

Environmental Assessment Certificate Application

LNG Canada Export Terminal

Section 22 – Conclusion

October 2014



LNG CANADA
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Joint venture companies



22 CONCLUSION

Environmental assessment in Canada and BC is a regulatory approval process as well as a planning and decision support tool for development. The process promotes sustainable development in BC through consideration of the five pillars of environment, social, economic, health, and heritage. This process facilitates the avoidance and mitigation of potential adverse effects from many projects and activities. This Application addresses the requirements of environmental assessment in Canada under the CEAA 2012 and in BC under the BCEAA by assessing the effects of the Project on VCs relevant to these five pillars.

The environmental assessment process includes consideration of issues and concerns about the Project, raised through engagement with Aboriginal Groups, stakeholders, the public, and regulatory agencies. The specific Aboriginal Groups invited to participate in the development of this Application are Haisla Nation, Gitga'at First Nation, Gitxaala Nation, Kitselas First Nation, Kitsumkalum First Nation, Lax Kw'alaams First Nation, and Metlakatla First Nation. The Métis Nation British Columbia was provided with correspondence and information about the Project.

Project residual effects and cumulative effects (after mitigation) are expected to be not significant for all VCs for each of the five pillars, with the exception of possibly significant cumulative effects limited to the following VCs:

- community health and wellbeing, because of an increased demand for health infrastructure and services due to an anticipated overlap of facility based projects, and
- infrastructure and services, based on the assessed increase in permanent population stemming from simultaneous construction of large projects and its effects on housing availability and affordability.

Effects are also expected to be not significant for effects of the environment on the Project and for accidents or malfunctions with the specific exception of conservative assessments for risk of explosion or fire, and vessel grounding and collision and the potential effects that may occur on SARA-listed species. The likelihood of such an event is low; however, the consequence could be high, depending on the time of year and severity of event, resulting in an immediate term potentially significant event.

Mitigation measures to address section 5(1)(c) factors are a combination of measures to address the potential effects on specific VCs assessed in Part B and additional mitigation measures developed to respond directly to the specific section 5(1)(c) factor. Based on the mitigation, LNG Canada considers the potential effects on section 5(1)(c) factors to be adequately addressed. LNG Canada will continue to consult Aboriginal Groups throughout the Application Review phase on the potential adverse effects of the Project.

The Project will directly and indirectly create between 0.7 million and 1.4 million person years (PYs) of employment in Canada during construction, operation, and decommissioning, and will generate between \$18 billion and \$39 billion in tax revenues for the Government of Canada, exclusive of corporate income taxes paid during the operations phase. Twenty percent of total construction costs, 53% of annual operating costs and 81% of decommissioning costs will be spent in BC, creating between 351,000 and 764,000 PYs of employment in BC during construction, operation, and decommissioning and providing between \$18 billion and \$41 billion in revenues for the provincial government.

Subsequent to consideration of the content provided in this Application, LNG Canada Development Inc. requests that the federal Minister of the Environment issue a decision statement under section 52 of CEAA 2012, and that the Province of BC issue an EAC for the Project to proceed. LNG Canada Development Inc. is committed to undertaking subsequent permitting and authorization processes and not beginning construction, operation, and decommissioning of the Project until project approval is received.