

Environmental Assessment Review Form	
Operator	Seitel Canada Ltd.
Activity	2D/3D/4D Ship-borne Marine Seismic including Ocean Bottom Nodes, Echo Sounder, Side-scan Sonar, Gravity and Magnetic surveys.
Location (Geographic Scope)	Eastern, Northern and Southern Newfoundland
Temporal Scope	Between 1 May and 30 November, 2016 through 2025
Project Description Submission Date	November 3, 2015
Scoping Document Publication Date	December 21, 2015

EA Coordinator Has a determination on the significance of adverse environmental effects been made on this project in the past?
 (Check one) YES NO

File Number: 34006-020-001		
Documents Assessed	Title	Date
EA Report	<i>Environmental Assessment of Seitel's East Coast Offshore Seismic Program, 2016-2025</i>	February 26, 2016
Final EA or Addendum	<i>Environmental Assessment of Seitel's East Coast Offshore Seismic Program, 2016-2025 Addendum</i>	December 6, 2016
Determination on Significance of Adverse Environmental Effects		
<p><input checked="" type="checkbox"/> The project is not likely to cause significant adverse environmental effects.</p> <p>The project is likely to cause significant adverse environmental effects that cannot be justified in the circumstances.</p> <p>The project is likely to cause significant adverse environmental effects that can be justified in the circumstances.</p> <p>It is uncertain whether the project will result in significant adverse environment effects, or public concerns warrant reference to a mediator or a review panel.</p>		

GOVERNMENT DEPARTMENTS INVOLVED
√ Fisheries and Oceans Canada
√ Environment and Climate Change Canada
√ National Defence
√ Transport Canada
√ Health Canada
√ Natural Resources Canada
√ NL Fisheries and Aquaculture
√ NL Environment and Climate Change
√ NL Natural Resources
√ Nunatsiavut Government
√ Other (One Ocean, FFAW-Unifor, Ocean Choice International, Association of Seafood Producers, Groundfish Enterprise Allocation Council)

RECOMMENDED CONDITIONS FOR AUTHORIZATION
<p>As a condition of authorization, the Operator will be required to implement and honor the mitigation measures and commitments made within the Environmental Assessment.</p> <p>The following conditions are recommended to be appended to authorizations granted by the C-NLOPB for the program, as described in the environmental assessment reports referenced above.</p> <ul style="list-style-type: none"> • <i>The Operator shall implement or cause to be implemented, all the policies, practices, recommendations and procedures for the protection of the environment included in or referred to in the Application and in the “Environmental Assessment of Seitel’s East Coast Offshore Seismic Program 2016-2025 (LGL Limited February 2016), and the “Environmental Assessment of Seitel’s East Coast Offshore Seismic Program 2016-2025 Addendum (LGL Limited December 2016).</i> • <i>The Operator, or its contractors, shall shut down the seismic airgun array if a marine mammal or sea turtle listed as Endangered or Threatened (as per Schedule 1 of SARA) is observed in the safety zone during ramp- up procedures and when the array is active. The safety zone shall have a radius of at least 500 m, as measured from the centre of the air source array(s).</i> • <i>No later than January 31 of the following calendar year, the Operator shall submit a report to the C-NLOPB describing the progress, including potential environmental effects, the implementation of mitigation measures, and Inuit-specific opportunities. It shall include, but not be limited to, copies of the Fisheries Liaison Officer (FLO), marine mammal observer (MMO), and seabird observer reports that were produced during the program.</i>

SIGN-OFF

Original signed by Elizabeth Young

EA Coordinator

January 9, 2017

Original signed by Dave Burley

Director of Environmental Affairs

January 9, 2017