PARTIAL CLEANUP PLAN AVAILIBLE FOR COMMENT

CONTACTS & INFORMATION

Comments accepted:
May 12 thru June 13, 2016

Submit comments to:

Craig Rankine - Site Manager
P.O. Box 47600
Olympia, WA 98504-7600
Phone: 360-690-4795
E-mail: craig.rankine@ecy.wa.gov

Document review locations:

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

WA Department of Ecology
Southwest Regional Office
300 Desmond Drive SE
Lacey, WA 98503
By appointment only:
Contact Susie Baxter,
(360) 407-6365 or
PublicDisclosureSWRO@ecy.wa.gov

Website:

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

Public Involvement Questions:

Stacy Galleher
Public Involvement Coordinator
Phone: (360) 407-7529
Email: Stacy.Galleher@ecy.wa.gov

Facility Site ID #: 1026

Cleanup Site ID #: 3450

Port of Vancouver (Cadet/Swan) NuStar Site

The Washington Department of Ecology (Ecology) invites you to comment on proposed interim (partial) cleanup action for NuStar Terminals Services, Inc., (NuStar) facility at Terminal 2 Port of Vancouver (port). The NuStar facility is located within the Port of Vancouver (Cadet/Swan) NuStar cleanup site at 2565 NW Harborside Drive in Vancouver. Two documents are available for review and comment at the locations listed to the left.

- **Draft Interim Action Work Plan**—Describes the proposed cleanup actions
- **State Environmental Policy Act (SEPA) Determination**—Describes the potential environmental impacts of the cleanup work.

Ecology determined the cleanup actions would not have significant negative environmental impacts (a Determination of Non-Significance).

Proposed Cleanup Actions

Summer 2016, we will be cleaning up some contaminated groundwater and sampling sediment and surface water to study how effective the cleanup is.

How it works:

NuStar will be injecting Edible Oil Substrate Product (EOS Pro), a soybean based vegetable oil, mixed with water into the ground. The oil improves the ability of naturally-occurring bacteria to break down contamination in groundwater. As contamination decreases, we expect that the sediment (river bed) in the nearby Columbia River will naturally become cleaner.

What we will be doing:

- Test injecting EOS Pro into six locations, closest to the shore of the Columbia River (see map on next page).
- Monitor to make sure the injected oil does not have an effect on the river.
- Inject oil at approximately 89 additional locations in two separate areas.
- Monitor groundwater and river sediment to determine the overall cleanup effect.

Similar successful injections were performed in portions of the site in 2008 and 2011.

Special accommodations

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at (360) 407-6300.

Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

¿Habla Español? Si necesita esta información en español, contáctenos a preguntas@ecy.wa.gov.

Site Background

NuStar, a tenant of the port, is cleaning up soil and groundwater polluted with chlorinated solvents near the Columbia River. Studies show that the groundwater contains trichloroethylene (TCE), perchloroethylene (PCE), and their breakdown products. River sediments near the shore are also contaminated with chlorinated solvents. Public drinking water is not affected.

The facility has been used for bulk storage since 1960. It handled chlorinated solvents until the mid-1990s. Studies show pollutants in groundwater beneath the port are from Cadet Manufacturing Company, Swan Manufacturing Company and NuStar facilities. Since studies found that the areas contamination, called plumes, are so close to each other, they are considered one area-wide plume. The port and NuStar share cleanup responsibility for the entire plume.

Groundwater is water found beneath the soil surface. It collects, fills, and flows through open spaces between soil and sediment particles, and through cracks in rock.

The port and NuStar have been doing interim actions (partial cleanups) for many years to reduce contamination. Visit our website for more cleanup history.

What Happens Next?

- After the comment period ends, Ecology will respond to comments.
- We will then finalize the interim action work plan and SEPA documents.
- Sampling and injections will begin Summer 2016.

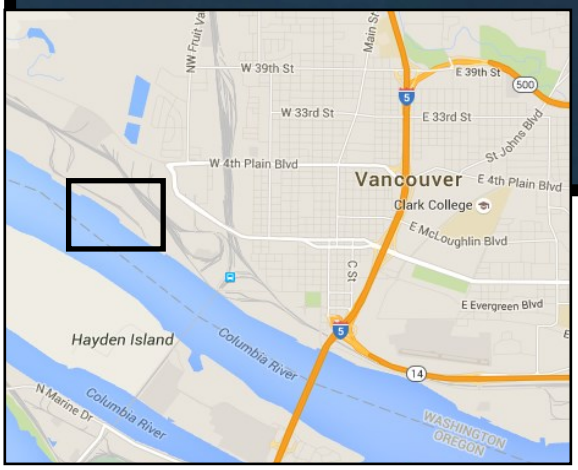
What is Tetrachloroethylene (PCE)?

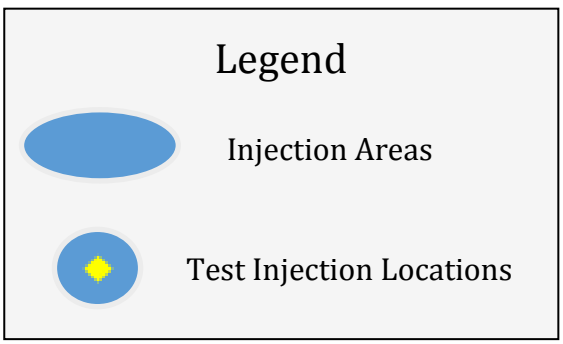
PCE, also known as Perchloroethylene, is a manufactured chemical that is widely used for dry cleaning fabrics and for metal degreasing.

It evaporates easily into the air. High concentrations of PCE can cause health effects like dizziness, headache, sleepiness, and nausea.

To learn more about PCE, visit: http://www.atsdr.cdc.gov/substances/toxsubstance.asp?toxid=48

Map of Test Locations and Injection Areas



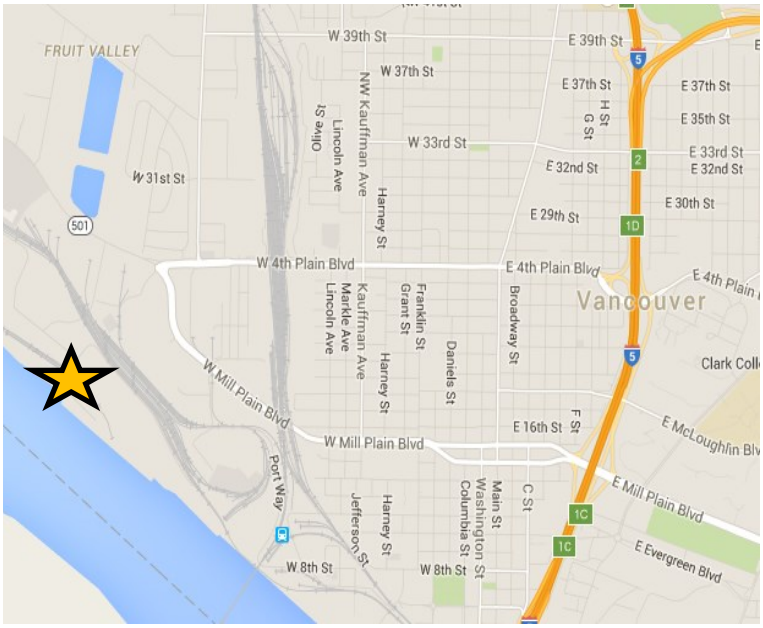


DEPARTMENT OF ECOLOGY
State of Washington

PO Box 47600

Olympia, WA 98504-7600

Ecology wants your comments on Port of Vancouver (Cadet/Swan) NuStar cleanup site



Public Comment Period
May 12 — June 13, 2016

Partial Cleanup Plan documents

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Cleanup Site ID #: 3450

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Вы говорите по-русски? Если вам нужна эта информация на русском языке, свяжитесь с нами по телефону (360) 407-6255.