
Vancouver Port of NuStar Cadet Swan Cleanup

2565 NW Harborside Dr, Vancouver

Cleanup Plan Documents Available for Public Comment

Facility Site ID: 1026 Cleanup Site ID: 3450

Comments accepted

July 13 – August 11, 2023

Submit comments online

<https://tcp.ecology.commentinput.com/?id=RNej7>

Or by mail or email

Andrew Smith, Site Manager

WA State Department of Ecology

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Olympia, WA 98504-7775

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Printed document review

Vancouver Community Library

901 C Street

Vancouver, WA 98660

Ecology Lacey Office by appointment

300 Desmond Drive SE

Lacey, WA 98503

PublicDisclosureSWRO@ecy.wa.gov

or 360-407-6365

Site webpage

<https://apps.ecology.wa.gov/cleanupsearch/site/3450>

Cleanup plans available for public comment

The Washington Department of Ecology (Ecology) is entering into a legal agreement called an Agreed Order (AO), DE 21295. The agreement is between Ecology and the Port of Vancouver (Port) to clean up contamination at the Cadet Manufacturing and Swan Manufacturing portions of the Vancouver Port of NuStar Cadet Swan site (Site). The Port of Vancouver is the potentially liable person (PLP) at the Site responsible for the cleanup under this AO.

Ecology invites you to review and comment on the following documents.

Remedial Investigation (RI) Reports

Two RI reports describe the contamination and where it was discovered prior to completing interim cleanup actions.

Feasibility Study (FS)

The FS compares choices for how to clean up the residual contamination that remains after the interim cleanup actions.

Draft Cleanup Action Plan (dCAP)

The dCAP describes Ecology's plan for cleaning up the contamination.

Draft Agreed Order DE 21295 (AO)

The draft AO is a legal agreement requiring the Port to implement and maintain the cleanup described in the Cleanup Action Plan.

State Environmental Policy Act Determination of Non-Significance (SEPA DNS)

The SEPA DNS describes Ecology's decision that cleanup activities are not likely to harm the environment.

Documents are available at the Site webpage.

To review print documents, options are listed in the blue box on the left. Please check to confirm when the Vancouver Community Library is open for walk-in service. Documents are also available at our Southwest Regional Office in Lacey by appointment only.

Comments can be submitted online, by email, or by US Mail during the comment period from July 13 – August 11, 2023.

Ecology will consider comments. If there are no changes, Ecology will finalize the cleanup documents and sign the AO. The Port will perform the cleanup work.

Background

In 1956, the Swan Manufacturing Co. (Swan) started making electrical heaters in a building located at the corner of W 4th Plain Blvd and St Frances Lane. In 1964, they moved to 2500 W 4th Plain Blvd. In 1972, the Cadet Manufacturing Co. (Cadet) purchased Swan. Cadet continued to make heaters. The Port purchased the former Swan site in 1982. In 2006, the Port acquired the Cadet property.

Contamination and possible pathways of exposure

Trichloroethylene (TCE) and other chlorinated solvents were used to clean metal parts at both facilities and the solvents were released to soil and groundwater. The area of solvent contamination in groundwater is called a plume. A residual groundwater plume of chlorinated solvents is located under the Cadet and Swan facilities.

Contamination at the Site has not adversely affected City of Vancouver, Clark Public Utilities, or Port drinking water supply wells. Even so, cleanup of the groundwater plume and other contaminants is important because exposure to these substances can be harmful to human health and the environment, including the neighboring Columbia River.

Previous cleanup actions

The Port has been conducting interim actions at Cadet and Swan since 1998. Some of these actions include:

- Excavation of 13,800 cubic yards of VOC-impacted soil.
- Storage and successful treatment of excavated soil on site.
- Addressing contaminated groundwater with remediation treatment wells.
- Installation of soil vapor extraction wells, indoor vapor removal systems and vapor monitoring.
- Operation of a large diameter groundwater extraction well and treatment of groundwater since 2009.

Proposed plan for cleanup

Until recently, Ecology considered the solvent plume from the Swan/Cadet and NuStar source areas to be one area-wide plume (see Figure 1). Figure 2 includes a black dashed line that defines the historical maximum extent of the solvent plume at the Site prior to interim clean up actions.

The yellow shaded area within the Site outline is the area considered in both the 2020 Agreed Order (AO DE18152) and the 2023 dCAP and Agreed Order. Interim actions have reduced the solvent contaminant levels, so the solvent plume is no longer contiguous with the Cadet/Swan and NuStar source areas.

Washington's cleanup law, the Model Toxics Control Act (MTCA), provided authority in AO DE 18152 to require the Port to conduct and draft a feasibility study and prepare a preliminary dCAP for a partial cleanup within the Site.

The selected proposed cleanup actions involve:

- shutting off the groundwater pump and treatment system.
- monitoring groundwater and evaluating the natural attenuation of contaminants.
- restrictions of groundwater use.
- guidance on future building construction on Port property affected by the Site.

Ecology’s proposed cleanup plan is described in the dCAP. Those plans are here made available for public comment ahead of implementation of the Cleanup Action Plan.



Figure 1. The documents available for public comment relate to the Cadet and Swan portion of the site. This map shows the location of the Swan (yellow), Cadet (orange), as well as the NuStar (red), and KMBT (blue) areas of the Site.



Figure 2. The site is divided into two portions; non-shaded and yellow-shaded. The black line shows the historical maximum extent of solvent contamination prior to interim cleanup actions. The yellow shaded area within the Site outline is the area considered in the AO for partial cleanup by the Port.

After the cleanup actions are completed, the Port will file an environmental covenant with the county. The covenant may install institutional controls to prevent activities that may compromise the cleanup. While the covenant is in place, Ecology will review conditions at the Site every five years in a periodic review that will be available for public comment.

Toxics Cleanup Program
PO Box 47775
Olympia, WA 98504-7775

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Public comment period July 13 – August 11, 2023

Why did I receive this mailing? You live near the NuStar Cadet Swan Site or have expressed interest in the cleanup. This fact sheet informs you about the proposed work and the opportunity for public comment.

What can I do? Please review the Site documents and submit your comment, question, and concerns.

¿Habla Español? Unáse al diálogo sobre NuStar Annex Terminal Site. Cuando el período de comentarios termine, revisaremos los comentarios y haremos cambios antes de finalizar los documentos. Para más información en español llame al 360-485-5340 y solicite un intérprete.

ADA accessibility. To request an ADA accommodation, contact Ecology by phone at 360-485-5340 or email at matt.fuller@ecy.wa.gov, or visit ecology.wa.gov/Accessibility. For Relay Service or TTY call 711 or 877-833-6341.

