

Cedar LNG Project  
Canadian Environmental Assessment agency  
410-701 West Georgia Street  
Vancouver BC  
October 16, 2019

The Cedar,LNG project requires Federal review and should be designated to a joint review panel. The Request by the Province of the BC to provide substitution for the environmental assessment of the project should be denied of the following reasons. The BC environmental act is not equivalent to the Federal act in rigor in particular areas such as species at risk and marine components. As well the provincial assessment does not provide active meaningful public participation nor does it offer any participant funding. Public hearings through a joint review panel would allow the public to actively participate in the assessment.

Cumulative impacts need to be reviewed vigorously with the Kitimat Valley and Douglas Channel already Impacted by an aluminum smelter, a large LNG facility being constructed and a past history of a pulp mill, a methanex plant, a sawmill and historical logging.

The project will increase local and regional air emissions. Air quality of the Kitimat valley is currently challenged by increased SO<sub>2</sub> levels from the smelter along with the LNG Canada project being constructed that will increase air emissions of SO<sub>2</sub> and NO<sub>2</sub> and particulate. The human health effects of air quality of the Kitimat valley are a concern for the people and there has been no study to indicate otherwise. The air emissions also impact the land base with acidification of soils and fresh waters and its consequences.

Productive fish habitat has been compromised historically and currently by projects along with smaller developments. Impacts of the proposed facility on the waters along the linear development of the pipelines need to be considered. It must be considered as a further stressor that salmon will be further compromised by the change of water flows timing, temperature and volume as the climate shifts and melts and eliminates the glaciers feeding these waters.

The linear development of the pipeline along with its impacts cumulatively on the landscape need to be factored in with concerns over fish habitat and amphibians, impacts on grizzly bears and caribou. Linear development compromises connectivity of the landscape and increases access for disturbance.

Marine activity will be increased as a result of the project with impact on marine habitat, fish and mammal. These need to be thoroughly assessed .

It needs to be considered that there will be significant social impacts during construction that will impact a community and region already overloaded and challenged by large development. The communities impacted continue to go through devastating boom and bust cycles that destroy diversity of communities and its stability

Land stability of the Kitimat Valley and the Douglas channel need thorough investigation due to the abundance of marine clays and the seismic activity.

Finally the impacts of this project on climate and the ability of Canada and BC to meet its climate goals need to be considered. The consideration should include all upstream implications of gas exploration and its retrieval, transportation of the gas and the liquefaction to the shipping of the LNG product from Canadian waters as well as the construction of the project.

Please consider these points and ensure a joint federal review is conducted.

Yours truly,  
Cheryl Brown