


**Appendix G.4**  
**Marine Resources**  
**Information Request #10**

December 12, 2014

Catherine Ponsford  
Project Manager  
Canadian Environmental Assessment Agency  
Pacific and Yukon Regional Office  
410-701 Georgia Street West  
Vancouver, BC V7Y 1C6



Dear Ms. Ponsford:

**Reference: Marine Resources Information Request #10**

This letter responds to the request for Outstanding Information received from the Canadian Environmental Assessment (CEA) Agency on August 14, 2014.

**Information Request #10**

**DFO - Outstanding Information:**

*The requested information regarding maintenance dredging has not been provided and is required to understand the project impacts. Dredging every two years for an extended period of time has the potential to result in long term impacts on fish and marine mammals. Duration, timing and volume of maintenance dredging are required to understand the extent of potential impacts and significance of residual effects. Please provide this information.*

**EC - Outstanding Information:**

*Estimates of anticipated maintenance dredging volumes and frequency are required to understand the effects of the project throughout its lifecycle. Please provide this information.*

**PNW LNG – Response:**

Modelling results from the technical memo on Maintenance Dredging at the Materials Offloading Facility (MOF) (Hatch 2014) (see Appendix G.19 if the EIS Addendum) predict that sedimentation rates within most of the MOF dredge area will be 0 to about 5 cm/year, with a small area (<100 m<sup>2</sup>) at the northern shore of the MOF having the maximum sedimentation rates. Sedimentation in this area would not affect navigability in the MOF, and thus, no need for regular or cyclical maintenance dredging has been identified for the MOF.

**Closure**

This letter provides the Outstanding Information requested by the Government of Canada. If you have any questions, please contact PNW LNG.

**References**

Hatch. 2014. *Maintenance Dredging at the Materials Offloading Facility*. Project Memo prepared for Pacific NorthWest LNG, Lelu Island LNG Project. Reference no. H345670. November 26, 2014.