

**Field Studies Information Sheet – May 2018**

The Vancouver Fraser Port Authority is continuing field studies in May 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](http://www.portvancouver.com/RBT2) for more information, including past consultation materials.

**Field Studies – May 2018**

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

<b>Overview</b>
<b>Biofilm</b>
Biofilm Dynamics Study
<b>Coastal Geomorphology</b>
Abiotic Parameters Study

Some field studies taking place in May may 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](http://www.portvancouver.com/RBT2).

Study Name	Summary
<b>Biofilm – Biofilm Dynamics Study</b>  (continued from April 2018)	<p><u>Purpose:</u> To assess factors influencing biofilm community dynamics at Roberts Bank.</p> <p><u>Study Area:</u> Roberts Bank upper intertidal zone.</p> <p><u>Methods:</u> Biologists will collect sediment samples from the Roberts Bank upper intertidal zone and may analyze the samples for biofilm species composition and indicators of nutritional value to shorebirds. Abiotic parameters (temperature, salinity and depth) will be monitored at the sampling locations during this study.</p> <p><u>Timing:</u> This study will continue in May 2018 during daylight hours.</p>
<b>Coastal Geomorphology – Abiotic Parameters Study</b>  (continued from April 2018)	<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 May 2018.</p>

**For Further Information**

For further information, please visit our website at [portvancouver.com/RBT2](http://portvancouver.com/RBT2) or contact us:

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