

Field Studies Information Sheet – April 2015

Port Metro Vancouver is continuing field studies in April 2015 as part of ongoing environmental and technical work for the proposed Roberts Bank Terminal 2 Project.

Roberts Bank Terminal 2 Project

The Roberts Bank Terminal 2 Project is a proposed new three-berth container terminal what would provide 2.4 million twenty-foot equivalent units (TEUs) of additional container capacity annually. The Project is part of the Container Capacity Improvement Program, Port Metro Vancouver’s long-term strategy to deliver projects to meet anticipated growth and demand for container capacity until 2030.

No decision has been made to proceed with the proposed Roberts Bank Terminal 2 Project. Port Metro Vancouver is undertaking a comprehensive multi-round, multi-year community, stakeholder and public consultation process regarding the project, which began in June 2011 with Pre-Consultation, continuing in October/November 2012 with Project Definition Consultation, in October/November 2013 with Pre-Design Consultation, and in September/October 2014 with consultation regarding Proposed Environmental Mitigation Concepts. Please visit www.portmetrovancover.com/RBT2 for more information, including current and past consultation materials.

The proposed Roberts Bank Terminal 2 Project will be subject to an environmental assessment by an independent review panel.

Field Studies – April 2015

An overview of field studies that will be taking place in April 2015 is below.

Overview
Marine Invertebrates
Orange Sea Pen Pilot Transplant Monitoring
Coastal Geomorphology
Abiotic Parameters Study
Marine Mammals
Marine Mammal Observation Study

Some field studies may require access to public and private land. Port Metro Vancouver will obtain permission before accessing private property. As part of the Adaptive Management Strategy developed as part of the Deltaport Third Berth Project, Port Metro Vancouver will continue studies at Roberts Bank in addition to those outlined in this information sheet.

Port Metro Vancouver will produce monthly field studies information sheets summarizing work to occur each month. These updates will be available at www.portmetrovancover.com/RBT2.

Study Name	Summary
<p>Marine Invertebrates – Orange Sea Pen Pilot Transplant Monitoring</p>	<p><u>Purpose:</u> To monitor the effectiveness of the pilot orange sea pen transplant completed in August 2014.</p> <p><u>Study Area:</u> Roberts Bank subtidal sea bed.</p> <p><u>Methods:</u> Evaluating the health and density of transplanted orange sea pens via vessel-based SCUBA and drop cameras.</p> <p><u>Timing:</u> Dive monitoring will take place in April 2015 during daylight hours.</p>
<p>Coastal Geomorphology – Abiotic Parameters Study</p> <p>(continued from March 2015)</p>	<p><u>Purpose:</u> To determine the physical conditions (e.g., temperature and salinity) influencing biofilm presence and distribution at Roberts Bank.</p> <p><u>Study Area:</u> Roberts Bank in the upper and mid intertidal zones north of the Roberts Bank causeway.</p> <p><u>Methods:</u> Water quality measurements (conductivity, temperature and depth) will be recorded in the mid and upper intertidal zones of Roberts Bank.</p> <p><u>Timing:</u> To continue in April 2015.</p>
<p>Marine Mammals – Marine Mammal Observation Study</p> <p>(continued from March 2015)</p>	<p><u>Purpose:</u> To document marine mammal presence and behaviour in the waters surrounding the marine terminals at Roberts Bank.</p> <p><u>Study Area:</u> The waters in the vicinity of the marine terminals at Roberts Bank.</p> <p><u>Methods:</u> A ground-based remote video surveillance system may be used to observe the proposed project footprint for marine mammals.</p> <p><u>Timing:</u> To continue in April 2015 during daylight hours.</p>

For Further Information

For further information, please visit our website at www.portmetrovancover.com/RBT2
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