

Field Studies Information Sheet –October 2018

The Vancouver Fraser Port Authority is continuing field studies in October 2018 as part of ongoing environmental and technical work for the Roberts Bank Terminal 2 Project.

Roberts Bank Terminal 2 Project

The [Roberts Bank Terminal 2 Project](#) is a proposed new three-berth container terminal that would provide 2.4 million TEUs of additional container capacity annually. The Roberts Bank Terminal 2 Project is undergoing a federal environmental assessment by an independent review panel, under the *Canadian Environmental Assessment Act, 2012*, and requires other permits and authorizations before it can proceed. Please visit www.portvancouver.com/RBT2 for more information, including past consultation materials to learn more about the project.

Field Studies –October 2018

An overview of field studies that will be taking place in October 2018 is below.

Overview
Coastal Geomorphology
Abiotic Parameters Study
Marine Invertebrates
Orange Sea Pen Pilot Transplant Monitoring
Marine Vegetation
Aerial Photography Survey

Some field studies taking place in October require environmental authorizations and/or access to public and private land. Prior to starting any studies, the port authority will obtain any required permits and landowner permission before accessing private property.

The port authority has produced monthly field studies information sheets summarizing work planned during that month. Past updates regarding the Roberts Bank Terminal 2 Project are available at www.portvancouver.com/RBT2.

Study Name	Summary
<p>Coastal Geomorphology – Abiotic Parameters Study</p> <p>(continued from September 2018)</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> This study will continue in October 2018.</p>
<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 October during daylight hours.</p>

Study Name	Summary
Marine Vegetation – Aerial Photography Survey	<p><u>Purpose:</u> To obtain aerial photography imagery of marine habitats bordering the north side of the Roberts Bank causeway.</p> <p><u>Study Area:</u> Intertidal habitat bordering the north side of the Roberts Bank causeway.</p> <p><u>Methods:</u> Photographic imagery of marine habitat may be collected. Ground truthing of habitat types in the survey area may also be conducted at predetermined locations.</p> <p><u>Timing:</u> This study may continue in October 2018.</p>

For Further Information

For further information, please visit our website at portvancouver.com/RBT2 or contact us:

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