

**Field Studies Information Sheet – September 2019**

The Vancouver Fraser Port Authority is continuing field studies in September 2019 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, to learn more about the project.

**Field Studies – September 2019**

An overview of field studies that will be taking place in September 2019 is below.

<b>Overview</b>
<b>Coastal Geomorphology</b>
Abiotic Parameters Study
<b>Marine Vegetation</b>
Intertidal Habitat Survey

Some field studies taking place in September 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>Coastal Geomorphology – Abiotic Parameters Study</b>  (continued from August 2019)	<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 September 2019.</p>
<b>Marine Vegetation – Intertidal Habitat Survey</b>  (continued from August 2019)	<p><u>Purpose:</u> To obtain aerial photographs and field data on the distribution and density of marine vegetation in the Roberts Bank intertidal zone.</p> <p><u>Study Area:</u> The intertidal zone at Roberts Bank, and directly adjacent riparian habitat.</p> <p><u>Methods:</u> Aerial photographs of the intertidal flats will be collected during a low tide. Habitat surveys will be completed by biologists to document the species composition and density of habitat forming marine vegetation types (e.g., eelgrass and intertidal marsh). Bare intertidal flats will also be classified according to the substrate types (e.g., mud flat, or percent sand, gravel, rock).</p> <p><u>Timing:</u> This study began in August and may continue in September 2019.</p>

**For Further Information**

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

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