



Tsawwassen Container Examination Facility (TCEF)



To facilitate the growth of Canadian trade and in direct response to the anticipated growth in container traffic at Roberts bank as well as meet Canada Border Services Agency (CBSA) inspection targets, Port Metro Vancouver is building a new container examination facility to strengthen Canada's Pacific Gateway. The Tsawwassen Container Examination Facility (TCEF) will augment the severely constrained facility in Burnaby and will initiate the new CBSA marine container examination process focusing on technology (scans) and less on manual inspections. The facility will be consistent with the Canada Customs Act which requires that adequate facilities be provided for the proper detention and examination of imported goods.

The project also supports Port Metro Vancouver's sustainability initiatives by eliminating a significant volume of existing and projected truck traffic from Roberts Bank to the existing inspection facility in Burnaby. Elimination of this traffic will reduce greenhouse gas emissions by an average of 2,000 tonnes per year, and will also improve supply chain efficiency.

The TCEF project furthers Port Metro Vancouver's commitment to identifying greater opportunities for Aboriginal entrepreneurs and businesses that increase capacity within Aboriginal communities in particular, the Port's agreement with the Tsawwassen First Nation (TFN) Construction/Matcon Civil Joint Venture for the site preparation work, and selection of the Tsawwassen First Nation industrial lands as the project site are in keeping with this commitment.

Key elements of the project are:

- TCEF is located on a 4.5 ha (11.4 acre) site within the Tsawwassen First Nation industrial lands. It is adjacent to the 41B Street overpass, providing excellent access to Deltaport Way, and is 5 kilometres from Deltaport and the proposed Roberts Bank Terminal 2 Project.
- The TCEF facility will be a dual purpose complex, which will be used by CBSA for the inspection of shipping containers imported through the Deltaport Terminal and as a general purpose warehouse facility.
- Proposed Building size is 10,500 m² with CBSA occupying part of the space. It is proposed that the remaining space be occupied by a CEF service operator, which will allow the operator to also operate a separate commercial space.
- The project includes construction of a storage/parking area of approximately 8.5 acres.

Owner/ Project Manager: Port Metro Vancouver
Project Designer: Architecture 49
Early Works Contractor: TFN Construction/ Matcon Civil Joint Venture
Project Budget: Approximately \$33 million, with \$3.3 million from Transport Canada

Anticipated Timelines:

Planning Phase to May 2015
Design and Building Permitting to April 2016
Site Preparation and Pre-Load to April 2016
Construction from April 2016 to September 2017

Facts and statistics for the Tsawwassen Container Examination Facility:

- 6.5 metre high preload required for the entire footprint of the proposed building envelope, which will require approximately 120,000m³ of river sand.
- Ground densification works are also required within the building footprint.
- The building is to consist of a concrete slab, with a steel frame and concrete tilt-up panels.
- Building open for beneficial use, following CBSA fit-out, in Fall 2017.

Permits:

The project is located on Tsawwassen First Nation industrial lands. TFN will be responsible for issuing all approvals including a Preliminary Layout Approval, a Development Permit, an Environmental Permit, a Services Agreement, and a Building Permit.

For more information:

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Artist Rendering

