



Roberts Bank Terminal 2 Project

Field studies information sheet – November 2023

The Vancouver Fraser Port Authority is continuing field studies in November 2023 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 future marine container terminal in Delta, B.C. that will provide 2.4 million twenty-foot equivalent units (TEUs) of additional container capacity annually. The project was approved by the federal government in April 2023, received an environmental assessment certificate from the provincial government in September 2023, and requires other permits before construction can begin.

Field studies – November 2023

An overview of field studies that will be taking place in November 2023 is provided below:

Overview
Coastal geomorphology
Abiotic parameters study
Marine sediment and water quality
Water column suspended sediment monitoring

Field studies 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 may also be conducting other fieldwork in November to continue to develop proposed offsetting projects at a variety of locations. Updates on this work will be posted to the [field studies webpage](#) as required.

The port authority has produced monthly field studies information sheets summarizing work planned during each month. Visit our website to [view past updates](#) regarding the Roberts Bank Terminal 2 Project. A description of each field study listed above is provided below.

Study name	Summary
<p>Coastal geomorphology – Abiotic parameters study</p>	<p><u>Purpose:</u> To determine water column physical conditions e.g., temperature and salinity, 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 November 2023.</p>
<p>Marine sediment and water quality – Water column suspended sediment monitoring</p>	<p><u>Purpose:</u> To collect data on existing water column turbidity and total suspended sediment (TSS) levels near the project area.</p> <p><u>Study area:</u> Subtidal areas offshore of Roberts Bank.</p> <p><u>Methods:</u> Monitor turbidity and TSS using a combination of continuous turbidity data loggers attached to a moored monitoring buoy. Periodic monitoring of TSS will occur from a small vessel via grab samples, which will be analyzed at a lab.</p> <p><u>Timing:</u> This study will continue in November 2023.</p>

For further information

Visit our website at portvancouver.com/RBT2 or email container.improvement@portvancouver.com.