

Field Studies Information Sheet – April 2020

At the port authority, as we respond to the extraordinary circumstances of COVID-19, the safety and health of our employees, customers, operators and stakeholders is our top priority.

The Vancouver Fraser Port Authority is continuing field studies in April 2020 as part of ongoing environmental and technical work for the Roberts Bank Terminal 2 Project. Due to the quickly-evolving nature of COVID-19, the fieldwork noted below may be subject to change. We will communicate any field studies updates on [field studies webpage](#).

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 and requires other permits and authorizations before it can proceed. Please visit the [project website](#) for more information, including past consultation materials, to learn more about the project.

Field Studies – April 2020

An overview of field studies that will be taking place in April 2020 is below.

Overview
Coastal Geomorphology
Abiotic Parameters Study
Marine Fish
Juvenile Salmon Baseline Sampling

Some field studies taking place in April 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 [here](#).

A description of each field study listed above is provided on the following page.

Study Name	Summary
Coastal Geomorphology –Abiotic Parameters Study	<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 April 2020.</p>
Marine Fish – Juvenile salmon baseline sampling	<p><u>Purpose:</u> To collect baseline data on the density and distribution of juvenile salmon, including chum (<i>Oncorhynchus keta</i>) and Chinook (<i>Oncorhynchus tshawytscha</i>) to support the development of a juvenile salmon follow-up program.</p> <p><u>Study Area:</u> The intertidal and subtidal areas north and south of the Roberts Bank causeway, as well as the intertidal marsh habitats seaward of Westham Island.</p> <p><u>Methods:</u> Juvenile salmon data will be collected in the intertidal zone using beach seine net during the daytime hours. Beach seines will be deployed on foot from the shoreline and three seine hauls will be collected during each sampling event.</p> <p><u>Timing:</u> Intertidal sampling locations will be visited four times in the spring (April and May) and four times in the summer (June and July). Subject to the issuance of permits, field work is expected to start as early as April 18, 2020.</p>

For further information

For further information, please visit our [project website](#) or contact us at:

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