



Attachment 1: Chronology of key PNW LNG modeling studies and corresponding NRCan technical submissions to support the assessment of modeling of potential effects of marine structures on site hydrodynamics, sedimentation and fish & fish habitat

October 2014 – January 2016

Date	Document	Author
October 6, 2014	PNW LNG Project Design Mitigation Final Report	PNW LNG
November 25	DRAFT Hatch Report: <i>Potential Impacts of the Marine Terminal Structures on the Hydrodynamics and Sedimentation Patterns</i>	PNW LNG
December 9	NRCan comments on the Hatch Report: <i>Potential impacts of the marine terminal structures on the hydrodynamics and sedimentation patterns.</i>	NRCan
December 15	PNW LNG Responses to NRCan Dec. 9 comments on the Hatch Report	PNW LNG
January 9, 2015	Review of PNW LNG Response to NRCan's December 9 comments on Hatch report	NRCan
February 23	Draft Terms of Reference (ToR) Outline for the 3D Modelling Exercise	PNW LNG
February 26	NRCan comments on the Draft ToR Outline	NRCan
February 27	Draft ToR for the 3D modelling	PNW LNG
March 3	NRCan review of Feb.27 draft ToR for 3D Modeling	NRCan
March 4	PNW LNG Revised ToR for 3D Modeling	PNW LNG
March 6	NRCan review of March 4 draft ToR for 3D Modeling	NRCan
March 10	PNW LNG Revised TOR for 3D Modeling	PNW LNG
March 11	NRCan review of March 10 draft ToR for 3D Modelling	NRCan
March 19	Final ToR for 3D modeling	PNW LNG/CEAA
March 30	PNW LNG: Preliminary 3D Modeling Results for Natural Conditions	PNW LNG
April 8	NRCan comments PNW LNG Preliminary 3D Modeling Results for Natural Conditions	NRCan
April 16	PNW LNG: Preliminary 3D Modeling Results for post construction conditions	PNW LNG
April 21	NRCan comments: PNW LNG Preliminary 3D Modeling Results for post construction conditions	NRCan
May 5	PNW LNG response to Feb.23 information request (IR)	PNW LNG
May 5	PNW LNG - Predicted Project Effects on Fish and Fish Habitat – response to IR	PNW LNG
May 5	PNW LNG: Appendix B – 3D Modeling of Potential Effects of Marine Structures on Site Hydrodynamics and Sedimentation	PNW LNG
May 5	PNW LNG: Appendix C Report on Water Clarity- Baseline Characterization of Water Clarity, Total Suspended Solids, Turbidity on Flora Bank and Adjacent Habitats	PNW LNG
May 5	PNW LNG Predicted Project Effects on Fish and Fish Habitat	PNW LNG
May 10	Technical memo – response to outstanding NRCan and DFO questions on 2 D Model	PNW LNG
May 29	NRCan technical review of PNW LNG - Modeling of Potential Effects of Marine Structures on Site Hydrodynamics and Sedimentation (May 5)	NRCan
June 17	PNW LNG - Updated 3 D Modeling Work Plan	PNW LNG
June 26	NRCan comments on PNW LNG Updated 3 D Modeling Work Plan	NRCan
July 13	PNW LNG: Updated 3D Modeling Workplan	PNW LNG
September 16	PNW LNG: DRAFT 3D Modeling Update Report	PNW LNG
September 29	NRCan's preliminary comments on PNW LNG DRAFT 3D Modeling Update Report	NRCan
October 16	NRCan's review of PNW LNG DRAFT 3D Modeling Update Report	NRCan
November 10	PNW LNG Supplemental Modelling Report For 3D Modelling Update	PNW LNG
January, 2016	NRCan's Response to CEAA's November 12, 2015 Request for Advice and Assessment of the PNW LNG 3D Modelling Update (November, 2015)	NRCan