNG) Invitation for Disposal at Sea project – Workplan Meeting in Vancouver 04-Dec-2013.	Accepted. Meeting occurred on 04-Dec-2014.

Total Invitations: 5

 Total Accepted: 5
 Total Declined/Cancelled: 0
 No Response: 0

Pacific NorthWest LNG’s Invitations to Discuss Capacity Funding / Environmental Assessment with Metlakatla

	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Metlakatla			
	16-Dec-2013	Email From: G. Fraser (PNW LNG) To: A. Usborne Invitation to discuss EA Agreement matters 20-Dec-2013	Accepted. 18-Dec-2013 confirmed by email.
	12-Mar-2014	Email From: Andy Hall (PNW LNG) To: Anna Usborne(Metlakatla); Gerry Fraser; Jane Hauser; L Beckmann; David Fissel Cc: Brian Clark; Andrea Pomeroy; Kenneth Howes; Kevin Goodearle; Make Lambert Offering contact person (Brian Clark) if further questions on the EA.	No response.
	18-Jun-2014	Meeting between A. Hall (PNW LNG) and A. Usborne (Metlakatla)	Accepted.

Total Invitations:	3
Total Accepted:	2
Total Declined/Cancelled:	0
No Response:	1

Pacific NorthWest LNG’s Invitations to Consult with Lax Kw’alaams

	DATE	INVITATION	RESPONSE
	Lax Kw’alaams		
	Pacific NorthWest LNG’s Invitations to Lax Kw’alaams		
	8-Dec-2012	<p>Email</p> <p>From: C. Rutherford (PNW LNG) To: Chief G. Reece (Lax Kw’alaams) Cc: L. Giroday (Lax Kw’alaams)</p> <p>Invitation to meet and discuss questions or concerns re: Project</p>	<p>Declined.</p> <p>Letter dated 21-Dec-2012.</p>
	15-Jan-2013	<p>Email</p> <p>From: C. Rutherford (PNW LNG) To: Chief G. Reece (Lax Kw’alaams)</p> <p>Invitation to participate in Winter Bird Survey on January 24 and 25, 2013.</p>	<p>No response.</p>
	30-Jan-2013	<p>Email</p> <p>From: C. Rutherford (PNW LNG) To: Wayne Drury (Lax Kw’alaams)</p> <p>Request for information regarding Lax Kw’alaams’ capacity for economic participation in the Project.</p>	<p>No response.</p>
	26-Feb-2013	<p>Letter</p> <p>From: C. Rutherford (PNW LNG) To: Wayne Drury (Lax Kw’alaams)</p> <p>Welcomes opportunity to exchange correspondence about issues and invites Lax Kw’alaams to propose several dates for a meeting.</p>	<p>No response.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	14-Mar-2013	Invitation to Meeting re: Open house	No response.
	25-Mar-2013	<p>Letter</p> <p>From: D. Camp (BLG) To: L. Giroday (Lax Kw'alaams) sent via Email March 25, 2013</p> <p>From: S. Jones (BLG) To: (Lax Kw'alaams)</p> <p>PNW LNG offers to meet to discuss the geotechnical investigations and invites questions on the geotechnical program.</p>	Accepted.
	19-Apr-2013	<p>Meeting</p> <p>D. Camp (BLG), C. Rutherford (PNW), L. Prentice (Fugro), G. Fraser (PNW LNG), A. Pomeroy (Stantec), G. McDade (Ratcliffe and Co), W. Drury (Lax Kw'alaams), M. Duivan (Skeena Fisheries), D. Brown (Lax Kw'alaams), S. Jones (BLG)</p> <p>PNW LNG explained the methods of its archaeological studies and agreed to a subsequent meeting to discuss archaeological issues.</p>	<p>Accepted.</p> <p>Conference call occurred on 24-Apr-2013.</p>
	06-May-2013	<p>Email</p> <p>From: D. Camp (BLG) To: L. Giroday (Lax Kw'alaams)</p> <p>Proposed discussion regarding Progress Working Group Presentations</p>	<p>Accepted.</p> <p>06-May-2013</p> <p>Call scheduled for 09-May-2013 at 4:15 p.m.</p>
	21-May-2013	<p>Email</p> <p>From: D. Camp (BLG) To: W. Drury (Lax Kw'alaams)</p> <p>Request for meeting with Wayne Drury and Chief Reece on 11-Jun-2013.</p>	Declined.

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	DATE	INVITATION	RESPONSE
	13-Jul-2013	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Wayne Drury</p> <p>Requests First Nations input regarding training and education initiatives</p>	No response.
	25-Jul-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: W. Drury (Lax Kw'alaams)</p> <p>Offer for Lax Kw'alaams to participate in upcoming studies by Stantec:</p> <ul style="list-style-type: none"> ○ Freshwater fish survey August 8 to 15, 2013 ○ Soil baseline survey August 1 to 8, 2013 	<p>Accepted.</p> <p>30-Jul-2013 via email, but then Lax Kw'alaams did not participate.</p>
	26-Jul-2013	<p>Letter and Email</p> <p>From: C. Rutherford (PNW LNG) To: Chief G. Reece (Lax Kw'alaams)</p> <p>PNW LNG offers to meet with Lax Kw'alaams to discuss investigative work or project as a whole.</p>	No response.

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	DATE	INVITATION	RESPONSE
	9-Sep-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: Chief G. Reece (Lax Kw'alaams) Cc: W. Drury (Lax Kw'alaams)</p> <p>Invitation to participate in upcoming marine field studies by Stantec from 17 to 22 September 2013:</p> <ul style="list-style-type: none"> ○ Marine foreshore surveys of habitat ○ Marine plants and algae ○ Marine invertebrates 	No response.
	11-Sep-2013	<p>Letter</p> <p>From: Captain D. Kyle and L. Jones (PNW LNG) To: Chief G. Reece (Lax Kw'alaams)</p> <p>Invitation to participate in TERMPOL workshop on 25-Sep-2013</p>	No response.
	24-Sep-2013	<p>Information Distribution Workshop Structure sent via Email</p> <p>From: G. Chow (PNW LNG) Captain D. Kyle, M. McNeil (Prince Rupert LNG) To: Chief G. Reece of Lax Kw'alaams</p> <p>Reminder and invitation for participation in TERMPOL workshop on September 25, 2013</p>	No response.

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	DATE	INVITATION	RESPONSE
	18-Oct-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: Chief G. Reece (Lax Kw’alaams)</p> <p>Invitation to view results of geotechnical investigation Phase I and review plans for Phase II of the geotechnical investigation. Provides notice of Phase II.</p>	<p>Declined.</p> <p>Letter 28-Oct-2013 (sent via email 05-Nov-2013)</p>
	Oct-2013	<p>Discussion</p> <p>Between: D. Camp (lawyer for PNW LNG) And: G. Burke (lawyer for Lax Kw’alaams)</p> <p>Meeting invitation for 05-Nov-2013.</p>	<p>Accepted.</p> <p>Meeting occurred 05-Nov-2013 and TDR provided to Lax Kw’alaams and advisors.</p>
	01-Nov-2013	<p>Letter</p> <p>From: G. Fraser (PNW LNG) To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG provides further notice of Phase II of the geotechnical investigation and provides opportunity to provide comments on reports on Phase I and comment on plans for Phase II.</p> <p>Invites Lax Kw’alaams to contact G. Fraser or A. Hall to arrange meeting to review work plan or provide monitor for the project.</p>	<p>No response.</p>
	06-Nov-2013	<p>Email</p> <p>From L. Jones (PNW LNG) To: W. Drury (Lax Kw’alaams)</p> <p>L. Jones proposes that Lax Kw’alaams consider availability for following week to continue engagement on technical issues.</p>	<p>No response.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	7-Nov-2013	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw'alaams)</p> <p>sent via Email</p> <p>November 7, 2013</p> <p>From: C. Beloin (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw'alaams), W. Drury (Lax Kw'alaams)</p> <p>PNW LNG offers to meet with Lax Kw'alaams regarding Phase II of its geotechnical investigation.</p> <p>Reminder re: Open House invitation November 19 and 20, 2013 in Port Edward and Prince Rupert.</p>	Declined.

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	13-Nov-2013	<p>Letter</p> <p>From: L. Jones (PNW LNG)</p> <p>To: G. Burke (Lax Kw’alaams), W. Drury (Lax Kw’alaams)</p> <p>Cc: Chief G. Reece (Lax Kw’alaams)</p> <p>sent via Email</p> <p>November 13, 2013</p> <p>From: M. MacEwen (PNW)</p> <p>To: G. Burke (Lax Kw’alaams)</p> <p>W. Drury (Lax Kw’alaams)</p> <p>Cc: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG writes to thank Lax Kw’alaams for meeting of meeting November 5, 2013 and invites further meetings, discussions and input on Marine Resources Report provided at meeting.</p>	No response.
	3-Dec-2013	<p>Letter</p> <p>From: L. Jones (PNW)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG offers to meet during week of 9-Dec-2013 or other suitable date for Lax Kw’alaams for further discussions.</p>	No response.

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	DATE	INVITATION	RESPONSE
	4 Dec 2013	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw'alaams)</p> <p>PNW LNG invites Lax Kw'alaams to comment on the Plan for Procedural Aspects of Aboriginal Consultation and call to organize a meeting to discuss.</p>	No response.
	22 Jan 2014	<p>Letter</p> <p>From: L. Jones (PNW LNG)</p> <p>To: W. Drury (Lax Kw'alaams), L. Giroday (Lax Kw'alaams)</p> <p>PNW LNG welcomes further meetings to find solutions for issues raised and working towards improving engagement and consultation with PNW LNG.</p>	No response.
	28 Jan 2014	<p>Letter</p> <p>From: L. Jones (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw'alaams)</p> <p>PNW LNG remains available to meet and discuss results of BDP and engage more extensively on project plans.</p>	No response.
	21 Feb 2014	<p>Letter</p> <p>From: L. Jones (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw'alaams)</p> <p>PNW LNG would like a meeting with Lax Kw'alaams to discuss strategic issues. L. Jones asks for Lax Kw'alaams to contact him directly.</p>	No response.

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	DATE	INVITATION	RESPONSE
	24 Feb 2014	<p>Letter</p> <p>From: B. Clark (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG welcomes opportunity to meet with Lax Kw’alaams and authors of AISRT Report to clarify outstanding concerns re: Marine Resources Technical Data Report.</p>	No response.
	06 Mar 2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG invites Lax Kw’alaams to contact M. MacEwen (PNW LNG) regarding interest in two meetings proposed by PNW LNG, including dates and locations that work best for the community and leadership.</p>	No response.
	28 Mar 2014	<p>Letter</p> <p>From: B. Clark (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>Reiterated that PNW LNG would be pleased to come to community to discuss Project with membership. Also request to arrange meeting between PNW LNG and Lax Kw’alaams’ team, including Stantec and Band Council and its Referral Specialist to discuss project. Invited Lax Kw’alaams to contact M. MacEwen (PNW LNG).</p>	No response.

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	DATE	INVITATION	RESPONSE
	16 Apr 2014	<p>Letter</p> <p>From: G. Kist (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG invites Lax Kw’alaams to tour the PETRONAS LNG Facility in Bintulu, Malaysia from May 11 – 17, 2014. PNW LNG offers to cover airfare, accommodation and meals.</p>	No response.
	28-Apr-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>Invitation for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	No response.
	02 May 2014	<p>Letter</p> <p>From: L. Gosse, HR Generalist (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG notifies Lax Kw’alaams of job posting and invites to host an information session about the Project in their community.</p>	No response.
	07 May 2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG sends a letter, dated February 10, 2014, responding point-by-point to Lax Kw’alaams’ letter of January 15, 2014 and again invites Lax Kw’alaams to meet with PNW LNG to discuss concerns about the Project and capacity funding.</p>	No response.

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	13-May-2014	<p>Letter</p> <p>From: B. Clark (PNW LNG)</p> <p>To: A. MacDonald (Lax Kw’alaams)</p> <p>PNW LNG invites Lax Kw’alaams to meet and discuss options for marine habitat offset strategy, followed by a one to two day field/boat trip to Lelu Island and surrounding area to explore habitat offset ideas.</p>	<p>No response.</p> <p>PNW LNG requested to re-schedule field/boat trip to 17-18 Jun 2014 due to CEEA Sub-Working Group meetings.</p>
	29-May-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>Follow-up to email of April 28, 2014 for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	<p>Accepted.</p> <p>05-Jun-2014 W. Drury (Lax Kw’alaams) emailed M. MacEwen (PNW LNG). Lax Kw’alaams will have 2-3 people attend to discuss concerns re: conservation and preservation of marine resources.</p> <p>06-Jun-2014 confirmed SFC staff Davide Latremouille attended.</p>
	Jun-2014	<p>Discussions</p> <p>Between: D. Camp (BLG) and G. Burke (Lax Kw’alaams)</p> <p>Invitation to review and discuss marine impacts.</p>	<p>Accepted.</p> <p>Meeting occurred on 27-Jun-2014.</p>
	03-Jun-2014	<p>Email</p> <p>From: C. Vadivelu (PNW LNG)</p> <p>To: Chief G. Reece, L. Giroday and W. Drury (Lax Kw’alaams)</p> <p>Invitation to post advertisement for a Community Engagement Intern position in band office and host an information session about the Project in their community.</p>	<p>No response.</p>

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	05-Jun-2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG) To: Chief G. Reece (Lax Kw'alaams)</p> <p>Invitation to Lax Kw'alaams to meet and discuss their concerns regarding the Project</p>	No response.
	03-Jul-2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG) To: Chief G. Reece (Lax Kw'alaams)</p> <p>PNW LNG reiterates invitation to meet and reschedule the May 6, 2014 meeting cancelled by Lax Kw'alaams – suggests week of July 9, 2014.</p>	No response.
	Jun-2014	<p>Meeting</p> <p>Between: D. Camp (BLG) and G. Burke (Lax Kw'alaams)</p> <p>Invitation to continue discussion on marine issue.</p>	Accepted. Meeting occurred on 08-Jul-2014.
	21-Jul-2014	<p>Email</p> <p>From: M. Lambert (PNW LNG) To: W. Drury (Lax Kw'alaams)</p> <p>Invitation to participate in Remotely Operated Underwater Vehicle field work.</p>	Accepted 22-Jul-2014 Lax Kw'alaams confirmed participation

Total Invitations: 41

Total Accepted: 9

Total Declined/Cancelled: 4

No Response: 28

Lax Kw’alaams’ Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Lax Kw’alaams’ Invitations to Pacific NorthWest LNG			
	24-Jul-2013	<p>Letter</p> <p>From: Chief G. Reece (Lax Kw’alaams) To: G. Kist (PNW LNG)</p> <p>Sent Via Email July 24, 2013</p> <p>From: T. Johnson (Lax Kw’alaams) To: M. Lambert (PNW LNG)</p> <p>Invitation for PNW LNG to participate and fund fisheries research study</p> <ul style="list-style-type: none"> o Freshwater fish survey August 8 to 15 2013 o Soil baseline survey August 1 to 8 2013 	<p>Declined.</p> <p>Letter 21-Aug-2013.</p> <p>PNW LNG did not accept this invitation but proposed an alternative conservation initiative.</p>
	5-Nov-2013	<p>Letter</p> <p>From: Chief G. Reece) Lax Kw’alaams) To: L. Jones (PNW LNG)</p> <p>sent via Email November 15, 2013</p> <p>From: T. Johnson (Lax Kw’alaams) To: L. Jones (PNW LNG)</p> <p>Lax Kw’alaams expresses willing to meet to discuss opportunities to move forward.</p>	<p>Accepted.</p> <p>In letter 02-Dec-2013 PNW LNG advises already in touch with W. Drury to set up meeting.</p> <p>PNW LNG reiterates offers to negotiate an Environmental Assessment Agreement and provide capacity funding.</p> <p>PNW LNG promises to follow up with meeting to discuss.</p> <p>Meeting between LAX (Drury/Giroday) occurred 12-Dec-2013.</p>

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	DATE	INVITATION FOR	RESPONSE
Lax Kw’alaams’ Invitations to Pacific NorthWest LNG			
	17 Jan 2014	<p>Letter</p> <p>From: Chief G. Reece (Lax Kw’alaams)</p> <p>To: L. Jones (PNW LNG)</p> <p>Lax Kw’alaams will be contacting PNW LNG to request a meeting date to present their submission re: aboriginal right and title in the Prince Rupert Harbour</p> <p>21-Mar-2014 Chief Reece requests available dates in weeks of April 7 and 14, 2014.</p>	<p>Accepted.</p> <p>Email thread from 07-Apr-2014 to 14-Apr-2014 between L. Giroday (Lax Kw’alaams) and L. Jones (PNW LNG).</p> <p>Email from L. Giroday (Lax Kw’alaams) to BLG and PNW LNG dated 24-Apr-2014 confirming meeting.</p> <p>Scheduled for May 6, 2014, but cancelled by Lax Kw’alaams on May 6, 2014.</p> <p>Meeting cancelled by Lax Kw’alaams (email from Lesley Giroday May 6, 2014)</p>

Total Invitations:	3
Total Accepted:	2
Total Declined/Cancelled:	1
No Response:	0

**Pacific NorthWest LNG’s Invitations to Discuss
Capacity Funding with Lax Kw’alaams**

	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Lax Kw’alaams			
	24-Jan-2013	<p>Letter</p> <p>From: C. Rutherford (PNW LNG) To: W. Drury (Lax Kw’alaams)</p> <p>Negotiations re: EA Agreement with capacity funding.</p>	No response.
	20-Aug-2013	<p>Letter</p> <p>From: G. Kist (PNW LNG) To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG invites Lax Kw’alaams to comment on studies conducted on fish and fish habitat after Lax Kw’alaams’ review. Offers to provide capacity funding.</p>	No response.
	21 Feb 2014	<p>Letter</p> <p>From: L Jones</p> <p>To: G. Reece and W. Drury</p> <p>Requesting a meeting to discuss capacity funding and how PNW can support participation in EIS and EA application.</p>	No response.

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	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Lax Kw’alaams			
	07 May 2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG sends a letter, dated February 10, 2014, responding point-by-point to Lax Kw’alaams’ letter of January 15, 2014 and again invites Lax Kw’alaams to meet with PNW LNG to discuss concerns about the Project and capacity funding.</p>	No response.
	05 Jun 2014	<p>Letter</p> <p>From: M. Lambert (PNW LNG)</p> <p>To: Chief G. Reece (Lax Kw’alaams)</p> <p>PNW LNG prepared to discuss financial support for documented expenses associated with Lax Kw’alaams’ participation in the EA Process to date. PNW LNG invites Lax Kw’alaams to EA Work Plan negotiations.</p>	No response.

Total Invitations:	5
Total Accepted:	0
Total Declined/Cancelled:	0
No Response:	5

Pacific NorthWest LNG’s Invitations to Consult with Gitxaala

	DATE	INVITATION	RESPONSE
	Gitxaala		
	Pacific NorthWest LNG’s Invitations to Gitxaala		
	25-Sept-2012	<p>Letter</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Elmer Moody (Gitxaala)</p> <p>PNW LNG offers to provide Gitxaala with information re: nature of PNW LNG facilities through open house mid-November and additional separate meeting for Gitxaala</p>	No response
	27-Sept-2012	<p>Information Distribution via Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Elmer Moody (Gitxaala)</p> <p>Re-sent letter of 25-Sept-2012; PNW LNG offers to speak to Chief Moody about an information session</p>	No response
	3-Dec-2012	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Elmer Moody (Gitxaala)</p> <p>Invitation to meet with PETRONAS marine and shipping experts 12-Dec-2012 to discuss the Project; offers for PETRONAS and Progress to pay for travel costs to Vancouver for participation; offers to discuss opportunities to have further discussions in New Year</p>	No response

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	DATE	INVITATION	RESPONSE
	19-Dec-2012	<p>Letter via Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Elmer Moody (Gitxaala)</p> <p>Offers to have meeting with Gitxaala to discuss potential impact of Project on Aboriginal rights and how Gitxaala could benefit from contracting other opportunities</p>	No response.
	13-May-2013	<p>Email</p> <p>From: David Camp (PNW LNG) To: Albert Hudec (Gitxaala)</p> <p>Invitation to meet to discuss the draft Process Agreement.</p>	<p>Accepted.</p> <p>23-May-2013 via email, confirmed date via email 1-Jun-2013.</p>
	7-Jul-2013	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: C. Lewis (Gitxaala)</p> <p>Invitation for Gitxaala to participate in Stantec field studies 1-15 Aug-2013</p>	No response.
	17-Jul-2013	<p>Email</p> <p>From: David Camp (BLG) To: Albert Hudec (Gitxaala)</p> <p>Proposes a meeting with Gitxaala to discuss procurement.</p>	<p>Accepted.</p> <p>17-Jul-2013 via email.</p>
	20-Aug-2013	<p>Email</p> <p>From: Mike Lambert (PNW LNG) To: Dillon Buerk; Chief Innis; Mark Ignas (Gitxaala)</p> <p>Proposes a conference call 5-Sept-2013 to discuss issued raise re: TUS budget and TUS proposals.</p>	<p>Conditional acceptance</p> <p>22-Aug-2013 via e-mail and 23-Aug-2013 proposing 9-Sept-2013 date instead.</p>

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	DATE	INVITATION	RESPONSE
	09-Sept-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Chief Innes (Gitxaala)</p> <p>Invitation to upcoming marine field studies on Lelu Island from Sept 17-22, 2013</p>	No response.
	11-Sept-2013	<p>Letter</p> <p>From: Lindsay Jones (PNW LNG) To: Chief Innes (Gitxaala)</p> <p>Invitation to attend TERMPOLE workshop 25-Sept-2013</p>	No response.
	16-Oct-2013	<p>Letter</p> <p>From: Lindsay Jones (PNW LNG) To: Acting Chief Clarence Innis and Council (Gitxaala)</p> <p>Request to meet with Gitxaala to discuss the project and Gitxaala's effective participation in the process</p>	No response.
	28-Apr-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG) To: J. Witzke (Gitxaala)</p> <p>Invitation to Gitxaala for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	No response.
	13-May-2014	<p>Letter</p> <p>From: M. MacEwen for B. Clark (PNW LNG) To: J. Witzke (Gitxaala)</p> <p>Invitation to have further discussions on marine habitat offset strategy of EA Application, followed by a field/boat trip to Lelu Island and surrounding area.</p>	<p>No response.</p> <p>Note: PNW LNG requested to re-schedule field/boat trip to 17-18 Jun 2014 due to CEAA Sub-Working Group meetings.</p>

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	DATE	INVITATION	RESPONSE
	26-May-2014	<p>Letter</p> <p>From: Lindsay Jones (PNW LNG) To: Chief C. Innis and Council (Gitxaala)</p> <p>Request for PNW LNG to attend Gitxaala community to explain the Project and increase understanding of the issues and benefits of the Project.</p>	No response.
	03-Jun-2014	<p>Email</p> <p>From: C. Vadivelu (PNW LNG) To: Chief C. Innis and J. Witzke (Gitxaala)</p> <p>Invitation to post advertisement for a Community Engagement Intern position in band office and host an information session about the Project in their community.</p>	No response.
	05-Jun-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: J. Witzke (Gitxaala)</p> <p>Invitation to participate in filling in archaeology data gaps, specifically in the intertidal area and CMTs.</p>	Accepted. J. Witzke replied in email 06-Jun-2014 indicating open to participating.
	22-Jul-2014	<p>Email</p> <p>From: M. MacEwen for A. Hall (PNW LNG) To: J. Witzke (Gitxaala)</p> <p>Invitation to participate in Remotely Operated Underwater Vehicle field work.</p>	Invitation forwarded to Bruce Watkinson, fisheries manager, for availability.
Total Invitations:		17	
Total Accepted:		4	
Total Declined/Cancelled:		0	
No Response:		13	

Gitxaala’s Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Gitxaala’ s Invitations to Pacific NorthWest LNG			
	12-Nov-2012	<p>Letter via Email</p> <p>From: Elmer Moody (Gitxaala) To: Anuar Ahman and Tessa Gill (PETRONAS)</p> <p>Proposed meeting the mid-June 2013 to discuss Gitxaala/PNW LNG Framework Agreement and the Project</p>	<p>No response.</p> <p>Wrong recipient at PNW LNG.</p>
	7-Jun-2013	<p>Email</p> <p>From: Robert Veitch (Gitxaala) To: Sean Jones (PNW LNG)</p> <p>Proposed meeting the mid-June 2013 to discuss Gitxaala/PNW LNG Framework Agreement</p>	<p>Accepted.</p> <p>7-June-2013 via email.</p> <p>Meeting arranged for 13-June-2013.</p>
	15-Aug-2013	<p>Letter via Email</p> <p>From: Dillon Buerk (Gitxaala) To: Michael Lambert (PNW LNG)</p> <p>Request a meeting to discuss the Project.</p>	<p>Accepted.</p> <p>21-Aug-2013 via letter/email proposing a meeting to provide information on TUS.</p> <p>Also suggest a meeting to settle funding.</p>
	6-Sept-2013	<p>Email</p> <p>From: Dillon Buerk (Gitxaala) To: Michael Lambert (Progress Energy)</p> <p>Proposes a conference call in the first week of September 2013 to discuss Traditional Use Study proposals and capacity funding.</p>	<p>Accepted.</p> <p>6-Sept-2013 via email proposing first week of Sept 2013.</p> <p>Accepted.</p> <p>21-Aug-2013 via letter.</p> <p>Meeting arranged for 09-Sep-2013.</p>

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	DATE	INVITATION FOR	RESPONSE
	Gitxaala' s Invitations to Pacific NorthWest LNG		
			Proposes meeting to settle appropriate budget for funding. Cancelled by Gitxaala 09-Sept-2013 via email requests reschedule. Accepted via email 9-Sept-2013.
	4-Oct-2013	Email From: Aryn Laljii (Gitxaala) To: David Camp (PNW LNG) Invitation to meet 15-Oct-2013 to discuss the MOU.	Accepted. 7-Oct-2013 proposed 24-Oct-2013 instead.
	20-Feb-2014	Email From: Robert Janes (Gitxaala) To: David Camp (PNW LNG) Invitation to meet to discuss the negotiation of an impact benefit agreement in relation to the Project.	Accepted. 3-Mar-2014 via email. Proposes meeting for the week of 24-Mar-2014.

Total Invitations:	6
Total Accepted:	5
Total Declined/Cancelled:	0
No Response	1

Pacific NorthWest LNG’s Invitations to Discuss Capacity Funding/ Environmental Assessment with Gitxaala

	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Gitxaala			
	19-Dec-2012	<p>Letter via Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Elmer Moody (Gitxaala)</p> <p>Offers to have meeting with Gitxaala to discuss funding and to cover reasonable costs of holding meeting and discuss arrangements for same</p>	No response.
	13-Mar-2014	<p>Email</p> <p>From: Andy Hall (PNW LNG) To: James Witzke (Gitxaala)</p> <p>Invitation to come to Gitxaala to provide an overview of the EA application.</p>	No response.

Total Invitations:	2
Total Accepted:	0
Total Declined/Cancelled:	0
No Response:	2

Pacific NorthWest LNG’s Invitations to Consult with Kitsumkalum

	DATE	INVITATION	RESPONSE
	Kitsumkalum		
	Pacific NorthWest LNG’s Invitations to Kitsumkalum		
	03-Dec-2012	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Invitation to meet with PETRONAS marine and shipping experts 12-Dec-2012 to discuss the Project</p>	No response.
	8-Dec-2012	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Invitation to review and comment on project description</p>	No response.
	18-Jul-2013	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Re: training and education initiatives</p>	No response.
	29-Jul-2013	<p>Letter</p> <p>From: Michael Lambert (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Requests Kitsumkalum bring any concerns about project to PNW LNG’s attention</p>	No response.

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	DATE	INVITATION	RESPONSE
	09-Sept-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Invitation to upcoming marine field studies on Lelu Island form Sept 17-22, 2013</p>	No response.
	11-Sept-2013	<p>Letter</p> <p>From: Lindsay Jones (PNW) To: Chief Don Roberts (Kitsumkalum)</p> <p>Invitation to attend TERMPOL workshop</p>	<p>Accepted.</p> <p>TERMPOL workshop attended by Seigi Kriegl.</p>
	15 Apr 2014	<p>Letter</p> <p>From: G. Kist (PNW LNG) To: Chief D. Roberts/R. Gemeinhardt (Kitsumkalum)</p> <p>PNW LNG invites Kitsumkalum to tour the PETRONAS LNG Facility in Bintulu, Malaysia from May 11 – 17, 2014. PNW LNG offers to cover airfare, accommodation and meals.</p>	No response.
	28-Apr-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG) To: R. Gemeinhardt (Kitsumkalum)</p> <p>Invitation for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities</p>	<p>Accepted.</p> <p>A. Hall (PNW) had a meeting with R. Gemeinhardt (Kitsumkalum) on 28-Apr-2014. She indicated they would like to participate in marine offset strategy meetings and field trip. (See Andy’s file note/email dated 29-Apr-2014)</p>

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	DATE	INVITATION	RESPONSE
	13-May-2014	<p>Letter</p> <p>From: M. MacEwen for B. Clark (PNW LNG) To: R. Gemeinhardt (Kitsumkalum)</p> <p>Invitation to have further discussions on marine habitat offset strategy of EA Application, followed by a field/boat trip to Lelu Island and surrounding area.</p>	<p>No response.</p> <p>PNW LNG requested to re-schedule field/boat trip to 17-18 Jun 2014 due to CEEA Sub-Working Group meetings.</p>
	29-May-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG) To: R. Gemeinhardt (Kitsumkalum)</p> <p>Follow-up to email of April 28, 2014 for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	<p>Accepted.</p> <p>29-May-2014 R. Gemeinhardt advised that Kitsumkalum will have two representatives at the meetings: Nicole Wallace and Siegi Kriegl.</p>
	03-Jun-2014	<p>Email</p> <p>From: C. Vadivelu (PNW LNG) To: Chief D. Roberts and R. Gemeinhardt (Kitsumkalum)</p> <p>Invitation to post advertisement for a Community Engagement Intern position in band office and host an information session about the Project in their community.</p>	<p>No response.</p>
	05-Jun-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: R. Gemeinhardt (Kitsumkalum)</p> <p>Invitation to participate in filling in archaeology data gaps, specifically in the intertidal area and CMTs.</p>	<p>Accepted.</p> <p>In email 12-Jun-2014, R. Gemeinhardt requests a phone call re: getting Kitsumkalum rep on that crew.</p>

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	DATE	INVITATION	RESPONSE
	22-Jul-2014	<p>Email</p> <p>From: M. MacEwen for A. Hall (PNW LNG) To: R. Gemeinhardt (Kitsumkalum)</p> <p>Invitation to participate in Remotely Operated Underwater Vehicle field work.</p>	No response.

Total Invitations: 13

Total Accepted: 4

Total Declined/Cancelled: 0

No Response: 9

Kitsumkalum’ s Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Kitsumkalum’ s Invitations to Pacific NorthWest LNG			
	30-July-2013	<p>Letter (dated 26-Jul-2013) From: Chief Don Roberts Kitsumkalum) To: Cindy Rutherford (PNW) Invites Cindy Rutherford to attend information meeting</p>	<p>Accepted. 01-Aug-2013 by email. PNW000071</p>
	14-Aug-2013	<p>Email From: Rina Gemeinhardt (Kitsumkalum) To: Andrea Pomeroy Requests contain info for Captain David Kyle in order to invite him to talk to marine specialist Siegi Kriegl and to Chief Roberts about the TERMPOL and other traffic related issues/assessments</p>	<p>Accepted. 14-Aug-2013 via e-mail. Meeting occurred 13-Sept-2014.</p>

Total Invitations:	2
Total Accepted:	2
Total Declined/Cancelled:	0

Pacific NorthWest LNG’s Invitations to Discuss Capacity Funding with Kitsumkalum

	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Kitsumkalum			
	24-Jan-2013	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Offers to negotiate EA agreement with capacity funding</p>	Accepted capacity funding.
	1-Aug-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Rina Gemeinhardt (Kitsumkalum)</p> <p>Invitation for meeting on 7-Aug-2013 to give binder of studies re: Environmental Assessment for review</p>	Accepted.
	4-Sept-2013	<p>Letter</p> <p>From: Michael Lambert (PNW LNG) To: Chief Don Roberts (Kitsumkalum)</p> <p>Request further discussion regarding Environmental Assessment Agreement</p>	Accepted. Meeting 13-Sept-2014
	17-Oct-2013	<p>Meeting</p> <p>Set for 17-Oct-2013</p> <p>To discuss a capacity agreement</p>	Cancelled meeting of 17-Oct-2013 16-Oct-2013 via e-mail. Requests options for meeting with Lindsay Jones and Gerry Fraser. 17-Oct-2013 via e-mail reply agreeing to meet the following week.

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	DATE	INVITATION	RESPONSE
	Pacific NorthWest LNG’s Invitations to Kitsumkalum		
	13-Mar-2014	Email From: A. Hall (PNW LNG) To: R. Gemeinhardt (Kitsumkalum) PNW LNG offers to attend Kitsumkalum to provide overview of EA Application	No response.

Total Invitations:	5
Total Accepted:	3
Total Declined/Cancelled:	1
No Response:	1

Pacific NorthWest LNG’s Invitations to Consult with Kitselas

	DATE	INVITATION	RESPONSE
	Kitselas		
	Pacific NorthWest LNG’s Invitations to Kitselas		
	28-Nov-2012	<p>Information Distribution via Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Judy Gerow (Kitselas)</p> <p>Invitation to attend workshop on 29-Nov-2012 covering preliminary studies, new environmental assessment process and future studies</p>	No response.
	3-Dec-2012	<p>Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Judy Gerow (Kitselas)</p> <p>Invitation to meet with PETRONAS marine and shipping experts 12-Dec-2012 to discuss the Project</p>	No response.
	29-Jul-2013	<p>Letter</p> <p>From: Michael Lambert (PNW LNG) To: Chief Joe Bevan (Kitselas)</p> <p>Requests Kitselas bring any concerns about project to PNW LNG’s attention</p>	No response.
	09-Sept-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: Chief Joe Bevan (Kitselas)</p> <p>Invitation to upcoming marine field studies on Lelu Island from Sept 17-22, 2013</p>	No response.

Appendix D – LIST OF MEETING INVITATIONS FROM PNW TO ABORIGINAL GROUPS

	DATE	INVITATION	RESPONSE
	11-Sept-2013	<p>Letter</p> <p>From: Lindsay Jones (PNW) To: Chief Joe Bevan (Kitselas)</p> <p>Invitation to attend TERMPOL workshop 25-Sept-2013</p>	No response.
	24-Sept-2013	<p>Email</p> <p>From: Grace Chow (PNW LNG) To: Chief Joe Bevan (Kitselas)</p> <p>Reminder about TERMPOL workshop 25-Sept-2013</p>	No response.
	21-Oct-2013	<p>Letter via Email</p> <p>From: Lindsay Jones (PNW LNG) To: Chief Joe Bevan (Kitselas)</p> <p>Request to meet with Kitselas to discuss the project and Kitselas' effective participation in the process</p>	No response.
	07-Nov-2013	<p>Information Distribution</p> <p>From: Andy Hall (PNW LNG) To: Phyllis Adams (Kitselas)</p> <p>PNW Newsletter re: PNW/BCEAO Open Houses on 19-20 Nov-2013</p>	No response.
	21-Jan-2014	<p>Email</p> <p>From: Andy Hall (PNW LNG) To: Terese Hagen (Kitselas)</p> <p>Requesting a meeting with Kitselas to provide an update on the project, including the environmental assessment process</p>	No response.

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	DATE	INVITATION	RESPONSE
	31-Jan-2014	<p>Telephone Call</p> <p>From: Andy Hall (PNW LNG) To: Phyllis Adams (Kitselas)</p> <p>PNW proposes 26-27 Feb-2014 meeting with Kitselas</p>	<p>Accepted.</p> <p>Kitselas will get back to PNW LNG re: proposed dates.</p>
	7-Feb-2014	<p>Information Distribution/Email</p> <p>From: L. Jones (PNW LNG) To: Phyllis Adams (Kitselas)</p> <p>PNW proposes 26-27 Feb-2014 meeting with Kitselas to outline the project, the environmental assessment process and answer question</p>	<p>Accepted.</p> <p>Kitselas will get back to PNW LNG re: proposed dates.</p> <p>07-Feb-2014 via e-mail.</p>
	04-Mar-2014	<p>Email</p> <p>From: A. Hall (PNW) To: T. Hagen (Kitselas) and D. Taft (Kitselas)</p> <p>PNW LNG offers to attend the community to provide an overview of the Project and the results of the EA.</p>	<p>No response.</p>
	30-Apr-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG) To: D. Taft (Kitselas)</p> <p>Invitation to Kitselas for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	<p>No response.</p>

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	DATE	INVITATION	RESPONSE
	13-May-2014	<p>Letter</p> <p>From: M. MacEwen for B. Clark (PNW LNG) To: D. Taft (Gitxaala)</p> <p>Invitation to have further discussions on marine habitat offset strategy of EA Application, followed by a field/boat trip to Lelu Island and surrounding area.</p>	<p>No response.</p> <p>PNW LNG requested to re-schedule field/boat trip to 17-18 Jun 2014 due to CEAA Sub-Working Group meetings.</p>
	29-May-2014	<p>Email</p> <p>From M. MacEwen for B. Clark (PNW LNG) To: D. Taft (Kitselas)</p> <p>Follow-up to email of April 28, 2014 (<i>sic</i>) for dinner meeting to explore opportunities for fish habitat offset program and other long term possibilities.</p>	<p>No response.</p>
	03-Jun-2014	<p>Email</p> <p>From: C. Vadivelu (PNW LNG) To: Chief J. Bevan and T. Hagen (Kitselas)</p> <p>Invitation to post advertisement for a Community Engagement Intern position in band office and host an information session about the Project in their community.</p>	<p>No response.</p>
	08-Jul-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: K. Bevan (Kitselas)</p> <p>PNW LNG invites to meet with Community Liaison Officer during week of 21-Jul-2014.</p>	<p>No response.</p>

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	DATE	INVITATION	RESPONSE
	22-Jul-2014	<p>Email</p> <p>From: M. MacEwen for A. Hall (PNW LNG)</p> <p>To: S. Coggins (Kitselas)</p> <p>Cc: T. Hagen (Kitselas)</p> <p>Invitation to participate in Remotely Operated Underwater Vehicle field work.</p>	No response.

Total Invitations:	18
Total Accepted:	2
Total Declined/Cancelled:	0
No Response:	16

Kitselas’ Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Kitselas’ Invitations to Pacific NorthWest LNG			
	6-Sept-2013	<p>Email</p> <p>From: Phyllis Adams (Kitselas) To: Andy Hall (PNW)</p> <p>Invites PNW to meet with Chief & Council, Lands and Resources and Kitselas CEO and Petronas</p>	<p>Accepted.</p> <p>24-Sept-2013 by email.</p>

Total Invitations: 1

Total Accepted: 1

Total Declined/Cancelled: 0

Pacific NorthWest LNG’s Invitations to Discuss Capacity Funding/ Environmental Assessment with Kitselas

	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Kitselas			
	28-Nov-2012	<p>Information Distribution via Email</p> <p>From: Cindy Rutherford (PNW LNG) To: Chief Judy Gerow (Kitselas)</p> <p>Invitation to attend workshop on 29-Nov-2012 covering preliminary studies, new environmental assessment process and future studies</p>	No response
	25-Jul-2013	<p>Email</p> <p>From: G. Fraser (PNW LNG) To: Chief J. Bevan (Kitselas)</p> <p>Advises of upcoming EA field studies on Lelu Island and invites participation</p>	No response.
	1-Aug-2013	<p>Email</p> <p>From: Gerry Fraser (PNW LNG) To: Sonja Ramsay (Kitselas)</p> <p>Invitation for meeting on 7-Aug-2013 to give binder of studies re: Environmental Assessment for review</p>	Accepted.
	19-Sept-2013	<p>Email</p> <p>From: A. Hall (PNW LNG) To: Sonja Foss (Kitselas)</p> <p>PNW LNG offers to meet Kitselas from 8-10-Oct-2013 to discuss options for addressing EA referral concerns.</p>	No response.

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	DATE	INVITATION	RESPONSE
Pacific NorthWest LNG’s Invitations to Kitselas			
	21-Jan-2014	Email From: Andy Hall (PNW LNG) To: Terese Hagen (Kitselas) Requesting a meeting with Kitselas to provide an update on the project, including the environmental assessment process.	No response.
	7-Feb-2014	Information Distribution/Email From: L. Jones (PNW LNG) To: Phyllis Adams (Kitselas) PNW proposes 26-27 Feb-2014 meeting with Kitselas to outline the project, the environmental assessment process and answer question.	Accepted. Kitselas will get back to PNW LNG re: proposed dates. 07-Feb-2014 via e-mail.
	04-Mar-2014	Email From: A. Hall (PNW) To: T. Hagen (Kitselas) and D. Taft (Kitselas) PNW LNG offers to attend the community to provide an overview of the Project and the results of the EA.	No response.

Total Invitations:	7
Total Accepted:	2
Total Declined/Cancelled:	0
No Response:	5

Pacific NorthWest LNG’s Invitations to Consult with Gitga’at

	DATE	INVITATION	RESPONSE
	Gitga’at		
	Pacific NorthWest LNG’s Invitations to Gitga’at		
	06-Mar-2014	<p>Letter via Email</p> <p>From: M. Lambert (PNW LNG) To: Chief A. Clifton (Gitga’at) and Council</p> <p>Offered to attend community to discuss the Project at the meetings proposed by PNW LNG to discuss potential environmental impacts of the Project.</p>	No response.
	28-Mar-2014	<p>Letter via Email</p> <p>From: B. Clark (PNW LNG) To: Chief A. Clifton (Gitga’at) and Council</p> <p>Offered to attend community to discuss the Project.</p>	<p>Accepted.</p> <p>Confirmed in email from A. Hall (PNW LNG) 03-Apr-2014.</p>
	16-Apr-2014	<p>Meeting</p> <p>Attendees: A. Hall (PNW LNG), D. Cardinal (Gitga’at), Picard, Chris, E. Mutrie (Gitga’at)</p> <p>Re-iterated offer to attend community to provide a Project overview.</p>	<p>Accepted</p> <p>Meeting scheduled for 16-Apr-2014 at PNW LNG Community Office</p>
	02-May-2014	<p>Letter via Email</p> <p>From: L. Gosse (PNW LNG) To: Chief A. Clifton (Gitga’at) and Council</p> <p>PNW LNG pleased to host information session about project in community.</p>	No response.

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	DATE	INVITATION	RESPONSE
	05-May-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: D. Cardinal (Gitga’at)</p> <p>PNW LNG suggests meeting of 13-May-2014 to discuss Gitga’at’s needs/interests on employment and training.</p>	<p>Accepted.</p> <p>Meeting occurred 13-May-2014.</p>
	03-Jun-2014	<p>Letter via Email</p> <p>From: L. Gosse (PNW LNG) To: Chief A. Clifton (Gitga’at) and Council</p> <p>PNW LNG pleased to host information session about project in community.</p>	No response
	26-Jun-2014	<p>Email</p> <p>From: A. Hall (PNW LNG) To: D. Cardinal (Gitga’at)</p> <p>PNW LNG requests meeting to discuss these matters.</p>	<p>Accepted</p> <p>Gitga’at will check availability.</p>

Total Invitations:	7
Total Accepted:	4
Total Declined/Cancelled:	0
No Response:	3

Gitga’at’s Invitations to Consult with Pacific NorthWest LNG

	DATE	INVITATION FOR	RESPONSE
Gitga’at Invitations to Pacific NorthWest LNG			
	15-Feb-2013	<p>Letter</p> <p>From: Chief B. Reece (Gitga’at) To: C. Rutherford (PNW LNG)</p> <p>Chief B. Reece requests that PNW LNG’s task senior representative to meet with Key Gitga’at leadership to share information and have initial discussion regarding risks, impacts and opportunities regarding the Project and to explore engagement process.</p> <p>03-Apr-2013 Gitga’at would like to arrange meeting to discuss letter and related matters.</p>	<p>Accepted.</p> <p>03-Apr-2013 to 05-Apr-2013 Email thread between C. Rutherford (PNW LNG) and D. Cardinal (Gitga’at).</p> <p>Meeting set for 08-Apr-2013 prior to 2pm meeting with Coastal First Nations on Marine Report.</p>

Total Invitations: 1

Total Accepted: 1

Total Declined/Cancelled: