

Port of Vancouver Cadet/Swan, NuStar and Kinder Morgan



CONTACT & INFORMATION

Comments accepted:

March 4 - April 2, 2019

Submit comments online at:

<http://wt.ecology.commentinput.com/?id=rDsib>

Or by mail to:

Craig Rankine
Cleanup Project Manager
WA Department of Ecology
Vancouver Field Office
12121 NE 99th St., Suite 2100
Vancouver, WA 98682

Document review

locations:

Vancouver Community Library
901 C Street
Vancouver, WA 98660
(360) 906-5106

Ecology – Lacey Office
300 Desmond Drive SE
Lacey, WA 98503
By appointment, call (360) 407-6365

Website:

<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3450>

Facility Site ID: 1026
Site Cleanup ID: 3450

Agreed order available for public comment

The Washington Department of Ecology (Ecology) invites you to comment on a new Agreed Order for the Port of Vancouver Cadet/Swan (port), NuStar Terminals Services, Inc., (NuStar) and Kinder Morgan Bulk Terminals LLC., (KMBT) site. See Figure 1 for the site location.

Ecology's previous Agreed Orders with the port and NuStar were for preparation of cleanup documents. In 2017, after the 2013 NuStar Remedial Investigation (RI) was finalized, NuStar found additional contaminants in groundwater beneath the NuStar and KMBT facilities.

The new Agreed Order addresses the recently discovered contaminants by requiring supplemental work to the 2013 RI. It also includes KMBT who Ecology has named as a potentially liable person for the site. The new Agreed Order is a legal agreement that requires the port, NuStar and KMBT to:

- Prepare a supplemental RI work plan.
- Conduct a supplemental RI.
- Write a supplemental RI report that addresses potential contaminants in soil, sediment, and groundwater.
- Include supplemental and 2013 RI information into a new Feasibility Study (FS) that compares cleanup options for the entire site.

Ecology wants to hear from you

We are accepting comments from March 4 through April 2, 2019 on the new Agreed Order. You can also review and comment on a Public Participation Plan (PPP). The PPP describes how Ecology will inform the community about the cleanup process.

The box to the left shows where you can submit comments.

Site background and contamination



Soil and groundwater were polluted decades ago with chlorinated solvents such as trichloroethylene (TCE) that were used by the Cadet Manufacturing Company (Cadet), and the former Swan Manufacturing Company (Swan) to clean sheet metal parts. These businesses made electric heaters.

Soil and groundwater were also polluted with chlorinated solvents, such as perchloroethylene (PCE) and TCE that were used by GATX Terminals Corporation, former operators at the NuStar facility. Data indicates that contaminated groundwater migrating from the upland area toward the Columbia River is a source of chlorinated solvents in sediment.

NuStar, a tenant of the port, handles bulk fertilizer products at their terminal. KMBT, another tenant of the port, handles copper ore that also contains other metals. KMBT coordinates ore transport from mines to shipping companies. KMBT's facility is located next to NuStar. NuStar found nitrate, ammonia, and copper in groundwater beneath the NuStar and

KMBT facilities.

The areas of contamination in the groundwater are plumes. The plumes below the port, NuStar and KMBT are so close to each other, Ecology is considering them to be one, area-wide plume.

Due to historic land use and industrial practices, soil, groundwater and sediment are contaminated with Trichloroethylene (TCE) and Tetrachloroethylene (PCE).

Groundwater is also contaminated with copper, nitrate, ammonia and other metals. It has not been determined if these contaminants are present in soil or sediment.

The presence of these materials can be harmful to human health and the environment, so cleanup is important.

Public drinking water is not affected. The City of Vancouver supplies drinking water from groundwater wells at several locations within the City's limits. In addition, the port supplies drinking water to specific

tenants from groundwater wells on port property. City and port wells are located outside of the contaminated area.

Interim actions

The port and NuStar have been doing cleanups called interim actions since 1997 to reduce contamination. Interim actions are partial cleanups.

The port is currently cleaning up soil and groundwater polluted with chlorinated solvents from the Cadet and Swan facilities. The port has used a pump and treat system since 2009 to remove pollutants from groundwater.

NuStar is cleaning up soil, sediment, and groundwater polluted with chlorinated solvents. Since 2008, NuStar has used a vapor extraction system to remove solvent vapors in the soil. They also use enhanced bioremediation to improve the ability of naturally occurring bacteria in the ground to break down solvents and nitrates in groundwater.

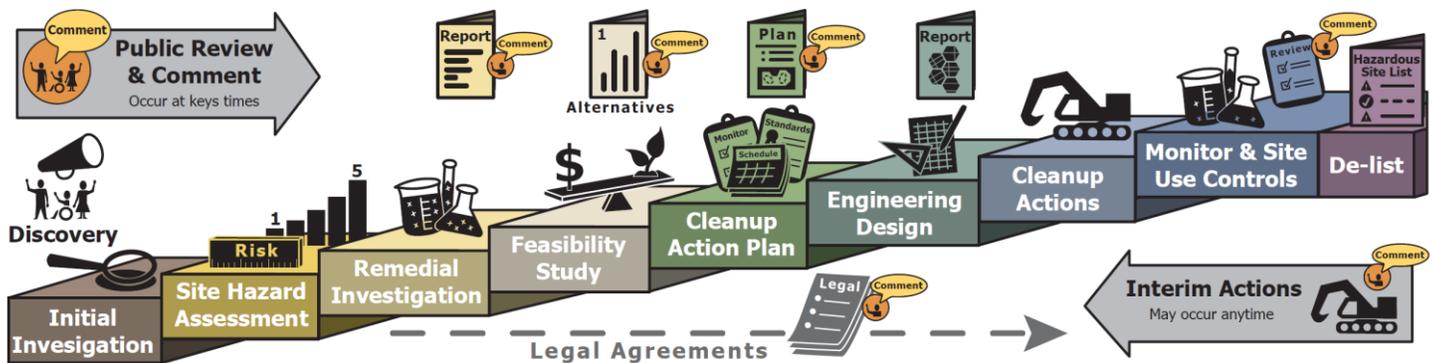
The port and NuStar continue to monitor contaminant levels in groundwater to ensure interim action work is effective. NuStar is sampling sediment periodically to make sure that contaminant levels decrease as source areas are cleaned up. Visit our [website](#) for more cleanup history.

Next steps

Ecology is accepting comments from March 4 through April 2, 2019 on the new Agreed Order and Public Participation Plan. We will consider your comments before finalizing these documents and reply to comments in a responsiveness summary. You can review the summary at the locations listed on the first page.

In the future, as we move through the investigation and cleanup process, you will be able to review and comment on:

- The supplemental remedial investigation report
- The feasibility study report
- The cleanup action plan





PO Box 47775

Olympia, WA 98504-7775

Ecology wants your comments on an Agreed Order and Public Participation Plan for the Port of Vancouver Cadet/Swan, NuStar and Kinder Morgan site



**Public comment period:
March 4 through April 2, 2019**

Why did I receive this mailing?

The Washington State Department of Ecology is working with the Port of Vancouver Cadet/Swan, NuStar and Kinder Morgan to study contamination at their site. This fact sheet is being mailed to inform the community about the work being done.

What can I do?

Please review the site documents and submit your comments, questions, and concerns.

To be removed from this mailing list, please call Sheila Coughlan at (360) 407-6255 or e-mail Sheila.Coughlan@ecy.wa.gov.

Special accommodations

To request materials in a format for the visually impaired, visit <https://ecology.wa.gov/accessibility>, call Ecology at 360-407-6300, Relay Service 711, or TTY 877-833-6341.