

**Table of Concordance between the Application Information Requirements and the EIS/Application**

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>Summary of the EIS/Application</b>		
Summary of the EIS/Application	<p>The Summary will provide an overview of the EIS/Application will be provided as set out in the EIS Guidelines.</p> <p>It will provide an overview of the EIS/Application and will included the following information:</p> <ul style="list-style-type: none"> <li>▪ A brief description of the proposed project</li> <li>▪ A description of the coordinated federal/provincial environmental assessment</li> <li>▪ A summary of the consultations undertaken during the environmental assessment</li> <li>▪ A summary of the issues and potential project effects</li> <li>▪ A summary of the potential environmental, economic, social, health, and heritage effects including:                             <ul style="list-style-type: none"> <li>• Scope of the assessment</li> <li>• Baseline conditions</li> <li>• Project effects</li> <li>• Mitigation measures, residual effects, and significance</li> <li>• Cumulative effects and significance.</li> </ul> </li> <li>▪ A summary of proposed environmental and operational management plans</li> <li>▪ A summary of potential Aboriginal Rights and related interests</li> <li>▪ A summary of the follow up programs and compliance reporting proposed ( if applicable)</li> <li>▪ Proponent conclusions resulting from the EA.</li> </ul>	Summary of the EIS/Application <i>This is provided as a standalone document.</i>
<b>Table of Concordance</b>		
Table of Concordance	The EIS/Application will include separate concordance tables which will identify where to find in the EIS/Application information required by the federal EIS Guidelines and the provincial AIR.	Table of Concordance between the EIS Guidelines and the EIS/Application Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>Preface to the EIS/Application</b>		
Preface to the EIS/Application	<p>The Proponent will provide the following in the EIS/Application</p> <ul style="list-style-type: none"> <li>▪ A statement as to the application of the <i>Canadian Environmental Assessment Act 2012</i> on the proposed project.</li> <li>▪ A statement that the proposed project is subject to review (or not) under the <i>BC Environmental Assessment Act</i> (BCAA 2012) and the trigger for the review under BCEAA.</li> <li>▪ If the proposed project is subject to a federal EA, a statement on whether it is undergoing a coordinated, substituted, or other type of assessment with the Province.</li> <li>▪ A statement on whether the proposed Project is undergoing a coordinated, substituted, or other type of assessment with the Province.</li> <li>▪ A statement that the EIS/Application has been developed pursuant to the AIR, and complies with the section 11 Order as well as any other relevant direction provided by BC EAO's Project assessment lead</li> <li>▪ Identification of the provincial, federal and local government agencies, First Nations and other parties involved in the development of the Application</li> </ul>	Preface to the EIS/Application
<b>Acronyms</b>		
Acronyms and Abbreviations	A list of acronyms and abbreviations will be included in the Application	Acronyms and Abbreviations
<b>Authorship</b>		
Authorship	A list of authors will be provided in the EIS/Application	Authorship
<b>1.0 Introduction and Project Overview</b>		
1.1 Purpose of the EIS/Application	This section will summarize the purpose of the EIS/Application and provide an overview of its structure with a view to making its review by BC EAO, the CEA Agency, Working Group members and the public as effective and efficient as possible.	1.1 Purpose of the EIS/Application
1.2 Proponent Description	The EIS/Application will provide a description of PNW LNG, including its management contacts and information about the company.	1.2 Proponent Information
1.3 Purpose of the Project	<ul style="list-style-type: none"> <li>▪ The purpose of the proposed Project, including a description of how the project objectives are related, or contribute, to broader private or public sector policies, plans or programs, if relevant.</li> </ul>	1.3 Purpose of the Project

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1.4 Project Location	<ul style="list-style-type: none"> <li>▪ The location of the proposed Project within a provincial, regional and local context, including maps. Coordinates of the proposed Project will be provided in WGS-84 and UTM coordinate systems, showing nearby communities.</li> </ul>	1.4 Project Location Figure 1-1 Figure 1-2 Figure 1-3 Figure 1-4 Figure 1-5
1.5 Participants in the Environmental Assessment	The participants in the environmental assessment will be identified as set out in the EIS Guidelines.	1.5 Participants in the Environmental Assessment
1.6 Regulatory Framework and the Role of Government	The regulatory framework and role of the government will be described as set out in the EIS Guidelines.	1.6 Regulatory Framework and the Role of Government
<b>2.0 Project Description</b>		
2.0 Project Description	<ul style="list-style-type: none"> <li>▪ A statement that the proposed Project meets the thresholds established for “reviewable projects” under the BC Environmental Assessment Act (BCEAA) and the thresholds met for the review under BCEAA.</li> </ul>	1.6.2 Provincial Framework
	<ul style="list-style-type: none"> <li>▪ A statement as to the application of the <i>Canadian Environmental Assessment Act, 2012</i> on the proposed Project.</li> </ul>	1.6.1 Federal Framework
	<ul style="list-style-type: none"> <li>▪ The purpose of the Project, including a description of how the project objectives are related or contributed to broader private or public sector policies, plans, or programs, this information will be included.</li> </ul>	1.3 The Purpose of the Project
2.1 Environmental Design	The Application will describe the design philosophies, standards and mitigations of the Project	2.1 Environmental Design
2.2 Project Components	This section of the application will describe the project components as set out in the EIS Guidelines	2.2 Project Components
	Non-manufacturing Facilities: <ul style="list-style-type: none"> <li>▪ A temporary camp that would accommodate 3,500 to 4,500 people and all related infrastructure, services and facilities</li> </ul>	2.2.5.2 Temporary Construction Camp
	<ul style="list-style-type: none"> <li>▪ Temporary facilities (e.g., barge landing sites, access roads, off-site materials storage, etc.)</li> </ul>	2.2.5 Temporary Construction Facilities
	<ul style="list-style-type: none"> <li>▪ A materials offloading facility (MOF)</li> </ul>	2.2.4 Non-Manufacturing Facilities 2.2.4.1 Materials Offloading Facility

**Pacific NorthWest LNG**

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2.2 Project Components (cont'd)	<ul style="list-style-type: none"> <li>▪ Bridge and road connecting Lelu Island to Port Edward.</li> </ul>	2.2.4 Non-Manufacturing Facilities 2.2.4.2 Bridge and Roads
	<p>LNG Facilities:</p> <ul style="list-style-type: none"> <li>▪ Feed gas receiving equipment including a pig receiver, pressure let-down station, metering station with telemetry, and inlet gas separator</li> </ul>	2.2.1 LNG Trains
	<ul style="list-style-type: none"> <li>▪ Gas treatment equipment to remove any trace amounts of CO<sub>2</sub>, H<sub>2</sub>S, mercury, and water</li> </ul>	2.2.1 LNG Trains
	<ul style="list-style-type: none"> <li>▪ Up to three identical 6.4 MTPA liquefaction trains (two to be constructed in Phase 1 with provision for a third train in Phase 2)</li> </ul>	2.2.1 LNG Trains
	<ul style="list-style-type: none"> <li>▪ Gas turbines producing up to 1,100 MW of electrical and/or mechanical power, with a combination of options being considered as project components</li> </ul>	2.2.3.2 Electric Power Supply 2.3.2.1 LNG Facility and Supporting Infrastructure on Lelu Island
	<ul style="list-style-type: none"> <li>▪ Two or more nitrogen generation and vaporization packages with liquid nitrogen storage</li> </ul>	2.2.3.8 Nitrogen Generation System
	<ul style="list-style-type: none"> <li>▪ Up to three 180,000 m<sup>3</sup> full containment LNG storage tanks (two to be constructed in Phase 1 with provision of a third in Phase 2)</li> </ul>	2.2.2 LNG Storage and Loading
	<ul style="list-style-type: none"> <li>▪ Instrument and facility compressed air system</li> </ul>	2.2.3 Utilities and Offsite 2.2.3.9 Compressed Air System
	<ul style="list-style-type: none"> <li>▪ Flare system for emergency, start-up hydrocarbon releases, and annual maintenance.</li> </ul>	2.2.3 Utilities and Offsite 2.2.3.1 Flare System
	<p>Marine Terminal:</p> <ul style="list-style-type: none"> <li>▪ A 2.4 km long conventional jetty supported by a trestle and including a control room, dual berths, and insulated cryogenic piping with loading platform.</li> </ul>	2.2.2 LNG Storage and Loading 2.2.2.1 Marine Infrastructure
	<ul style="list-style-type: none"> <li>▪ Breakwaters may be constructed near the marine terminal.</li> </ul>	2.2.2 LNG Storage and Loading 2.2.2.1 Marine Infrastructure

Application Information Requirements Section	Details of Requirements	EIS/Application Section
2.3 Project Activities	Construction Activities: <ul style="list-style-type: none"> <li>▪ Construction, operation and decommissioning of a temporary camp that would accommodate 3,500 to 4,500 people at peak construction for the purposes of constructing the facility and all related infrastructure, services and facilities</li> </ul>	2.3.1 Construction 2.3.1.2 Onshore Construction
	<ul style="list-style-type: none"> <li>▪ Construction of an LNG terminal and related infrastructure up to the point of connection with the natural gas transmission line</li> </ul>	2.3.1 Construction 2.3.1.2 Onshore Construction
	<ul style="list-style-type: none"> <li>▪ Construction of the associated marine terminal</li> </ul>	2.3.1 Construction 2.3.1.5 Marine Construction
	<ul style="list-style-type: none"> <li>▪ Construction, operation, and decommissioning of temporary facilities (e.g., barge landing sites, access roads, off-site materials storage, etc.)</li> </ul>	2.3.1 Construction 2.3.2 Operations 2.3.3 Decommissioning
	<ul style="list-style-type: none"> <li>▪ Tree removal, vegetation clearing, peat removal, and general site preparation</li> </ul>	2.3.1 Construction 2.3.1.1 Site Preparation (Land Based)
	<ul style="list-style-type: none"> <li>▪ Disposal of cleared vegetation, peat, waste rock, and overburden</li> </ul>	2.3.1 Construction 2.3.1.6 Waste Management and Disposal
	<ul style="list-style-type: none"> <li>▪ Construction, operation, and decommissioning of a materials offloading facility (MOF)</li> </ul>	2.3.1 Construction 2.3.1.5 Marine Construction 2.3.2 Operations 2.3.2.2 Marine Terminal Use 2.3.3 Decommissioning 2.3.3.2 Dismantling of Marine Terminal
	<ul style="list-style-type: none"> <li>▪ Removal, transportation and disposal of dredged sediments</li> </ul>	2.3.1 Construction 2.3.1.7 Disposal at Sea
	<ul style="list-style-type: none"> <li>▪ Post-construction clean-up and on-site grounds reclamation</li> </ul>	2.3.1 Construction 2.3.1.9 Site Clean Up and Reclamation
<ul style="list-style-type: none"> <li>▪ Commissioning of the LNG facility and marine terminal</li> </ul>	2.3.1 Construction 2.3.1.8 Operational Testing and Commissioning	

Application Information Requirements Section	Details of Requirements	EIS/Application Section
2.3 Project Activities (cont'd)	<ul style="list-style-type: none"> <li>▪ Bridge and road construction connecting Lelu Island to Port Edward</li> </ul>	2.3.1 Construction 2.3.1.2 Onshore Construction 2.3.1.5 Marine Construction
	<ul style="list-style-type: none"> <li>▪ Dredging, blasting and shoreline modification</li> </ul>	2.3.1.2 Onshore Construction 2.3.1.4 Dredging 2.3.1.5 Marine Construction
	Operation of LNG facilities, including maintenance	2.3.2 Operations
	Shipping: <ul style="list-style-type: none"> <li>▪ The operation of LNG carriers and other supporting marine traffic along the marine access route between the facility marine terminal and the pilot station at Triple Island.</li> </ul>	2.3.2 Operations 2.3.2.3 Shipping
	The EIS/Application will also provide the following information: <ul style="list-style-type: none"> <li>▪ A description of why the proposed Project requires a provincial EAC</li> </ul>	1.6.2 Provincial Framework
	<ul style="list-style-type: none"> <li>▪ A description of the relevant history of the proposed Project</li> </ul>	2.1 Environmental Design
	<ul style="list-style-type: none"> <li>▪ A description of the proposed Project activities and physical works</li> </ul>	2.3 Project Activities
	An overview of the following environmental mitigation measures that were incorporated into proposed project planning and the benefits of these changes: <ul style="list-style-type: none"> <li>▪ Site selection</li> <li>▪ Engineering design features</li> <li>▪ Key project changes and refinements in response to feedback obtained from government agencies, Aboriginal groups, stakeholders, and the general public</li> </ul>	2.1 Environmental Design 2.1.3 Project Design Mitigation and Changes 2.4 Alternative Means of Carrying out the Project 3 Summary of Engagement
	<ul style="list-style-type: none"> <li>▪ A description of the capital construction phase and the lifetime of the proposed Project in years</li> </ul>	2.3 Project Activities Table 2-3
	<ul style="list-style-type: none"> <li>▪ A summary of the environmental management system and adaptive management approach for the proposed Project.</li> </ul>	2.1.2 Project Design Standards and Policies 2.1.2.2 PETRONAS Technical Standards 24.3 List of Environmental Management Plans

Application Information Requirements Section	Details of Requirements	EIS/Application Section
2.4 Alternative Means of Carrying out the Project	<p>The alternative means of carrying out the proposed Project will be assessed as set out in the EIS Guidelines.</p> <p>PNW LNG is evaluating a number of alternative designs and technologies for the proposed Project.</p> <p>The following criteria will be used to evaluate these alternatives.</p> <ul style="list-style-type: none"> <li>▪ Technical requirements to construct and operate the proposed Project, including related infrastructure</li> <li>▪ Economic feasibility of alternative technologies for construction and operation of the proposed Project, including associated infrastructure requirements</li> <li>▪ The potential effects of the alternative means.</li> </ul> <p>A description of each alternative considered, and the methods and criteria used to evaluate each alternative will be included in the EIS/Application. The EIS/Application will assess the alternative options that are technically and economically feasible, and describe the rationale for selecting the preferred alternative.</p>	2.4 Alternative Means of Carrying out the Project
2.5 Project Land Use	<ul style="list-style-type: none"> <li>▪ Describe the land ownership and land use regime (for example, fee simple, Crown land, Indian Reservations, description of zoning, Agricultural Land Reserve designation, applicable Land and Resource Management Plans and other land use designations as applicable) including tenures, licenses, permits or other authorizations that would be potentially affected by the proposed Project, and report on the status of consultations with holders of such tenures and permits, and private land owners on resolving issues with tenure and permit holders.</li> </ul>	1 Introduction and Project Overview 1.4 Project Location 1.6.3 Local and Regional Framework
	<ul style="list-style-type: none"> <li>▪ Identify the Land and Resource Management Plans that the proposed Project overlaps, and list the relevant management objectives of the Land and Resource Management Plans (e.g., the PRPA 2020 Land Use Management Plan).</li> </ul>	1.6.3 Local and Regional Framework
	<ul style="list-style-type: none"> <li>▪ Identify existing and proposed management and monitoring programs or regional studies.</li> </ul>	2.5 Project Land Use
	<ul style="list-style-type: none"> <li>▪ Identify other developments that may result in overlapping effects with the proposed Project.</li> </ul>	4.2.1 Project Inclusion List Table 4-6 Figure 4-1

Application Information Requirements Section	Details of Requirements	EIS/Application Section
2.5 Project Land Use (cont'd)	<ul style="list-style-type: none"> <li>Identify future developments that are reasonably foreseeable and sufficiently certain to proceed.</li> </ul>	4.2.1 Project Inclusion List Table 4-5 Figure 4-1
2.8 Applicable Permits and Regulatory Approvals	<ul style="list-style-type: none"> <li>List anticipated applicable local, provincial, and federal licenses, permits and/or approvals required for the construction, operation and decommissioning of the proposed Project and the associated responsible regulatory agency.</li> </ul>	2.8 Applicable Permits and Regulatory Approvals
	<ul style="list-style-type: none"> <li>Indicate if a request for concurrent permitting is being requested under the BCEAA pursuant to the Concurrent Approval Regulation (BC Reg. 371/2002).</li> </ul>	2.8 Applicable Permits and Regulatory Approvals
<b>3.0 Summary of Engagement</b>		
3.1 Provincial and Federal Involvement and Issue Tracking	<ul style="list-style-type: none"> <li>A list of the federal and provincial agencies/departments/organizations likely to be involved in the EA and their anticipated or confirmed roles</li> </ul>	3.1 Provincial and Federal Involvement and Issues Tracking Table 3-1
	<ul style="list-style-type: none"> <li>A list of applicable federal and provincial milestones, including, for example, issuance of section 10 and 11 Orders, working group meetings, and public comment periods</li> </ul>	3.1 Provincial and Federal Involvement and Issues Tracking Table 3-2
	<ul style="list-style-type: none"> <li>An issues tracking document that describes issues and concerns raised, and the degree to which these issues are considered resolved or addressed by PNW LNG or other parties during the preparation of the AIR and the EIS/Application.</li> </ul>	Appendix A Appendix B Table 3-3 Table 3-7



Application Information Requirements Section	Details of Requirements	EIS/Application Section
<p>3.2 Aboriginal Groups Information Distribution and Consultation</p>	<ul style="list-style-type: none"> <li>▪ The EIS/Application will summarize PNW LNG’s past and proposed consultation initiatives with Aboriginal groups.</li> <li>▪ The EIS/Application will include information on consultation initiatives done in accordance with the provisions set out in the section 11 Order, as well as those consultation activities completed prior to entering the BCEAA process.</li> <li>▪ The EIS/Application will include the Aboriginal Consultation Report which will summarize consultation activities with individual Aboriginal groups in accordance with the section 11 Order. The Consultation Report will be shared with each of the relevant Aboriginal groups for their review, prior to its inclusion in the EIS/Application. Where the proponent and Aboriginal groups do not agree on the content of the summary of consultation activities, these areas of difference will be noted.</li> <li>▪ Information on issues raised by Aboriginal groups prior to submission of the EIS/Application will be identified and discussed in the EIS/Application, as appropriate.</li> <li>▪ The EIS/Application will include a table that summarizes Aboriginal issues and concerns raised during the consultation process, and how these were addressed by PNW LNG or other parties.</li> </ul>	<p>3.2 First Nations Information Distribution and Consultation Table 3-3 Appendix A</p>
<p>3.3 Public and Agency Information Distribution and Consultation</p>	<ul style="list-style-type: none"> <li>▪ A summary of the consultations with public and other key stakeholders, federal, provincial and local government agencies</li> <li>▪ A description of the means of information distribution and consultation used during the environmental assessment including: <ul style="list-style-type: none"> <li>• Public meetings and open houses</li> <li>• One-on-one meetings with interested parties</li> <li>• Publication of articles in the media, enclosures and community newspapers</li> <li>• Through interviews on local radio and television</li> <li>• Participation in community events</li> </ul> </li> <li>▪ A summary of issues, concerns and interests identified during these consultations, and how these matters were addressed by PNW LNG or other parties.</li> </ul>	<p>3.3 Public and Agency Information Distribution and Consultation Table 3-5 Table 3-6 Table 3-7 Appendix B</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
3.3.1 Pre-Application Consultation	<p>A report on consultations undertaken in the pre-application stage, covering both the preparation of the AIR and the EIS/Application, including</p> <ul style="list-style-type: none"> <li>▪ A report on the consultations with public and other key stakeholders</li> <li>▪ A summary and/or report on the consultations with federal, provincial and local government representatives</li> <li>▪ An issues tracking document that identifies issues and concerns raised by the public and government agencies and the degree to which issues are considered resolved or addressed by the Proponent and other parties during the preparation of the AIR and the Application.</li> </ul>	3.3.1 Pre-Application Consultation Table 3-7 Appendix B
3.3.2 Consultation Planned During EIS/Application Review	<ul style="list-style-type: none"> <li>▪ A plan describing the public consultation program proposed for the EIS/Application review stage of the environmental assessment</li> <li>▪ A plan describing the proposed programs for consultation with government agencies</li> <li>▪ A description of the proposed methods and process to resolve outstanding issues.</li> </ul>	3.3.3 Consultation Planned During EIS/Application Review Table 3-8 Appendix B
<b>4.0 Assessment Methods</b>		
4.1 Environmental Assessment Methods	<ul style="list-style-type: none"> <li>▪ A description of the methods</li> </ul>	4.1 Environmental Assessment Methods
4.1.2 Assessment Boundaries	<ul style="list-style-type: none"> <li>▪ Provide spatial, temporal, and administrative and technical boundaries for each VC.</li> </ul>	4.1.2.1 Temporal Boundaries 4.1.2.2 Spatial Boundaries Table 4-2 Table 4-3 4.1.2.3 Administrative and Technical Boundaries
4.1.3 Baseline Conditions	<ul style="list-style-type: none"> <li>▪ A description of methods used to characterize baseline conditions</li> </ul>	4.1 Environmental Assessment Methods 4.1.3 Baseline Conditions
4.1.4 Assessment of Project-Specific Effects	<ul style="list-style-type: none"> <li>▪ A description of methods used to assess project-specific effects</li> </ul>	4.1.4 Assessment of Project-Specific Effects
4.2.2 Assessment of Cumulative Effects	<ul style="list-style-type: none"> <li>▪ A description of methods used to assess cumulative effects</li> </ul>	4.2 Assessment of Cumulative Effects

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4.3 Follow-Up Program	<ul style="list-style-type: none"> <li>The EIS/Application will identify and develop any proposed follow-up programs to verify the accuracy of the environmental assessment predictions and/or determine the effectiveness of any mitigation measures.</li> </ul>	4.8 Follow-up Program
<b>5.0 Existing Environment</b>		
5.0 Existing Environment	<p>The existing biophysical and human environment will be described as set out in the EIS Guidelines. The EIS/Application will include a general description of the existing biophysical and human environment including the surrounding regional area.</p> <p>Project-specific studies will be described in detail within baseline conditions section of each VC chapter.</p>	<p>5.0 Existing Environment</p> <hr/> <p>Baseline Conditions for each VC:</p> <ul style="list-style-type: none"> <li>6.3 Air Quality</li> <li>7.3 GHG Management</li> <li>8.3 Acoustic Environment</li> <li>9.3 Ambient Light</li> <li>10.3 Vegetation and Wetland Resources</li> <li>11.3 Terrestrial Wildlife and Marine Birds</li> <li>12.3 Freshwater Aquatic Resources</li> <li>13.3 Marine Resources</li> <li>14.3 Economic Environment</li> <li>15.3 Navigation and Marine Resource Use</li> <li>16.3 Infrastructure and Services</li> <li>17.3 Visual Quality</li> <li>18.3 Community Health and Well-Being</li> <li>19.3 Human and Ecological Health</li> <li>20.3 Archaeological and Heritage Resources</li> <li>21.3 Current Use of Lands and Resources for Traditional Purposes</li> </ul>
<b>6.0 Air Quality</b>		
6.1 Introduction	The EIS/Application will introduce the air quality assessment, describe the rationale for selecting air quality as a VC and identify linkages to other sections of the EIS/Application.	6.1 Introduction

Application Information Requirements Section	Details of Requirements	EIS/Application Section
6.2 Scope of Assessment	<p>The air quality assessment will focus on the emissions sources (routine and abnormal) associated with the proposed Project, including the construction and operation of the LNG facility, marine terminal, associated infrastructure, and shipping activities (between the terminal and Triple Island pilotage station). The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to management of air quality.</p>	<p>6.2 Scope of Assessment 6.2.1 Regulatory and Policy Setting 8.2.3 Selection of Potential Effects</p>
	<p>The assessment will also define technical boundaries that include limitations in scientific information, data analyses, and interpretation.</p>	6.2.5 Boundaries
6.3 Baseline Conditions	<p>Baseline conditions will be described as set out in the EIS Guidelines. The EIS/Application will provide the following information to characterize current conditions:</p> <ul style="list-style-type: none"> <li>▪ Regional climate</li> </ul>	6.3 Baseline Conditions
	<ul style="list-style-type: none"> <li>▪ Baseline ambient air quality.</li> </ul>	6.3 Baseline Conditions
	<p>The dispersion modeling technical data report will be included as an Appendix to the EIS/Application. It will include the following details:</p> <ul style="list-style-type: none"> <li>▪ Existing regional facilities and their emissions</li> <li>▪ Project-related emissions</li> <li>▪ Dispersion modeling of selected substances of interest for base, project, and application (base + project) cases.</li> </ul>	Appendix C
6.4 Effects Assessment	<p>The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:</p>	6.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	6.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	6.5.2 Increase in Criteria Air Contaminants Concentrations 6.5.2.1 Potential Effects
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	6.5.2.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	6.5.2.3 Characterization of Residual Effects Table 6-11

Application Information Requirements Section	Details of Requirements	EIS/Application Section
	<ul style="list-style-type: none"> <li>▪ Determination of significance</li> </ul> <p>Information from dispersion modeling will be used to facilitate the assessment of potential acidification of ecosystems.</p>	<p>6.5.2.5 Determination of Significance of Residual Effects 6.8 Conclusion Table 6-11</p> <p>6.5.1 Analytical Methods 6.5.1.1 Analytical Assessment Techniques Appendix C</p>
6.5 Cumulative Effects	<p>The EIS/Application will identify the foreseeable future projects that may affect the regional air quality. A cumulative effects assessment will include the</p> <ul style="list-style-type: none"> <li>▪ Methods and rationale used to identify these other developments</li> <li>▪ Descriptions of any potential adverse effects to air quality resulting from these developments.</li> </ul> <p>The effects of the future cases will be aggregated with the proposed Project and baseline cases to assess the cumulative effects within the RAA. The significance of predicted potential cumulative effects and the proposed Project contribution to cumulative effects will then be assessed.</p>	<p>6.6 Cumulative Effects</p> <p>6.6.2 Cumulative Effects Assessment Table 6-12 Appendix C</p> <p>6.6.2 Cumulative Effects Assessment</p> <p>6.6.2.2 Summary of Cumulative Effects</p>
6.6 Conclusion	<p>This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on air quality and a conclusion on the significance of these effects.</p>	6.7 Conclusion
<b>7.0 Greenhouse Gas Management</b>		
7.1 Introduction	<p>The EIS/Application will introduce the greenhouse gas management section and describe the rationale for its inclusion in the EIS/Application.</p>	7.1 Introduction
7.2 Scope of Assessment	<p>The GHG management section will focus on the emission sources associated with the Project construction and operation of the natural gas liquefaction process. The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to GHG management. The EIS/Application will discuss anticipated GHG emissions of the proposed Project in relation to federal and provincial policies and targets for GHG reduction.</p>	<p>7.2 Scope of Assessment 7.2.1 Regulatory and Policy Setting Table 7-3 Table 7-4 7.2.3 Selection of Potential Effects 7.7 GHG Management Options 7.6 Effects on GHG Reduction Targets Appendix C</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
7.3 Baseline Conditions	The EIS/Application will provide information on provincial and federal GHG policy and legislation. It will also provide information on current provincial and federal GHG emission levels.	7.2 Scope of the Assessment 7.2.1 Regulatory and Policy Setting 7.3 Baseline Conditions 7.3.1 Provincial and National GHG Emissions Inventory Table 7-1
7.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include an assessment of effects on GHG reduction targets and GHG management options for the proposed Project.	7.5 Effects Assessment 7.6 Effects on GHG Reductions 7.7 GHG Management Options
7.5 Conclusion	This section of the EIS/Application will include a brief summary of greenhouse gas management for the Project and a conclusion on the effects on provincial and federal GHG reduction targets.	7.9 Conclusion
<b>8.0 Acoustic Environment</b>		
8.1 Introduction	The EIS/Application will introduce the acoustic environment assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	8.1 Introduction
8.2 Scope of Assessment	The EIS/Application will quantify acoustic emissions associated with construction and operation of the proposed Project.	8.2 Scope of Assessment 8.2.3 Selection of Potential Effects
	The EIS/Application will include a description of the British Columbia Noise Control Best Practices Guideline (BC OGC 2009), and any other legislation, guidelines, best management practices, and guidance documents that are relevant to management of noise levels. It will also expand on the rationale for the spatial boundaries.	8.2 Scope of Assessment 8.2.1 Regulatory and Policy Setting 8.2.5 Boundaries
8.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines.	8.3 Baseline Conditions Appendix D
8.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	8.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	8.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	8.5.2 Change in Existing Acoustic Environment 8.5.2.1 Potential Effects

Application Information Requirements Section	Details of Requirements	EIS/Application Section
8.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>Mitigation</li> </ul>	8.5.2 Change in Existing Acoustic Environment 8.5.2.2 Mitigation
	<ul style="list-style-type: none"> <li>Characterization of residual effects</li> </ul>	8.5.2 Change in Existing Acoustic Environment 8.5.2.3 Characterization of Residual Effects Table 8-20
	<ul style="list-style-type: none"> <li>Determination of significance.</li> </ul>	8.5.2 Change in Existing Acoustic Environment 8.5.2.5 Determination of Significance of Residual Effects 8.8 Conclusion Table 8-20
	Significant sources of noise will be identified, described and quantified in terms of noise emissions.	Table 8-8 Appendix D
8.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on the acoustic environment will be provided.	8.6 Cumulative Effects Appendix D
8.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on the acoustic environment and a conclusion on the significance of these effects.	8.8 Conclusion
<b>9.0 Ambient Light</b>		
9.1 Introduction	The EIS/Application will introduce the ambient light assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	9.1 Introduction
9.2 Scope of Assessment	The EIS/Application will describe the light emissions associated with construction and operation of the proposed Project (including light from LNG carriers from shipping between the terminal and Triple Island pilotage station). The EIS/Application will consider the potential effect that project lighting could have on the existing ambient light levels surrounding the proposed Project.	9.2 Scope of Assessment 9.2.3 Selection of Potential Effects Figure 9-1
9.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines.	9.3 Baseline Conditions
9.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	9.5 Effects Assessment
	<ul style="list-style-type: none"> <li>Analytical methods</li> </ul>	9.5.1 Analytical Methods

Application Information Requirements Section	Details of Requirements	EIS/Application Section
9.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>Assessment of potential effects</li> </ul>	9.5.2 Change of Ambient Light 9.5.2.1 Potential Effects
	<ul style="list-style-type: none"> <li>Mitigation</li> </ul>	9.5.2 Change of Ambient Light 9.5.2.2 Mitigation
	<ul style="list-style-type: none"> <li>Characterization of residual effects</li> </ul>	9.5.2 Change of Ambient Light 9.5.2.3 Characterization of Residual Effects Table 9-9
	<ul style="list-style-type: none"> <li>Determination of significance.</li> </ul>	9.5.2 Change of Ambient Light 9.5.2.5 Determination of Significance of Residual Effects Table 9-9
9.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on ambient light will be provided.	9.6 Cumulative Effects Table 9-10
9.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on the ambient light and a conclusion on the significance of these effects.	9.8 Conclusion
<b>10.0 Vegetation and Wetland Resources</b>		
10.1 Introduction	The EIS/Application will introduce the vegetation and wetland resources assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	10.1 Introduction
10.2 Scope of Assessment	The vegetation and wetland resources assessment in the EIS/Application will focus on listed plant species at-risk as defined by COSEWIC and the BC Conservation Data Centre; ecological communities at-risk; traditional use plants identified through consultation with interested Aboriginal groups; old forests; and wetlands. Loss of wetland will be described in the context of the Federal Policy on Wetland Conservation.	10.2 Scope of Assessment 10.2.3 Selection of Potential Effects
	The EIS/Application will include a description of any legislation, guidelines, best management practices, and guidance documents that are relevant to the protection and management of vegetation on federal lands. The assessment will consider potential effects to vegetation through air emissions at a regional scale, using publicly available datasets and relevant scientific literature. Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined through the assessment process.	10.2 Scope of Assessment 10.2.1 Regulatory and Policy Setting 10.2.5 Boundaries Figure 10-1



Application Information Requirements Section	Details of Requirements	EIS/Application Section
10.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines. Baseline conditions of vegetation resources will be determined using a combination of desktop studies using publicly available information, terrestrial ecosystem mapping (TEM), and field surveys.	10.3 Baseline Conditions 10.3.1 Baseline Methods and Data Sources Appendix E
	Data collected during field surveys will be used to verify the TEM, identify ecological communities at risk; describe and classify wetlands; identify stands of old forest; and record abundance and distribution of non-native invasive plant species, traditional use plant species, and plant species at risk.	10.3 Baseline Conditions 10.3.1 Baseline Methods and Data Sources 10.3.2 Overview of Baseline Conditions Table 10-4 Table 10-5 Appendix E
	The EIS/Application will provide the following information for characterizing the baseline conditions for vegetation resources: <ul style="list-style-type: none"> <li>▪ Descriptions of ecosystem units identified in the TEM completed for the proposed Project, including wetlands</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.1 Local Assessment Area Terrestrial Ecosystem Mapping Table 10-4 10.3.2.8 Wetlands Appendix E
	<ul style="list-style-type: none"> <li>▪ Descriptions of ecological communities-at-risk identified through TEM and fieldwork</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.6 Ecological Communities at Risk Figure 10-4
	<ul style="list-style-type: none"> <li>▪ Identification of areas of old forest</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.7 Old Forest Figure 10-5
	<ul style="list-style-type: none"> <li>▪ A summary of rare plants identified through rare plant surveys and a query of the BC Conservation Data Centre and the SARA public registry</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.3 Plant Species at Risk Figure 10-2 Appendix E
	<ul style="list-style-type: none"> <li>▪ Information on the presence of non-native invasive plant species in the proposed Project area</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.5 Noxious Weeds and Invasive Plant Species
	<ul style="list-style-type: none"> <li>▪ A summary of species identified by Aboriginal groups as being of importance for cultural, spiritual, or traditional use, including vegetation used as country food, will be incorporated into the social and health assessments.</li> </ul>	10.3.2 Overview of Baseline Conditions 10.3.2.4 Traditional Use Plants Table 10-5

Application Information Requirements Section	Details of Requirements	EIS/Application Section
10.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines and described in Section 4.1.4 of this document. This will include:	10.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	10.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	10.5.2 Change in Abundance of Plant Species of Interest 10.5.3 Change in Abundance or Condition of Ecological Communities 10.5.4 Change in Wetland Functions
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	10.5.2 Change in Abundance of Plant Species of Interest 10.5.2.2 Mitigation 10.5.3 Change in Abundance or Condition of Ecological Communities 10.5.3 .2 Mitigation 10.5.4 Change in Wetland Functions 10.5.4.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	10.5.2 Change in Abundance of Plant Species of Interest 10.5.2.3 Characterization of Residual Effects 10.5.3 Change in Abundance or Condition of Ecological Communities 10.5.3.3 Characterization of Residual Effects 10.5.4 Change in Wetland Functions 10.5.4.3 Characterization of Residual Effects Table 10-17

Application Information Requirements Section	Details of Requirements	EIS/Application Section
10.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on vegetation and wetland resources will be characterized in the context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>10.5.2 Change in Abundance of Plant Species of Interest</p> <p>10.5.2.5 Determination of Significance of Residual Effects</p> <p>10.5.3 Change in Abundance or Condition of Ecological Communities</p> <p>10.5.3.5 Determination of Significance of Residual Effects</p> <p>10.5.4 Change in Wetland Functions</p> <p>10.5.4.5 Determination of Significance of Residual Effects</p> <p>10.8 Conclusion</p> <p>Table 10-17</p>
10.5 Cumulative Effects	<p>An assessment of the proposed Project's potential contributions to cumulative effects on vegetation and wetland resources will be provided.</p>	<p>10.5.2 Change in Abundance of Plant Species of Interest</p> <p>10.5.3 Change in Abundance or Condition of Ecological Communities</p> <p>10.5.4 Change in Wetland Functions</p> <p>10.5.5 Summary of Residual Effects</p>
10.6 Conclusion	<p>This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on vegetation and wetland resources and a conclusion on the significance of these effects.</p>	<p>10.6 Cumulative Effects</p> <p>10.6.2 Cumulative Effects Assessment</p> <p>Table 10-18</p>
<b>11.0 Terrestrial Wildlife and Marine Birds</b>		
11.1 Introduction	<p>The EIS/Application will introduce the terrestrial wildlife and marine birds' assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.</p>	<p>10.5.5 Summary of Residual Effects</p> <p>10.6.2.1 Summary of Cumulative Effects</p> <p>10.8 Conclusion</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
11.2 Scope of Assessment	<p>The assessment of potential effects on terrestrial wildlife and marine birds in the EIS/Application will focus on effects from habitat loss or alteration (through vegetation clearing, construction and disturbance), wildlife mortality from project activities, and alteration of movement patterns to avoid project infrastructure and shipping LNG (between the terminal and the Triple Island pilot station).</p> <p>The assessment will focus on potential effects of the proposed Project on:</p> <ul style="list-style-type: none"> <li>▪ Terrestrial wildlife and marine bird species at risk</li> <li>▪ Terrestrial wildlife (mammals, birds, reptiles and amphibians, invertebrates)</li> <li>▪ Marine birds</li> <li>▪ Wildlife habitat features</li> <li>▪ Wildlife species of importance identified by Aboriginal groups.</li> </ul>	11.2 Scope of Assessment 11.2.1 Regulatory and Policy Setting 11.2.3 Selection of Potential Effects Appendix H
	<p>The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to management of wildlife and their habitats. The assessment will also define technical boundaries that include limitations in available scientific information, data analyses, and interpretation, as defined through the assessment process.</p>	11.2 Scope of Assessment 11.2.1 Regulatory and Policy Setting 11.2.5 Boundaries Figure 11-1
11.3 Baseline Conditions	<p>Baseline conditions will be described as set out in the EIS Guidelines. This section of the EIS/Application will provide the following information to characterize baseline conditions for the wildlife VC:</p> <ul style="list-style-type: none"> <li>▪ Summary of available existing wildlife inventory and habitat use information for terrestrial and marine habitats in the Prince Rupert area</li> <li>▪ Assessment of habitat availability for key wildlife species within the LAA derived from habitat suitability modeling based on terrestrial ecosystem mapping (TEM)</li> <li>▪ Summary of important terrestrial wildlife and marine bird habitats and features (e.g., breeding colonies, staging areas, identified raptor nests, and dens)</li> </ul>	11.3 Baseline Conditions  11.3.1 Existing Data Sources and Desktop Studies Appendix H  11.3.1 Existing Data Sources and Desktop Studies 11.3.2.1 Habitat Modelling Appendix H  11.3.1 Existing Data Sources and Desktop Studies 11.3.2 Overview of Baseline Conditions Appendix H

Application Information Requirements Section	Details of Requirements	EIS/Application Section
11.3 Baseline Conditions (cont'd)	<ul style="list-style-type: none"> <li>▪ Summary of the results of 2012 and 2013 field studies, including surveys for terrestrial wildlife, marine birds, diurnal and nocturnal raptors, breeding songbirds, amphibians and incidental observations of wildlife or wildlife signs</li> </ul>	11.3.2 Overview of Baseline Conditions 11.3.2.1 Habitat Modelling 11.3.2.2 Field Studies
	<ul style="list-style-type: none"> <li>▪ BC Conservation Data Centre (BC CDC) element occurrence records</li> </ul>	11.3.1 Existing Data Sources and Desktop Studies Appendix H
	<ul style="list-style-type: none"> <li>▪ A list of wildlife species identified on federal (COSEWIC and Schedule 1 of SARA) and provincial (red- and blue-listed) lists of species of conservation concern with the potential to occur in the assessment area</li> </ul>	11.3.2 Overview of Baseline Conditions Appendix H Table 11-4
	<ul style="list-style-type: none"> <li>▪ A list of wildlife species of cultural, spiritual, or traditional importance to First Nations with potential to occur in the assessment area, where relevant and available</li> </ul>	11.2 Scope of Assessment 11.2.2 Influence of Consultation on the Assessment 11.2.3 Selection of Potential Effects Appendix H
	<ul style="list-style-type: none"> <li>▪ Any other traditional ecological or community knowledge, where relevant and available.</li> </ul>	11.2.2 Influence of Consultation on the Assessment 11.2.3 Selection of Potential Effects Appendix H
11.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	11.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	11.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	11.5.2 Change in Wildlife Habitat Availability 11.5.3 Change in Mortality Risk 11.5.4 Alteration of Movement
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	11.5.2 Change in Wildlife Habitat Availability 11.5.2.2 Mitigation 11.5.3 Change in Mortality Risk 11.5.3.2 Mitigation 11.5.4 Alteration of Movement 11.5.4.2 Mitigation

Application Information Requirements Section	Details of Requirements	EIS/Application Section
11.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li>   <li>▪ Determination of significance.</li> </ul>	<p>11.5.2 Change in Wildlife Habitat Availability                      11.5.2.3 Characterization of Residual Effects                      11.5.3 Change in Mortality Risk                      11.5.3.3 Characterization of Residual Effects                      11.5.4 Alteration of Movement                      11.5.4.3 Characterization of Residual Effects                      Table 11-11</p> <hr/> <p>11.5.2 Change in Wildlife Habitat Availability                      11.5.2.5 Determination of Significance of Residual Effects                      11.5.3 Change in Mortality Risk                      11.5.3. 5 Determination of Significance of Residual Effects                      11.5.4 Alteration of Movement                      11.5.4. 5 Determination of Significance of Residual Effects                      11.8 Conclusion                      Table 11-11</p>
	<p>Potential project effects on terrestrial wildlife and marine birds will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>11.5.2 Change in Wildlife Habitat Availability                      11.5.3 Change in Mortality Risk                      11.5.4 Alteration of Movement                      11.5.5 Summary of Residual Effects                      11.7 Follow-up and Monitoring</p>
11.5 Cumulative Effects	<p>An assessment of the proposed Project’s potential contributions to cumulative effects on terrestrial wildlife and marine birds will be provided.</p>	<p>11.6 Cumulative Effects                      11.6.2 Cumulative Effects Assessment                      Table 11-13</p>
11.6 Conclusion	<p>This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on terrestrial wildlife and marine birds and a conclusion on the significance of these effects.</p>	<p>11.5.5 Summary of Residual Effects                      11.6.2.4 Summary of Cumulative Effects                      11.8 Conclusion</p>

Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>12.0 Freshwater Aquatic Resources</b>		
12.1 Introduction	The EIS/Application will introduce the freshwater aquatic resources assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	12.1 Introduction
12.2 Scope of Assessment	The description of freshwater aquatic resources in the EIS/Application will focus on fish with commercial, recreational, and aboriginal fisheries, or fish that support such a fishery, and species-at-risk. A major emphasis in the assessment will be on effects arising from the alteration, disruption or destruction of freshwater and estuarine fish and fish habitat associated with the construction of the components of the proposed Project on Lelu Island.	12.2 Scope of Assessment 12.2.1 Regulatory and Policy Setting 12.2.3 Selection of Potential Effects
	The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to the protection and management of these stocks.	12.2 Scope of Assessment 12.2.1 Regulatory and Policy Setting
	Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined, if necessary.	12.2.5 Boundaries 12.2.5.3 Administrative and Technical Boundaries
12.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines. The EIS/Application will include baseline studies of the freshwater aquatic habitats potentially affected by the proposed Project and will document the quantity and quality of fish habitat by type and fish species assemblage using these habitats over time and space.	12.3 Baseline Conditions Appendix I
	<p>The EIS/Application will provide the following information in written form and/or maps characterizing the baseline conditions for freshwater aquatic resources:</p> <ul style="list-style-type: none"> <li>▪ Fish species assemblages (by life-stage), relative abundance in accessible anadromous habitat unit types</li> <li>▪ Physical data, habitat assessment, basic water quality as related to freshwater fish and fish habitat, fish capture and meristic information as described by the Resource Inventory Committee (RIC 2001) for all habitat unit types.</li> </ul>	12.3 Baseline Conditions 12.3.2 Overview of Baseline Conditions Table 12-5 Appendix I
12.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	12.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	12.5.1 Analytical Methods

Application Information Requirements Section	Details of Requirements	EIS/Application Section
12.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	12.5.2 Change in Fish Habitat 12.5.3 Change in Food and Nutrient Content 12.5.4 Change in Fish Mortality Risk
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	12.5.2 Change in Fish Habitat 12.5.2.2 Mitigation 12.5.3 Change in Food and Nutrient Content 12.5.3.2 Mitigation 12.5.4 Change in Fish Mortality Risk 12.5.4.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	12.5.2 Change in Fish Habitat 12.5.2.3 Characterization of Residual Effects 12.5.3 Change in Food and Nutrient Content 12.5.3.3 Characterization of Residual Effects 12.5.4 Change in Fish Mortality Risk 12.5.4.3 Characterization of Residual Effects Table 12-8
	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul>	12.5.2 Change in Fish Habitat 12.5.2.5 Determination of Significance 12.5.3 Change in Food and Nutrient Content 12.5.3.5 Determination of Significance 12.5.4 Change in Fish Mortality Risk 12.5.4.5 Determination of Significance Table 12-8
	Potential project effects on freshwater aquatic resources will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.	12.5.2 Change in Fish Habitat 12.5.3 Change in Food and Nutrient Content 12.5.4 Change in Fish Mortality Risk 12.5.5 Summary of Residual Effects 12.7 Follow-up and Monitoring



Application Information Requirements Section	Details of Requirements	EIS/Application Section
12.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on freshwater aquatic resources will be provided.	12.6 Cumulative Effects Table 12-9
12.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on freshwater aquatic resources and a conclusion on the significance of these effects.	12.8 Conclusion
<b>13.0 Marine Resources</b>		
13.1 Introduction	The EIS/Application will introduce the marine resources assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	13.1 Introduction
13.2 Scope of Assessment	The marine resources assessment will focus on the planned areas of disturbance or alteration associated with the marine Project components and the effects associated with shipping activities.	13.2 Scope of Assessment 13.2.3 Selection of Potential Effects
	The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to the protection and management of marine resources including: fish with commercial, recreational, and aboriginal fisheries, or fish that support such a fishery; marine mammals; aquatic species-at-risk; and the habitat of these species (including water and sediment quality).	13.2 Scope of Assessment 13.2.1 Regulatory and Policy Setting
	Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined through the assessment process.	13.2.5 Boundaries 13.2.5.3 Administrative and Technical Boundaries
13.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines. The EIS/Application will characterize baseline conditions for marine resources by providing the following information:	13.3 Baseline Conditions
	<ul style="list-style-type: none"> <li>▪ Descriptions of important ecological communities and marine fish habitat identified through fieldwork and literature reviews (e.g., eelgrass beds)</li> </ul>	13.3.1 Baseline Methods and Data Sources 13.3.2 Overview of Baseline Conditions Appendix L Appendix M
	<ul style="list-style-type: none"> <li>▪ Descriptions of marine fish species (e.g., salmon, eulachon) in relation to the LAA and RAA</li> </ul>	13.3.2 Overview of Baseline Conditions 13.3.2.2 Fish and Fish Habitat Table 13-5 Appendix M

Application Information Requirements Section	Details of Requirements	EIS/Application Section
13.3 Baseline Conditions (cont'd)	<ul style="list-style-type: none"> <li>▪ Descriptions of marine mammal species present in relation to the LAA and RAA</li> </ul>	13.3.2 Overview of Baseline Conditions 13.3.2.3 Marine Mammals Table 13-6 Appendix M
	<ul style="list-style-type: none"> <li>▪ A summary of federally listed species and species of conservation concern identified through a query of SARA, COSEWIC assessments, and the BC CDC.</li> </ul>	13.3.2 Overview of Baseline Conditions 13.3.2.2 Fish and Fish Habitat 13.3.2.3 Marine Mammals Appendix M Table 13-5 Table 13-6
	<ul style="list-style-type: none"> <li>▪ Publically available baseline data on marine resources in the Prince Rupert area will be summarized in the EIS/Application</li> </ul>	13.2 Baseline Conditions 13.3.2 Overview of Baseline Conditions Appendix L Appendix M
13.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	13.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical Methods</li> </ul>	13.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	13.5.2 Change in Sediment or Water Quality 13.5.3 Change in Fish Habitat 13.5.4 Direct Mortality or Physical Injury to Fish or Marine Mammals 13.5.5 Change in Behaviour

Application Information Requirements Section	Details of Requirements	EIS/Application Section
13.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	13.5.2 Change in Sediment or Water Quality 13.5.2.2 Mitigation 13.5.3 Change in Fish Habitat 13.5.3.2 Mitigation 13.5.4 Direct Mortality or Physical Injury to Fish or Marine Mammals 13.5.4.2 Mitigation 13.5.5 Change in Behaviour 13.5.5.2 Mitigation Appendix K
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	13.5.2 Change in Sediment or Water Quality 13.5.2.3 Characterization of Residual Effects 13.5.3 Change in Fish Habitat 13.5.3.3 Characterization of Residual Effects 13.5.4 Direct Mortality or Physical Injury to Fish or Marine Mammals 13.5.4.3 Characterization of Residual Effects 13.5.5 Change in Behaviour 13.5.5.3 Characterization of Residual Effects 13.5.6 Summary of Residual Effects Table 13-13

Application Information Requirements Section	Details of Requirements	EIS/Application Section
13.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on marine resources will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>13.5.2 Change in Sediment or Water Quality                      13.5.2.5 Determination of Significance of Residual Effects                      13.5.3 Change in Fish Habitat                      13.5.3.5 Determination of Significance of Residual Effects                      13.5.4 Direct Mortality or Physical Injury to Fish or Marine Mammals                      13.5.4.5 Determination of Significance of Residual Effects                      13.5.5 Change in Behaviour                      13.5.5.5 Determination of Significance of Residual Effects                      Table 13-13</p> <p>13.5.2 Change in Sediment or Water Quality                      13.5.3 Change in Fish Habitat                      13.5.4 Direct Mortality or Physical Injury to Fish or Marine Mammals                      13.5.5 Change in Behaviour                      13.5.6 Summary of Residual Effects                      13.7 Follow-up and Monitoring                      Appendix K</p>
13.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on marine resources will be provided.	13.6 Cumulative Effects Table 13-14
13.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on marine resources and a conclusion on the significance of these effects.	13.5.6 Summary of Residual Effects 13.6.2.5 Summary of Cumulative Effects 13.9 Conclusion
<b>14.0 Economic Environment</b>		
14.1 Introduction	This section of the EIS/Application will introduce the assessment of economic effects, describe the rationale for selecting economic conditions as a VC and identify links to other sections of the EIS/Application.	14.1 Introduction

Application Information Requirements Section	Details of Requirements	EIS/Application Section
14.2 Scope of Assessment	<p>The assessment of economic effects will focus on the economic contribution of the proposed Project to local and regional economies.</p> <p>The EIS/Application will include a description of policies and best management practices that are relevant to minimizing economic pressures and maximizing benefits of major projects.</p>	<p>14.2 Scope of Assessment</p> <p>14.2.1 Regulatory and Policy Setting</p> <p>14.2.3 Selection of Potential Effects</p>
	<p>It will also expand on the rationale for the spatial boundaries identified in tables Table 5 and Table 6.</p> <p>The EIS/Application will also define technical boundaries, if relevant, which include limitations in scientific information, data analyses, and interpretation as defined through the assessment process.</p>	<p>14.2.5 Boundaries</p> <p>14.2.5.3 Administrative and Technical Boundaries</p>
14.3 Baseline Conditions	<p>The current characteristics of the economic environment will be described in this section. This description will summarize:</p> <ul style="list-style-type: none"> <li>▪ Current economic conditions, including existing businesses and industry</li> <li>▪ Key economic indicators and trends in the absence of the proposed Project, based on ready available statistical data (Census Canada, BC Stats), and other published and non-published reports</li> <li>▪ Labour market, including employment/unemployment, current employers, available labour supply and level of education/skills/training of the labour force, based on data (Census Canada, BC Stats, and Service Canada), as well as primary information sources</li> <li>▪ Supply of goods and services in the region based on local government, chamber of commerce, and other published and non-published data, as well as primary information sources.</li> </ul>	<p>14.3 Baseline Conditions</p> <p>14.3.1 Baseline Method and Data Sources</p> <p>14.3.2 Overview of Baseline Conditions</p>
14.4 Effects Assessment	<p>The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:</p>	14.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	14.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	<p>14.5.2 Change in Regional Labour Supply and Demand</p> <p>14.5.3 Change in Cost of Living and Economic Activity</p> <p>14.5.4 Change in Municipal Government Finances</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
14.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	14.5.2 Change in Regional Labour Supply and Demand 14.5.2.2 Mitigation 14.5.3 Change in Cost of Living and Economic Activity 14.5.3.2 Mitigation 14.5.4 Change in Municipal Government Finances 14.5.4.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	14.5.2 Change in Regional Labour Supply and Demand 14.5.2.3 Characterization of Residual Effects 14.5.3 Change in Cost of Living and Economic Activity 14.5.3.3 Characterization of Residual Effects 14.5.4 Change in Municipal Government Finances 14.5.4.3 Characterization of Residual Effects Table 14-22
	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul>	14.5.2 Change in Regional Labour Supply and Demand 14.5.2.5 Determination of Significance of Residual Effects 14.5.3 Change in Cost of Living and Economic Activity 14.5.3.5 Determination of Significance of Residual Effects 14.5.4 Change in Municipal Government Finances 14.5.4.5 Determination of Significance of Residual Effects Table 14-22

Application Information Requirements Section	Details of Requirements	EIS/Application Section
14.4 Effects Assessment (cont'd)	Potential project effects on the economic environment will be characterized in context of baseline conditions. The distribution of the potential effects will be discussed. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.	14.5.5 Effects Assessment 14.5.2 Change in Regional Labour Supply and Demand 14.5.3 Change in Cost of Living and Economic Activity 14.5.4 Change in Municipal Government Finances 14.5.5 Summary of Residual Effects
14.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on the economic environment will be provided.	14.6 Cumulative Effects Table 14-23
14.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on the economic environment and a conclusion on the significance of these effects.	14.8 Conclusion
<b>15.0 Navigation and Marine Resource Use</b>		
15.1 Introduction	This section of the EIS/Application will describe the rationale for selecting navigation and marine resource as a VC and identify linkages to other sections of the EIS/Application.	15.1 Introduction
15.2 Scope of Assessment	The assessment of effects on navigation and marine resource use will focus on potential effects arising from interactions between marine project components and users of navigable waters in the vicinity of Lelu Island, shipping activities related to construction, and potential shipping routes of LNG carriers (between the marine terminal and Triple Island). The assessment will include both direct and indirect effects on navigation.	15.2 Scope of Assessment 15.2.3 Selection of Potential Effects 15.2.4 Selection of Measurable Parameters
	The EIS/Application will expand on the rationale for the spatial boundaries identified in tables Table 5 and Table 6. Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined through the assessment process.	15.2.5 Boundaries 15.2.5.2 Spatial Boundaries 15.2.5.3 Administrative and Technical Boundaries
15.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines. This section of the EIS/Application will describe the approach and methods used to collect baseline marine traffic and resource use information required to support the assessment, and will identify the sources of this information.	15.3 Baseline Conditions
	Baseline conditions will be characterized from primary and secondary data including:	15.3 Baseline Conditions

Application Information Requirements Section	Details of Requirements	EIS/Application Section
15.3 Baseline Conditions (cont'd)	<ul style="list-style-type: none"> <li>Information from the PRPA</li> </ul>	15.3.1 Baseline Methods and Data Sources 15.3.2 Overview of Baseline Conditions Table 15-5 Table 15-7
	<ul style="list-style-type: none"> <li>Current status of navigation aids, Coast guard responses, and communications</li> </ul>	15.3.2 Overview of Baseline Conditions 15.3.2.2 Navigational Aids 15.3.2.3 Navigational Safety 15.3.2.4 Marine Infrastructure
	<ul style="list-style-type: none"> <li>Shipping, commercial, and non-commercial use within the LAA and RAA</li> </ul>	15.3.2 Overview of Baseline Conditions 15.3.2.5 Navigation Traffic 15.3.2.10 Recreational Traffic Table 15-6 Figure 15-3 Figure 15-5 Figure 15-6 Figure 15-7 Figure 15-9 Figure 15-11
	<ul style="list-style-type: none"> <li>Geo-spatial and attribute information on shipping and marine transportation and resource use</li> </ul>	15.3.2 Overview of Baseline Conditions Table 15-5 Table 15-7 Table 15-8 Table 15-9 Figures: 15-3 to 15-13
	<ul style="list-style-type: none"> <li>Interviews with relevant stakeholders</li> </ul>	15.3.1 Baseline Methods and Data Sources 15.3.1.3 Stakeholders Consulted on Navigation 15.3.2 Overview of Baseline Conditions



Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
15.3 Baseline Conditions (cont'd)	<ul style="list-style-type: none"> <li>▪ Commercial, recreational, subsistence, and First Nations fisheries</li> </ul>	15.3.2 Overview of Baseline Conditions 15.3.2.6 Commercial Fisheries Table 15-5 15.3.2.7 Aboriginal Fisheries 15.3.2.8 Recreational Fisheries Figure 15-13 Figure 15-12
	<ul style="list-style-type: none"> <li>▪ Observational data on marine users within the vicinity of Lelu Island.</li> </ul>	Tables 15.7 Table 15.8
15.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	15.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	15.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	15.5 Effects Assessment 15.5.2 Interference with Navigation 15.5.3 Effects on Fishing, Recreation and Marine Use
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	15.5.2 Interference with Navigation 15.5.2.2 Mitigation 15.5.3 Effects on Fishing, Recreation and Marine Use 15.5.3.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	15.5.2 Interference with Navigation 15.5.2.3 Characterization of Residual Effects 15.5.3 Effects on Fishing, Recreation and Marine Use 15.5.3.3 Characterization of Residual Effects Table 15-11

Application Information Requirements Section	Details of Requirements	EIS/Application Section
15.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on navigation and marine resource use will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>15.5.2 Interference with Navigation 15.5.2.5 Determination of Significance of Residual Effects</p> <p>15.5.3 Effects on Fishing, Recreation and Marine Use 15.5.3.5 Determination of Significance of Residual Effects Table 15-11</p> <p>15.5.2 Interference with Navigation 15.5.3 Effects on Fishing, Recreation and Marine Use 15.5.4 Summary of Residual Effects</p>
15.5 Cumulative Effects	<p>An assessment of the proposed Project's potential contributions to cumulative effects on navigation and marine resource use will be provided.</p>	<p>15.6 Cumulative Effects Table 15-12</p>
15.6 Conclusion	<p>This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on navigation and marine resource use and a conclusion on the significance of these effects.</p>	<p>15.8 Conclusion</p>
<b>16.0 Infrastructure and Services</b>		
16.1 Introduction	<p>This section of the EIS/Application will introduce the assessment of effects on infrastructure and services, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.</p>	<p>16.1 Introduction</p>
16.2 Scope of Assessment	<p>The assessment of effects on infrastructure and services will focus on issues related to pressures on accommodations, transportation, utilities, communications, education, emergency, social, recreational services and infrastructure.</p>	<p>16.2 Scope of Assessment 16.2.3 Selection of Potential Effects 16.2.4 Selection of Measurable Parameters</p>
	<p>The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to minimizing negative effects on infrastructure and services.</p>	<p>16.2 Scope of Assessment 16.2.1 Regulatory and Policy Setting</p>
	<p>It will also expand on the rationale for the spatial boundaries identified in tables Table 5 and Table 6.</p>	<p>16.2.5 Boundaries 16.2.5.2 Spatial Boundaries</p>

Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
16.3 Baseline Conditions	<p>Baseline conditions will be described as set out in the EIS Guidelines. This section of the EIS/Application will describe the approach and methods used to collect baseline social information (e.g., demographic data, housing information) required to support the assessment, and will identify the sources of this information. Infrastructure and services will be described using statistical information, published reports, academic literature and other qualitative data sources, where appropriate. It will characterize baseline conditions, and will include information relating to:</p> <ul style="list-style-type: none"> <li>▪ Official community plans</li> <li>▪ Regional governance</li> <li>▪ Housing and accommodations</li> <li>▪ Community services</li> <li>▪ Emergency services</li> <li>▪ Sewage and water treatment facilities</li> <li>▪ Garbage collection &amp; disposal and recycling facilities</li> <li>▪ Transportation infrastructure</li> <li>▪ Energy and utilities</li> <li>▪ Communications infrastructure</li> <li>▪ Recreational resources.</li> </ul>	<p>16.3 Baseline Conditions                      16.3.1 Baseline Methods and Data Sources                      16.3.2 Overview of Baseline Conditions                      Table 16-3</p>
16.4 Effects Assessment	<p>The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:</p>	16.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	16.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	<p>16.5.2 Change in Traffic and Pressure on Transportation Infrastructure                      16.5.3 Change in Housing Availability and Affordability                      16.5.4 Change in Infrastructure and Community Services</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
16.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	16.5.2 Change in Traffic and Pressure on Transportation Infrastructure 16.5.2.2 Mitigation 16.5.3 Change in Housing Availability and Affordability 16.5.4.2 Mitigation 16.5.4 Change in Infrastructure and Community Services 16.5.3.2 Mitigation
	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	16.5.2 Change in Traffic and Pressure on Transportation Infrastructure 16.5.2.3 Characterization of Residual Effects for Traffic and Pressure on Transportation Infrastructure 16.5.3 Change in Housing Availability and Affordability 16.5.3.3 Characterization of Residual Effects for Housing Availability and Affordability 16.5.4 Change in Infrastructure and Community Services 16.5.4.3 Characterization of Residual Effects for Infrastructure and Community Services Table 16-5

Application Information Requirements Section	Details of Requirements	EIS/Application Section
16.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on the infrastructure and services will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project. The effects assessment will reference PETRONAS standards and relevant corporate experience developing LNG facilities in other jurisdictions worldwide.</p>	<p>16.5.2 Change in Traffic and Pressure on Transportation Infrastructure</p> <p>16.5.2.5 Determination of Significance of Residual Effects for Traffic and Pressure on Transportation Infrastructure</p> <p>16.5.3 Change in Housing Availability and Affordability</p> <p>16.5.3.5 Determination of Significance of Residual Effects for Housing Availability and Affordability</p> <p>16.5.4 Change in Infrastructure and Community Services</p> <p>16.5.4.5 Determination of Significance of Residual Effects for Infrastructure and Community Services</p> <p>Table 16-5</p> <hr/> <p>16.5.2 Change in Traffic and Pressure on Transportation Infrastructure</p> <p>16.5.3 Change in Housing Availability and Affordability</p> <p>16.5.4 Change in Infrastructure and Community Services</p> <p>16.5.5 Summary of Residual Effects</p>
16.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on infrastructure and services will be provided.	16.6 Cumulative Effects Table 16-6
16.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on infrastructure and services and a conclusion on the significance of these effects.	16.8 Conclusion
<b>17.0 Visual Quality</b>		
17.1 Introduction	This section of the EIS/Application will introduce the assessment of effects on visual quality describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	17.1 Introduction

Application Information Requirements Section	Details of Requirements	EIS/Application Section
17.2 Scope of Assessment	The EIS/Application will consider changes in the visual quality relative to baseline conditions, in consideration of visual quality objectives, and identified important viewpoints.	17.2 Scope of Assessment 17.2.3 Selection of Potential Effects 17.2.4 Selection of Measurable Parameters
	The EIS/Application will also expand on the rationale for the spatial boundaries identified in Table 5 and Table 6. Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined through the assessment process.	17.2.5 Boundaries 17.2.5.2 Spatial Boundaries 17.2.5.3 Administrative and Technical
17.3 Baseline Conditions	This section of the EIS/Application will describe the approach and methods used to collect baseline information required to support the assessment, and will identify the sources of this information. Baseline information related to visual quality will be obtained from the following sources: <ul style="list-style-type: none"> <li>▪ Viewshed analysis of proposed Project facilities to identify area of potential visibility</li> <li>▪ Information interviews to identify potential sensitive viewpoints, including residences and recreation sites</li> <li>▪ Photographic and attribute information from field observations at selected viewpoints.</li> </ul>	17.3 Baseline Conditions 17.3.1 Baseline Methods and Data Sources 17.3.2 Overview of Baseline Conditions Table 17-7 Table 17-8 Table 17-9 Appendix P
17.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	17.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	17.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	17.5.2 Change in Visual Quality
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	17.5.2 Change in Visual Quality 17.5.2.4 Mitigation
<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	17.5.2 Change in Visual Quality 17.5.2.5 Characterization of Residual Effects, Table 17-16	

Application Information Requirements Section	Details of Requirements	EIS/Application Section
17.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on visual quality will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	7.5.2 Change in Visual Quality 17.5.2.7 Determination of Significance of Residual Effects Table 17-16
17.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on visual quality will be provided.	17.5.2. Change in Visual Quality 17.5.3 Summary of Residual Effects
17.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on visual quality and a conclusion on the significance of these effects.	17.6 Cumulative Effects Assessment Table 17-17
<b>18.0 Community Health and Well-Being</b>		
18.1 Introduction	The EIS/Application will introduce the assessment of community health and well-being, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	18.1 Introduction
18.2 Scope of Assessment	<p>The community health and well-being assessment will focus on potential project effects on community health factors in local communities within the LAA.</p> <p>The EIS/Application will include a description of any legislation, guidelines, best management practices, and guidance documents that are relevant to minimizing effects on community health.</p> <p>It will also expand on the rationale for the spatial boundaries identified in Table 6 and Table 7</p> <p>Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be through the assessment process.</p>	18.2 Scope of Assessment 18.2.3 Selection of Potential Effects 18.2.4 Selection of Measurable Parameters  18.2 Scope of Assessment 18.2.1 Regulatory and Policy Setting Table 18-1  18.2.5 Boundaries 18.2.5.2 Spatial Boundaries 18.2.5.3 Administrative and Technical Boundaries

Application Information Requirements Section	Details of Requirements	EIS/Application Section
18.3 Baseline Conditions	<p>This section of the EIS/Application will describe the approach and methods used to collect baseline data required to support the assessment, and will identify the sources of this information.</p> <p>It will characterize baseline conditions, and will include information relating to:</p> <ul style="list-style-type: none"> <li>▪ Local health services and infrastructure</li> <li>▪ Community health determinants/indicators</li> <li>▪ Community cohesion and resilience determinants/indicators</li> <li>▪ Health data such as birth and death rates, disease incidence, accident rates.</li> </ul> <p>Community health conditions will be described using existing and publicly available literature and other data sources, where appropriate.</p>	<p>18.3 Baseline Conditions 18.3.2 Overview of Baseline Conditions</p>
18.4 Effects Assessment	<p>The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:</p>	18.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	18.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	<p>18.5.2 Changes to Social Determinants of Health 18.5.3 Changes to Diet and Nutrition</p>
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	<p>18.5.2. Changes to social determinants of health 18.5.2.2 Mitigation 18.5.3 Changes to Diet and Nutrition 18.5.3.2 Mitigation</p>
<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	<p>18.5.2 Changes to Social Determinants of Health 18.5.2.3 Characterization of Residual Effects 18.5.3 Changes to Diet and Nutrition 18.5.3.3 Characterization of Residual Effects Table 18-12</p>	



Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
18.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Determination of significance</li> </ul> <p>Potential project effects on the community health and well-being will be characterized in context of baseline conditions. The distribution of the potential effects will be discussed. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>18.5.2 Changes to Social Determinants of Health                      18.5.2.5 Determination of Significance                      18.5.3 Changes to Diet and Nutrition                      18.5.3.5 Determination of Significance of Residual Effects                      Table 18-12</p> <p>18.5 Effects Assessment                      18.5.2 Changes to Social Determinants of Health                      18.5.3 Changes to Diet and Nutrition                      18.5.4 Summary of Residual Effects</p>
18.5 Cumulative Effects	<p>An assessment of the proposed Project's potential contributions to cumulative effects on community health and well-being will be provided.</p>	<p>18.6 Cumulative Effects                      Table 18-13</p>
18.6 Conclusion	<p>This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on community health and well-being and a conclusion on the significance of these effects.</p>	<p>18.9 Conclusion</p>
<b>19.0 Human and Ecological Health</b>		
19.1 Introduction	<p>The EIS/Application will introduce the human and ecological health assessment and describe the rationale for its inclusion as a VC. The proposed Project may interact with human or ecological health through a number of pathways:</p> <ul style="list-style-type: none"> <li>▪ Potential degradation of ambient air quality may result in health risks to people or wildlife</li> <li>▪ Increased noise and ambient light levels could affect the health of local people</li> <li>▪ Suspension of historic organic and metal contaminants in sediment during dredging may affect marine biota through direct uptake or through food chain effects, and may also affect humans consuming country foods.</li> </ul>	<p>19.1 Introduction</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
19.2 Scope of Assessment	The human and ecological health assessment in the EIS/Application will focus on issues associated with sensitive human receptors and with ecological receptors (i.e., plants, invertebrates, wildlife). The ecological health risk assessment will evaluate the potential for health risks to ecological receptors as a result of predicted changes to air quality or potential chemical changes to the marine environment related to construction and dredging activity in the marine environment.	19.2 Scope of Assessment 19.2.3 Selection of Potential Effects 19.2.4 Selection of Subcomponents and Measurable Parameters
	The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to minimizing effects on human and ecological health.	19.2 Scope of Assessment 19.2.1 Regulatory and Policy Setting
	It will also expand on the rationale for the spatial boundaries identified in tables Table 5 and Table 6. Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be defined through the assessment process.	19.2.5 Boundaries 19.2.5.2 Spatial Boundaries 19.2.5.3 Administrative and Technical Boundaries
19.3 Baseline Conditions	Baseline conditions will be described as set out in the EIS Guidelines. The baseline conditions for measurable parameters relevant to air, noise, and aquatic effects to human and ecological health will be described in this section. Baseline conditions related to air quality, marine water quality, and sediment quality will be presented.	19.3 Baseline Conditions
19.4 Effects Assessment	The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:	19.5 Effects Assessment
	<ul style="list-style-type: none"> <li>▪ Analytical methods</li> </ul>	19.5.1 Analytical Methods
	<ul style="list-style-type: none"> <li>▪ Assessment of potential effects</li> </ul>	19.5.4 Changes to Human Health 19.5.11 Change to Ecological Health
	<ul style="list-style-type: none"> <li>▪ Mitigation</li> </ul>	19.5.4 Changes to Human Health 19.5.6 Mitigations 19.5.11 Change to Ecological Health 19.5.13 Mitigations

Application Information Requirements Section	Details of Requirements	EIS/Application Section
19.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li> </ul>	19.5.4 Changes to Human Health 19.5.7 Characterization of Residual Effects 19.5.11 Change to Ecological Health 19.5.14 Characterization of Residual Effects Table 19-10
	<ul style="list-style-type: none"> <li>▪ Determination of significance.</li> </ul>	19.5.4 Changes to Human Health 19.5.9 Determination of Significance for Human Health 19.5.11 Change to Ecological Health 19.5.16 Determination of Significance for Ecological Health Table 19-10
	Potential project effects on human and ecological health will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.	19.5.4 Changes to Human Health 19.5.11 Change to Ecological Health 19.5.18 Summary of Residual Effects
19.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on human and ecological health will be provided.	19.6 Cumulative Effects Table 19-11
19.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on human and ecological health and a conclusion on the significance of these effects.	19.5.4 Summary of Residual Effects 19.6.2.4 Summary of Cumulative Effects 19.8 Conclusion
<b>20.0 Archaeological and Heritage Resources</b>		
20.1 Introduction	The EIS/Application will introduce the archaeological and heritage assessment, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	20.1 Introduction
20.2 Scope of Assessment	The archaeological and heritage resources assessment in the EIS/Application will focus on resources including objects and sites identified through the proposed Project Archaeological Impact Assessment (AIA) and through engagement with interested First Nations.	20.2 Scope of Assessment 20.2.3 Selection of Potential Effects
	The EIS/Application will include a description of legislation, guidelines, best management practices, and guidance documents that are relevant to the protection and management of these archaeological resources.	20.2 Scope Assessment 20.2.1 Regulatory and Policy Setting

Application Information Requirements Section	Details of Requirements	EIS/Application Section
20.2 Scope of Assessment (cont'd)	<p>It will also expand on the rationale for the spatial boundaries identified in Table 6 and Table 7.</p> <p>Technical boundaries, which include limitations in scientific information, data analyses, and interpretation, will also be identified through the assessment process.</p>	<p>20.2.5 Boundaries 20.2.5.2 Spatial Boundaries 20.2.5.3 Administrative and Technical Boundaries</p>
20.3 Baseline Conditions	<p>The EIS/Application will provide the following information to characterize the baseline conditions for archaeological and heritage resources:</p> <ul style="list-style-type: none"> <li>▪ Information on the location and nature of previously recorded archaeological sites in the proposed project development area and in the RAA will be obtained through desktop review</li> <li>▪ Detailed AIA field work on Lelu Island and on the mainland in the vicinity of the proposed bridge to Lelu Island</li> <li>▪ Field work on Lelu Island (federal land) will be completed in accordance with BC Association of Professional Archaeologists (APA) professional standards and guidelines of PRPA following federal heritage policies</li> <li>▪ The AIA on the mainland would be conducted in accordance with the British Columbia Archaeological Impact Assessment Guidelines, and under a Heritage Inspection Permit issued by the BC Archaeology Branch pursuant to Section 14 of the Heritage Conservation Act.</li> </ul>	<p>20.3 Baseline Conditions 20.3.2 Overview of Baseline Conditions 20.3.1 Baseline Methods and Data Sources Appendix R Appendix S</p>
20.4 Effects Assessment	<p>The effects assessment will be completed according to the methods outlined in the EIS Guidelines. This will include:</p> <ul style="list-style-type: none"> <li>▪ Analytical methods</li> <li>▪ Assessment of potential effects</li> <li>▪ Mitigation</li> </ul>	<p>20.5 Effects Assessment Appendix R</p> <p>20.5.1 Analytical Methods</p> <p>20.5.2 Destruction or Disturbance of Culturally Modified Trees 20.5.3 Destruction or Disturbance of other Archaeological or Heritage Sites</p> <p>20.5.2 Destruction or Disturbance of Culturally Modified Trees 20.5.2.2 Mitigation 20.5.3 Destruction or Disturbance of other Archaeological or Heritage Sites 20.5.3.2 Mitigation</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
20.4 Effects Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Characterization of residual effects</li>   <li>▪ Determination of significance.</li> </ul>	20.5.2 Destruction or Disturbance of Culturally Modified Trees 20.5.2.3 Characterization of Residual Effects 20.5.3 Destruction or Disturbance of other Archaeological or Heritage Sites 20.5.3.3 Characterization of residual effects 20.5.4 Summary of Residual Effects Table 20-4
	Potential project effects on archaeological and heritage resources will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.	20.5.2 Destruction or Disturbance of Culturally Modified Trees 20.5.2.5 Determination of Significance of Residual Effects 20.5.3 Destruction or Disturbance of other Archaeological or Heritage Sites 20.5.3.5 Determination of Significance Table 20-4
20.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on archaeological and heritage resources will be provided.	20.6 Cumulative Effects
20.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on archaeological and heritage resources and a conclusion on the significance of these effects.	20.8 Conclusion
<b>21.0 Current Use of Lands and Resources for Traditional Purposes</b>		
21.1 Introduction	The EIS/Application will introduce the current use of lands and resources by Aboriginal people, describe the rationale for its selection as a VC, and identify linkages to other sections of the EIS/Application.	21.1 Introduction
21.2 Scope of Assessment	The current use of lands and resources for traditional purposes by Aboriginal people assessment in the EIS/Application will focus on potential effects on access to Lelu Island and the adjacent marine areas.	21.2 Scope of Assessment 21.2.3 Selection of Potential Effects

Application Information Requirements Section	Details of Requirements	EIS/Application Section
21.3 Baseline Conditions	The EIS/Application will describe the current use of lands and resources for traditional purposes by Aboriginal people as set out in the EIS Guidelines.	21.3 Baseline Conditions
21.4 Effects Assessment	<p>The effects assessment will be carried out according to the methods set out in Section 4.1.4 and in a manner that is consistent with and satisfies the objectives of the effects assessment methodology requirements set out in the EIS Guidelines. This will include:</p> <ul style="list-style-type: none"> <li>▪ Analytical method</li> <li>▪ Assessment of potential effects</li> <li>▪ Mitigation</li> <li>▪ Characterization of residual effects</li> <li>▪ Determination of significance.</li> </ul> <p>Potential project effects on current use of lands and resources by Aboriginal people will be characterized in context of baseline conditions. Appropriate mitigation measures will be recommended to reduce potential effects from the proposed Project.</p>	<p>21.5 Effects Assessment</p> <p>21.5.1 Analytical Methods</p> <p>21.5.2 Change in Current Use of Lands and Resources for Traditional Purposes by Aboriginal People</p> <p>21.5.2 Change in Current Use of Lands and Resources for Traditional Purposes by Aboriginal People 21.5.2.2 Mitigation</p> <p>21.5.2 Change in Current Use of Lands and Resources for Traditional Purposes by Aboriginal People 21.5.2.3 Characterization of Residual Effects 21.5.4 Summary of Residual Effects Table 21-7</p> <p>21.5.2 Change in Current Use of Lands and Resources for Traditional Purposes by Aboriginal People 21.5.2.6 Determination of Significance of Residual Effects Table 21-7</p> <p>21.5.2 Change in Current Use of Lands and Resources for Traditional Purposes by Aboriginal People 21.5.4 Summary of Residual Effects</p>
21.5 Cumulative Effects	An assessment of the proposed Project's potential contributions to cumulative effects on current use of lands and resources by Aboriginal people will be provided.	21.6 Cumulative Effects Table 21-8

Table of Concordance between the Application Information Requirements and the EIS/Application

Application Information Requirements Section	Details of Requirements	EIS/Application Section
21.6 Conclusion	This section of the EIS/Application will include a brief summary of the predicted residual effects and cumulative effects of the proposed Project on current use of lands and resources by Aboriginal people and a conclusion on the significance of these effects.	21.9 Conclusion
<b>22.0 Accidents or Malfunctions</b>		
22.0 Accidents or Malfunctions	<p>The assessment of effects of potential accidents or malfunctions will be completed as set out by the EIS Guidelines. The assessment will include an explanation of how those events were identified, and potential consequences (including potential environmental effects).</p> <p>The specific accidents or malfunctions to be considered include:</p>	22 Accidents or Malfunctions
	<ul style="list-style-type: none"> <li>▪ Fuel or hazardous material spills (at the storage or loading facilities from mobile equipment and storage vessels)</li> </ul>	22.6 Scenario 3: Fuel or Hazardous Materials Spills
	<ul style="list-style-type: none"> <li>▪ Emergency flaring and emergency LNG facility shutdown</li> </ul>	22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown
	<ul style="list-style-type: none"> <li>▪ LNG spills as specified in CSA Z276-11</li> </ul>	22.7 Scenario 4: LNG Spills
	<ul style="list-style-type: none"> <li>▪ Explosion and/or fire</li> </ul>	22.5: Scenario 2: Explosion or Fire
	<ul style="list-style-type: none"> <li>▪ Marine vessel collisions (i.e., with the marine terminal, another vessel, or a marine mammal) and groundings.</li> </ul>	22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision
	<p>For each event, the assessment will include:</p> <ul style="list-style-type: none"> <li>▪ A description of the event</li> </ul>	<p>22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown</p> <p>22.4.1 Description of the Possible Scenario</p> <p>22.5: Scenario 2: Explosion or Fire</p> <p>22.5.1 Description of the Possible Scenario</p> <p>22.6 Scenario 3: Fuel or Hazardous Materials Spill</p> <p>22.6.1 Description of the Possible Scenario</p> <p>22.7 Scenario 4: LNG Spills</p> <p>22.7.1 Description of the Possible Scenario</p> <p>22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision</p> <p>22.8.1. Description of the Possible Scenario</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
22.0 Accidents or Malfunctions (cont'd)	<ul style="list-style-type: none"> <li>▪ The methodology for assessing the potential risk of each event</li> </ul>	22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown 22.4.2 Project Design Measures to Reduce Risk 22.5: Scenario 2: Explosion or Fire 22.5.2 Project Design Measures to Reduce Risk 22.6 Scenario 3: Fuel or Hazardous Materials Spill 22.6.2 Project Design Measures to Reduce Risk 22.7 Scenario 4: LNG Spills 22.7.2 Project Design Measures to Reduce Risk 22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision 22.8.2 Project Design Measures to Reduce Risk
	<ul style="list-style-type: none"> <li>▪ Descriptions of consequences</li> </ul>	22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown 22.4.1 Description of the Possible Scenario 22.5: Scenario 2: Explosion or Fire 22.5.1 Description of the Possible Scenario 22.6 Scenario 3: Fuel or Hazardous Materials Spill 22.6.1 Description of the Possible Scenario 22.7 Scenario 4: LNG Spills 22.7.1 Description of the Possible Scenario 22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision 22.8.1. Description of the Possible Scenario



Application Information Requirements Section	Details of Requirements	EIS/Application Section
<p>22.0 Accidents or Malfunctions (cont'd)</p>	<ul style="list-style-type: none"> <li>▪ Descriptions of likelihood of the scenario occurring</li> </ul>	<p>22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown                      22.4.1 Description of the Possible Scenario                      22.5: Scenario 2: Explosion or Fire                      22.5.1 Description of the Possible Scenario                      22.6 Scenario 3: Fuel or Hazardous Materials Spill                      22.6.1 Description of the Possible Scenario                      22.7 Scenario 4: LNG Spills                      22.7.1 Description of the Possible Scenario                      22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision                      22.8.1. Description of the Possible Scenario</p>
	<ul style="list-style-type: none"> <li>▪ The identification of proposed measures to reduce the likelihood of the event</li> </ul>	<p>22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown                      22.4.2 Project Design Measures to Reduce Risk                      22.5: Scenario 2: Explosion or Fire                      22.5.2 Project Design Measures to Reduce Risk                      22.6 Scenario 3: Fuel or Hazardous Materials Spill                      22.6.2 Project Design Measures to Reduce Risk                      22.7 Scenario 4: LNG Spills                      22.7.2 Project Design Measures to Reduce Risk                      22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision                      22.8.2 Project Design Measures to Reduce Risk</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
22.0 Accidents or Malfunctions (cont'd)	<ul style="list-style-type: none"> <li>The assessment of effects and/or consequences that may result from such events</li> </ul>	22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown 22.4.5 Potential Environmental Effects 22.5: Scenario 2: Explosion or Fire 22.5.5 Potential Environmental Effects 22.6 Scenario 3: Fuel or Hazardous Materials Spill 22.6.5 Potential Environmental Effects 22.7 Scenario 4: LNG Spills 22.7.5 Potential Environmental Effects 22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision 22.8.5 Potential Environmental Effects
	<ul style="list-style-type: none"> <li>The identification of measures to mitigate the effects/consequences</li> </ul>	22.4: Scenario 1: Emergency Flaring and LNG Facility Shutdown 22.4.4 Clean-Up and Restoration Methods 22.5: Scenario 2: Explosion or Fire 22.5.4 Clean-Up and Restoration Methods 22.6 Scenario 3: Fuel or Hazardous Materials Spill 22.6.4 Clean-Up and Restoration Methods 22.7 Scenario 4: LNG Spills 22.7.4 Clean-Up and Restoration Methods 22.8: Scenario 5: Marine Vessel Grounding, Collision, or Allision 22.8.4 Clean-Up and Restoration Methods
	<ul style="list-style-type: none"> <li>The conclusions on the potential risk of the accident or malfunction.</li> </ul>	22.10 Conclusion

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>23.0 Effects of the Environment on the Project</b>		
23.0 Effects of the Environment on the Project	<p>The assessment of effects of the environment on the proposed Project will be completed as set out by the EIS Guidelines. The environmental assessment will consider the changes to the proposed Project resulting from the following natural events:</p> <ul style="list-style-type: none"> <li>▪ Extreme storm conditions (a 1 in 100 year storm event)</li> <li>▪ 1 in 2,475 year seismic event</li> <li>▪ Tsunami</li> <li>▪ Forecasted sea level rise resulting from climate change. Where relevant and possible, the implications of such climate induced changes to the extreme weather events given above will also be assessed.</li> </ul> <p>For each of the above environmental factors, the EIS/Application will identify:</p> <ul style="list-style-type: none"> <li>▪ The methodology for assessing the potential risk of an event</li> <li>▪ Descriptions of consequences</li> <li>▪ Descriptions of likelihood of the hazard occurring</li> <li>▪ The assessment of effects and/or consequences that may result from such hazard</li> <li>▪ The identification of measures to mitigate the effects/consequences</li> <li>▪ The conclusions on the potential risk of the effects of the environment to the proposed Project.</li> </ul>	<p>23 Effects of the Environment on the Project                  23.5 Environmental Effects Analysis and Mitigation                  23.5.3 Wind, Tides and Storms                  23.5.4 Seismic Activity and Tsunamis                  23.5.5 Climate Change</p> <p>23.4 Methods</p> <p>23.5 Environmental Effects Analysis and Mitigation</p> <p>23.5 (seismic only) Environmental Effects Analysis and Mitigation</p> <p>23.5 Environmental Effects Analysis and Mitigation</p> <p>23.5 Environmental Effects Analysis and Mitigation</p> <p>23.6 Significance of Effects of Environment on the Project</p>
<b>24.0 Summary of Proposed Environmental and Operational Management Plans</b>		
24.0 Summary of Proposed Environmental and Operational Management Plans	The EIS/Application will provide a list of the environmental management and operational plans for construction and operation of the proposed Project.	24 Environmental Management Plans

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>25.0 Changes to the Environment</b>		
25.0 Changes to the Environment	<p>The changes to the environment from the proposed Project will be described as set out in the EIS Guidelines. The EIS/Application will include sections that summarize the following changes to the environment from the proposed Project:</p> <ul style="list-style-type: none"> <li>▪ Changes to components of the environment within federal jurisdiction</li> <li>▪ Changes to the environment that would occur on federal or trans boundary lands</li> <li>▪ Changes to the environment that are directly linked or necessarily incidental to federal decisions.</li> </ul>	<p>25 Changes to the Environment Table 25-1</p> <hr/> <p>25.1 Changes to Components of the Environment within Federal Jurisdiction</p> <hr/> <p>25.2 Changes to Components of the Environment within Federal Jurisdiction</p> <hr/> <p>25.3 Changes to the Environment that are Directly Linked or Necessarily Incidental to Federal Decisions</p>
<b>26.0 Effects of Changes to the Environment</b>		
26.0 Effects of Changes to the Environment	<p>The effects of changes to the environment from the proposed Project will be described as set out in the EIS Guidelines. The EIS/Application will include sections that describe:</p> <ul style="list-style-type: none"> <li>▪ Effects of changes to the environment with respect to Aboriginal peoples, on: <ul style="list-style-type: none"> <li>• Health and socio-economic conditions</li> <li>• Physical and cultural heritage</li> <li>• Current use of lands and resources for traditional purposes</li> </ul> </li> <li>▪ Any structure, site or thing that is of historical, archaeological, paleontological or architectural significance.</li> <li>▪ Effects of changes to the environment that are directly linked or necessarily incidental to federal decisions, including: <ul style="list-style-type: none"> <li>• Health and socio-economic conditions</li> <li>• Physical and cultural heritage</li> <li>• Any structure, site or thing that is of historical archaeological, paleontological or architectural significance.</li> </ul> </li> </ul>	<p>26 Effects of Changes to the Environment</p> <hr/> <p>26.1 Effects of Changes to the Environment on Aboriginal People</p> <hr/> <p>26.2 Effects of Changes to the Environment that are Directly Linked or Necessarily Incidental to Federal Decisions, Table 26-1</p>

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>27.0 Aboriginal Rights and Related Interests</b>		
27.1 Aboriginal Rights	<p>The discussion of potential effects on Aboriginal Rights from the proposed Project will be provided as set out in the EIS Guidelines. This section of the EIS/Application will also incorporate findings of the VC chapters in the EIS/Application that are relevant to Aboriginal Rights, including proposed mitigation measures. This section applies to Aboriginal groups listed in Schedule B of the section 11 Order.</p>	27.1 Aboriginal Rights
	<p>The Aboriginal groups discussed in this section will include:</p> <ul style="list-style-type: none"> <li>▪ Metlakatla First Nation</li> <li>▪ Lax Kw'alaams First Nation</li> <li>▪ Gitxaala Nation</li> <li>▪ Kitselas First Nation</li> <li>▪ Kitsumkalum First Nation.</li> </ul>	27.1.1 Introduction
	<p>For each Aboriginal group this section will include:</p> <ul style="list-style-type: none"> <li>▪ A description of the Aboriginal rights of each group identified through secondary research techniques or provided directly through consultation activities. This will include background information on ethnography, language, governance, and reserves</li> </ul>	27.1.2 Background Information on Potentially Affected Aboriginal Groups 27.1.4 Information on Each Aboriginal Group's Potential or Established Rights, Figure 27-7
	<ul style="list-style-type: none"> <li>▪ TEK and TLU information, as available</li> </ul>	27.1.2 Background Information on Potentially Affected Aboriginal Groups 27.1.4 Information on Each Aboriginal Group's Potential or Established Rights 27.1.7.2 Incorporation of Traditional Knowledge/Traditional Use Information
	<ul style="list-style-type: none"> <li>▪ A summary of consultation activities</li> </ul>	27.1.3 Summary of Engagement Activities Appendix A
	<ul style="list-style-type: none"> <li>▪ A description of potential adverse effects of the proposed Project on Aboriginal Rights</li> </ul>	27.1.8 Adverse Impacts on Aboriginal and Treaty Rights and Related Interest
	<ul style="list-style-type: none"> <li>▪ A description of measures to avoid or reduce potential adverse effects on Aboriginal Rights</li> </ul>	27.1.9 Measures to Address Impacts on Aboriginal Rights

Application Information Requirements Section	Details of Requirements	EIS/Application Section
27.1 Aboriginal Rights (cont'd)	<ul style="list-style-type: none"> <li>▪ A characterization of the residual adverse effects on Aboriginal Rights after mitigation. A determination of the significance of residual adverse effects on Aboriginal Rights will not be provided.</li> </ul>	27.1.10 Residual Effects – Outstanding Aboriginal Issues
	<ul style="list-style-type: none"> <li>▪ A description of cumulative effects related to the proposed Project assessed in the VC chapters in the EIS/Application that are relevant to Aboriginal rights.</li> </ul>	27.1.2 Cumulative Effects
	<ul style="list-style-type: none"> <li>▪ A summary of any outstanding Aboriginal right issues identified by Aboriginal groups.</li> </ul>	27.1.10 Residual Effects – Outstanding Aboriginal Issues Table 27-17
27.2 Other Matters of Concern to Aboriginal People	<p>Other matters of concern to Aboriginal People (and their related interests) will be discussed as set out in the EIS Guidelines.</p> <p>This section will include:</p> <ul style="list-style-type: none"> <li>▪ An identification of other matters of concern to Aboriginal people with respect to potential social, economic, environmental, heritage and health effects of the proposed project (to the extent not already identified in Section 27.1 above or in Section 21, Current Use of Lands and Resources for Traditional Purposes)</li> </ul>	27.2 Other Matters of Concern to Aboriginal People 27.2.2 Effects on Aboriginal Governance 27.2.3 Effects on Traditional Aboriginal Economic Activities 27.2.4 Effects on Aboriginal Sacred Places and Related Spiritual Traditions
	<ul style="list-style-type: none"> <li>▪ A description of measures to address potential effects on other matters of concern to Aboriginal people</li> </ul>	27.2.2 Effects on Aboriginal Governance 27.2.2.3 Measures to Address Potential Effects 27.2.3 Effects on Traditional Aboriginal Economic Activities 27.2.3.4 Measures to Address Potential Effects 27.2.4 Effects on Aboriginal Sacred Places and Related Spiritual Traditions 27.2.4.3 Measures to Address Potential Effects

Application Information Requirements Section	Details of Requirements	EIS/Application Section
27.2 Other Matters of Concern to Aboriginal People (cont'd)	<ul style="list-style-type: none"> <li>▪ Characterization of the potential effects after mitigation</li> </ul>	27.2.2 Effects on Aboriginal Governance 27.2.2.4 Characterization of Effects after Mitigation  27.2.3 Effects on Traditional Aboriginal Economic Activities 27.2.3.5 Characterization of Effects after Mitigation  27.2.4 Effects on Aboriginal Sacred Places and Related Spiritual Traditions 27.2.4.4 Characterization of Effects after Mitigation
	<ul style="list-style-type: none"> <li>▪ A description of how these matters of concern have been addressed from the perspective of PNW LNG.</li> </ul>	27.2.2 Effects on Aboriginal Governance 27.2.3 Effects on Traditional Aboriginal Economic Activities 27.2.4 Effects on Aboriginal Sacred Places and Related Spiritual Traditions
<b>28.0 Summary of the Assessment</b>		
28.0 Summary of the Assessment	The EIS/Application will provide a summary of the assessment as set out in the EIS Guidelines. This will include a series of tables that summarize the following information:	28 Summary of the Assessment
	<ul style="list-style-type: none"> <li>▪ Potential effects on the environment, adverse impacts on potential Aboriginal rights and related interests, and public concerns</li> </ul>	28.1 Summary of Potential Effects, Adverse Residual Effects and their Significance Table 28-1 28.4 Aboriginal Rights and Related Interests Table 28-5 28.3 Summary of Comments from the Public Table 28-4
	<ul style="list-style-type: none"> <li>▪ Mitigation measures and commitments</li> </ul>	Table 28-2 Table 28-7

Application Information Requirements Section	Details of Requirements	EIS/Application Section
28.0 Summary of the Assessment (cont'd)	<ul style="list-style-type: none"> <li>▪ Residual and cumulative effects</li> </ul>	28.1 Summary of Potential Effects, Adverse Residual Effects and their Significance Table 28-1 28.2 Summary of Cumulative Effects Table 28-3
	<ul style="list-style-type: none"> <li>▪ Significant adverse environmental effects</li> </ul>	28-1 Summary of Potential Effects, Adverse Residual Effects and their Significance Table 28-1
	<ul style="list-style-type: none"> <li>▪ Comments from the public</li> </ul>	28.3 Summary of Comments from the Public Table 28-4
	<ul style="list-style-type: none"> <li>▪ Comments from Aboriginal groups</li> </ul>	28-4 Aboriginal Rights and Related Interests Table 28-5 Appendix A 1 Summary of Engagement
	<ul style="list-style-type: none"> <li>▪ Relationship of VCs to Aboriginal groups rights and related interests.</li> </ul>	28-4 Aboriginal Rights and Related Interests Table 28-5
<b>29.0 Benefits to Canadians</b>		
29.0 Benefits to Canadians	The EIS/Application will provide information on the benefits to Canadians as set out in the EIS guidelines. This will include a description of: <ul style="list-style-type: none"> <li>▪ Changes to the proposed Project since initially proposed</li> </ul>	29.1 Changes to the Project Since Initially Proposed
	<ul style="list-style-type: none"> <li>▪ Benefits of the proposed Project.</li> </ul>	29.2 Benefits of the Project
	The EIS/Application will include the following information: <ul style="list-style-type: none"> <li>▪ Initial capital construction cost estimates including:                             <ul style="list-style-type: none"> <li>• Costs for the land, buildings, and equipment associated with the proposed Project</li> <li>• Indication of the potential for use of local facilities and indication if these are currently under-utilized.</li> </ul> </li> </ul>	29.2.1 Capital Costs
	<ul style="list-style-type: none"> <li>▪ Estimated operating costs over the life of the proposed Project (for land, buildings and equipment) including:</li> </ul>	29.2 Benefits of the Project 29.2.2 Operating and Decommissioning Costs



Application Information Requirements Section	Details of Requirements	EIS/Application Section
29.0 Benefits to Canadians (cont'd)	<ul style="list-style-type: none"> <li>• Estimated annual operating costs (excluding labour)</li> <li>• Indication of how the costs are measured (i.e., current dollar value or Net Present Value)</li> <li>• Anticipated costs for decommissioning/closure/abandonment/reclamation.</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Employment estimates including:                             <ul style="list-style-type: none"> <li>• Direct employment, stated in number of person years, to be created by major job category (e.g., labour, management, business services) during construction and operation, distinguishing among full-time, part-time and seasonal workers</li> <li>• Wage levels, by major job category, for the construction and operating periods</li> <li>• Breakdown of the number of people that will be hired locally, provincially, nationally or internationally for the proposed Project</li> <li>• Potential for PNW LNG to use local human resources that are currently under-utilized</li> <li>• Relevant employment policies/practices</li> <li>• Indirect employment for the construction and operation phases of the proposed Project including any assumptions relating to industry specific multipliers or other multipliers used.</li> </ul> </li> </ul>	29.2 Benefits of the Project 29.2.3 Employment Estimates 29.2.8 Contribution to Community Development 14.3.2.2 Regional Economy 14.5.2 Change in Regional Labour Supply and Demand 14.5.4 Change in Municipal Government Finances Figure 29-3 Table 29-2 Table 29-3
	<p>After determining the proposed Project's staffing needs, PNW LNG will engage with Aboriginal groups, the public and stakeholders to determine their interest and potential for meeting staffing requirements. PNW LNG will potentially support training to assist individuals in meeting the requirements for employment or for providing contractor services. The EIS/Application will provide information on these efforts. The EIS/Application will also provide:</p> <ul style="list-style-type: none"> <li>▪ Contractor supply services estimates including:                             <ul style="list-style-type: none"> <li>• List of the major types of businesses/contractors, broken down at the local, provincial, and national level that would benefit from the proposed Project</li> <li>• Value of supply of service contracts expected for both the construction and operation phases of the proposed Project</li> <li>• Information about PNW LNG's local purchasing strategy, if any.</li> </ul> </li> </ul>	29.2 Benefits of the Project 29.2.4 Contractor Supply Services Estimates

Application Information Requirements Section	Details of Requirements	EIS/Application Section
29.0 Benefits to Canadians (cont'd)	<ul style="list-style-type: none"> <li>▪ Annual government revenues for the construction and operation phases of the proposed Project including:                             <ul style="list-style-type: none"> <li>• Local/municipal (property taxes, other)</li> <li>• Regional District (taxes, other)</li> <li>• Provincial (income tax, sales tax, lease, license and tenure, royalties, other)</li> <li>• Federal (income tax, Goods and Services Tax (GST), payroll taxes, other).</li> </ul> </li> </ul>	29.2 Benefits of the Project 29.2.5 Government Revenues
	<ul style="list-style-type: none"> <li>▪ Anticipated overall contribution to British Columbia's Gross Domestic Product (GDP)</li> </ul>	29.2 Benefits of the Project 29.2.6 Contribution to the British Columbia Economy
	<ul style="list-style-type: none"> <li>▪ Assumptions and reference information sources for the above information</li> </ul>	29.2 Benefits of the Project
	<ul style="list-style-type: none"> <li>▪ Identification of proposed Project's contributions to community development.</li> </ul>	29.2.8 Contribution to Community Development
<b>30.0 Follow-Up Program and Compliance Reporting</b>		
30.0 Follow-Up Program and Compliance Reporting	<p>The EIS/Application will describe the proposed follow-up program in sufficient detail to reliably verify predicted effects (or absence of them), and to confirm both the assumptions and the effectiveness of mitigation.</p> <p>The EIS/Application will provide a clear description of the reporting structure as identified within the EMPs, monitoring plans and commitments, including monitoring required for all permits, authorizations and licenses.</p>	30 Follow-up Program and Compliance Reporting

Application Information Requirements Section	Details of Requirements	EIS/Application Section
<b>31.0 Conclusion</b>		
31.0 Conclusion	<p>The EIS/Application will:</p> <ul style="list-style-type: none"> <li>▪ Provide a summary of PNW LNG understands of the BC environmental assessment process in promoting sustainable development while minimizing effect to environmental, economic, and social, heritage and health values.</li> <li>▪ Provide a description of how the proposed Project aligns with the goal of the BC environmental assessment process.</li> <li>▪ Provide a statement on the overall significance of the proposed Project's effects on the biophysical and human environment and its ability to mitigate them.</li> <li>▪ Request an environmental assessment certificate from the Government of British Columbia and a decision under section 52 of CEAA 2012 from the Canadian Minister of the Environment.</li> </ul>	31 Conclusion