



# Roberts Bank Terminal 2 field studies information sheet: late 2024 to early 2025

## Recent and ongoing field studies

The Vancouver Fraser Port Authority is continuing field studies as part of our ongoing environmental and technical work for the Roberts Bank Terminal 2 Project. In the table below, we have provided descriptions of each field study taking place between late 2024 and early 2025. Information on previous field studies is available on our website.

Study name	Summary
Coastal geomorphology: abiotic parameters study	<ul style="list-style-type: none"> <li>• Purpose: to determine water column physical conditions e.g., temperature, salinity, at Roberts Bank</li> <li>• Study area: Roberts Bank in the upper and mid-intertidal zones north of the Roberts Bank causeway</li> <li>• Methods: water quality measurements (conductivity, temperature, and depth) will be recorded in the mid and upper intertidal zones of Roberts Bank</li> <li>• Timing: this study continues monthly</li> </ul>
Marine sediment and water quality: water column suspended sediment monitoring	<ul style="list-style-type: none"> <li>• Purpose: to collect data on existing water column turbidity and total suspended sediment (TSS) levels near the project area</li> <li>• Study area: subtidal areas offshore of Roberts Bank</li> <li>• Methods: 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.</li> <li>• Timing: this study took place between April and July 2024 and is now complete</li> </ul>
Juvenile salmon density and distribution: 2025 data collection	<ul style="list-style-type: none"> <li>• Purpose: to collect data on juvenile salmon to continue to build a robust pre-construction dataset that will inform our follow-up program</li> <li>• Study area: Roberts Bank causeway and Westham Island</li> <li>• Methods: sampling will be conducted using a purse seine at beach and shore tied locations, as well as spot sampling. We are in discussions with First Nations to provide field work opportunities and contract a First Nations-owned vessel operator.</li> <li>• Timing: this study will take place from late February 2025 until late June 2025</li> </ul>

Field studies may require environmental authorizations and/or access to public and private land. Prior to starting these studies, the port authority will obtain any required permits and landowner permission before accessing private property. The port authority may also conduct fieldwork to advance proposed offsetting projects at a variety of locations. Updates on this work will be posted to our website.

## About the project

Roberts Bank Terminal 2 is a future marine container terminal in Delta, B.C., led by the Vancouver Fraser Port Authority, that will deliver critical capacity and supply chain resilience. In 2023, the project received

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approval from the federal government and an environmental assessment certificate from the provincial government, following a rigorous environmental assessment.

### **For more information**

Visit our website at [portvancouver.com/RBT2](https://portvancouver.com/RBT2) or email [container.improvement@portvancouver.com](mailto:container.improvement@portvancouver.com).