

Field Studies Information Sheet – October 2017

The Vancouver Fraser Port Authority is continuing field studies in October 2017 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 for more information, including past consultation materials.

Field Studies – October 2017

An overview of field studies that will be taking place in October 2017 is below.

Overview
Atmospheric Noise
Noise Measurement and Observation
Atmospheric Noise
Traffic Volume Study
Coastal Geomorphology
Abiotic Parameters Study

Some field studies taking place in October 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.

Study Name	Summary
Atmospheric Noise – Noise Measurement and Observation	<p><u>Purpose</u> To collect noise measurement data concurrently with in-person observations of activities taking place in the surrounding area.</p> <p><u>Study Area</u> VFPA permanent noise monitoring station on Tsawwassen First Nation Land.</p> <p><u>Methods</u> Field engineers will attend the permanent noise monitoring station, recording observations while the monitor collects data.</p> <p><u>Timing</u> Partial coverage over two 24-hour periods in October 2017, one week day and one weekend day.</p>
Atmospheric Noise – Traffic Volume Study	<p><u>Purpose</u> To collect updated traffic volume data in the local study area for noise and vibration.</p> <p><u>Study Area</u> Selected intersections including: Tsawwassen Drive North at Highway 17; 41B Street at 27B Avenue; and Deltaport Way at 41B Street.</p> <p><u>Methods</u> Field engineers will set up traffic-count equipment at the selected intersections, and may attend the monitoring for a period of time to record observations.</p> <p><u>Timing</u> A one week (7 day) period in October 2017</p>

Study Name	Summary
Coastal Geomorphology – Abiotic Parameters Study (continued from September 2017)	<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 is anticipated to continue in October 2017.</p>

For Further Information

For further information, please visit our website at portvancouver.com/RBT2 or contact us:

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