Westway and Imperium Expansion Projects
Draft Environmental Impact Statements

Imperium Expansion Proposal Fact Sheet

What does Imperium want to do?

Imperium Terminal Services (Imperium) has an existing biodiesel production and transport facility at the Port of Grays Harbor in Hoquiam, Washington. The current facility handles biodiesel, petroleum diesel, vegetable oil, and methanol. These liquids are transported to and from the facility by rail, truck, and vessel (ships and barges).

Imperium wants to expand the existing facility to allow for the handling, use, and storage of different types of liquids. The expansion would include building new storage tanks, pipelines, and rail tracks where trains would be emptied or loaded. The existing storage tanks could also be used to hold the new liquids.

The new bulk liquids that would be handled and stored at the proposed facility include crude oil, ethanol, naphtha, gasoline, vacuum gas oil, jet fuel, no. 2 fuel oil, no. 6 fuel oil, kerosene, renewable jet fuel, renewable diesel, used cooking oil, and animal fat.

The bulk liquids would be mainly transported to and from the facility by rail and vessel.

What is included in the proposed expansion?

The proposed expansion would include building new storage tanks and rail tracks on Imperium's current property at the Port of Grays Harbor, Terminal 1. The added equipment would include pumps and pipelines so liquids could be moved on the site and to and from trains, ships, and barges.

Imperium wants to:

- Build up to nine storage tanks above ground. Each one could hold about 3.4 million gallons (80,000 barrels) of liquid.
- Be able to store all the liquids listed above in the existing eight large storage tanks. Each existing tank can hold 2 million gallons (47,600 barrels).
- Extend the five existing rail spurs and add two new rail spurs. This would increase the number of loading and unloading spots where rail cars could be emptied or loaded with liquids from 64 to 105. These cars could be emptied or loaded with liquid at the terminal.
- Install a marine vapor combustion unit. This would be used to remove flammable air vapors when ships and barges are loaded with crude oil.
- Build a system of pipelines that would connect the area where rail cars are loaded or emptied with the storage tanks. The pipelines would also connect the storage tanks to Terminal 1 for loading or emptying ships or barges.
- Build additional office space and support facilities.

If approved, when could the proposed project be constructed and become operational?

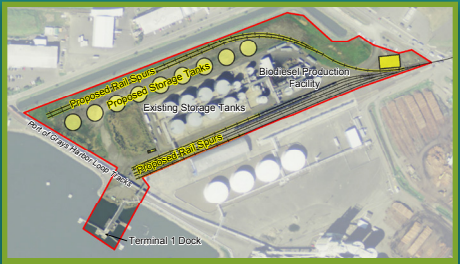
Construction would likely occur in two phases. In Phase 1, five storage tanks and everything else proposed for the expansion would be built. Phase 1 could start in 2016 and is expected to take up to 18 months.

In Phase 2, four more storage tanks could be built. Phase 2 could take up to 4 months.

The proposed expansion would become operational when construction is done. This could be sometime in 2017.

Proposed Imperium expansion project

Largest tank on the site	3.4 million gallons (80,000 barrels)
Maximum amount of bulk liquids that could be stored on the site	48.2 million gallons (1.1 million barrels)
New storage capacity (proposed)	30.2 million gallons (720,000 barrels)
Existing storage capacity	18 million gallons (428,600 barrels)
Maximum annual throughput of bulk liquids	1.3 billion gallons (30 million barrels)



Site map of proposed facilities

This fact sheet is provided as a general overview for public outreach purposes. This summary does not include all aspects of the analysis. The detailed analysis, data, and findings are in the Draft EIS for each proposal. The Draft EISs are the SEPA documents of record for information.

What would Imperium do at the expanded facility?

Operations at Terminal 1

Biodiesel would continue to be produced and refined at the facility.

New liquids (including crude oil and those that would be used in biodiesel production) would be stored at the terminal in storage tanks. Up to nine new storage tanks are proposed to be built.

The largest tank on the site would hold 3.4 million gallons (80,000 barrels). The maximum amount of liquids that could be stored on the site is 48.2 million gallons (1.1 million barrels).

Each year, the maximum amount of liquids that could be moved through the facility (throughput) is 1.3 billion gallons (30 million barrels).

Trains, ships, and barges would come to the project site. They could arrive empty and be loaded at the terminal, or could arrive full and be unloaded at the terminal. The liquids would be moved around the facility using pipes and equipment.

Train Transportation

Trains would bring rail cars to and from the project site. The trains would usually have 120 cars each, and would all carry the same type of liquid. Each train rail car could carry up to 30,000 gallons (714 barrels) of liquid.

There could be up to two train trips a day (one full and one empty) to the terminal. This is about 14 train trips a week, or 730 trains a year (full and empty).

Crude oil is expected to come by rail in the form of Bakken crude oil from the middle of the United States, or crude oil from Canada. Other liquids could come from a variety of locations in the United States or from other countries.

Trains would use the Puget Sound & Pacific (PS&P) rail line to reach the project site. The PS&P rail line goes from Centralia to the Port of Grays Harbor. The trains would also travel through Washington along the Burlington Northern Santa Fe Railway Company (BNSF) rail line.

Rail and Vessel Trips per Year

Transport	Without Projects	Proposed Project	
		Westway	Imperium
Rail	1,235	458	730
Vessel	436	238	400

Vessel Transportation

Ships and barges that carry liquids would arrive at and depart from Terminal 1. Typical ships could carry up to 15 million gallons (350,000 barrels) of liquid. Typical barges could carry 6.6 million gallons (157,000 barrels) of liquid.

There could be up to 200 vessels at the terminal each year. This is about one vessel trip a day, 400 trips (empty and full) a year.

How can I comment on the proposed project?

All comments are valued equally, no matter how they are submitted. You can comment by mail, online, or in person during the public comment period. The comment period goes from **August 31 until October 29, 2015**.

- **Mail written comments** to the following address:

  Westway and Imperium Expansion Projects EISs, c/o ICF International
  710 Second Avenue, Suite 550, Seattle, WA 98104

- **Submit comments online** at:

  https://public.commentworks.com/cwx/westwayimperiumcommentform

- **Submit comments in person** (orally or in writing) at one of two public meetings:

October 1, 2015, 1–9 p.m.
Satsop Business Park, Flextech Building
100 Technology Way, Elma, WA 98541

October 8, 2015, 1–9 p.m.
D&R Theatre
205 South I Street, Aberdeen, WA 98520

Where is more information available?

Visit *www.ecy.wa.gov/GraysHarbor* for more information on the proposed projects.