

Terminals 5 6 & 7 Uplands Site Cleanup

Marine Drive, Port Angeles

Agreed Order, Remedial Investigation Work Plan Phase 1,
and Public Participation Plan

Available for Public Comment

Facility Site ID: 97700

Cleanup Site ID: 15440

Comment accepted

June 1—July 3, 2023

Submit comments online

[http://tcp.ecology.commentinput.com
/?id=CR6iejMdT](http://tcp.ecology.commentinput.com/?id=CR6iejMdT)

Or by mail or email

Connie Groven, cleanup site manager

WA State Department of Ecology

PO Box 47775

Olympia, WA 98504-7775

Connie.Groven@ecy.wa.gov

Printed document review

Port Angeles Main Library

2210 South Peabody Street

Port Angeles, WA 98362

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/15440](https://apps.ecology.wa.gov/cleanupsearch/site/15440)

Work plan designed to

Investigate if contaminated soil or
groundwater is moving from the study
area to Port Angeles Harbor

Cleanup documents available for public comment

The Washington Department of Ecology (Ecology) has entered into a legal agreement called Agreed Order (AO) DE 21560 with the Port of Port Angeles (port). The port is a potentially liable person (PLP) responsible for investigating contamination at the Terminals 5 6 & 7 Uplands study area.

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

- **Agreed Order DE 21560** requires the port to conduct Phase 1 of a remedial investigation described in the Remedial Investigation Work Plan Phase 1.
- **Remedial Investigation Work Plan (RIWP) – Phase 1.** The investigation focuses on determining whether contaminated soil or groundwater is moving from the study area into the harbor.
- **Public Participation Plan** describes how Ecology informs the community about cleanup at the site. The plan encourages community involvement in cleanup decisions.

Documents are available at the site webpage. The webpage is shown in the blue box on the left.

To review print documents, there are options listed in the blue box on the left. Please check to confirm when the library is open for walk-in service. Documents are available for viewing 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 **June 1 to July 3, 2023**.

We will consider comments and if there are no changes, the port will do the investigation described in the work plan.



The Terminals 5 6 & 7 Uplands study area is outlined in orange. This image was taken in 2016. Activities on the site may look different today. Areas are not exact.

Background

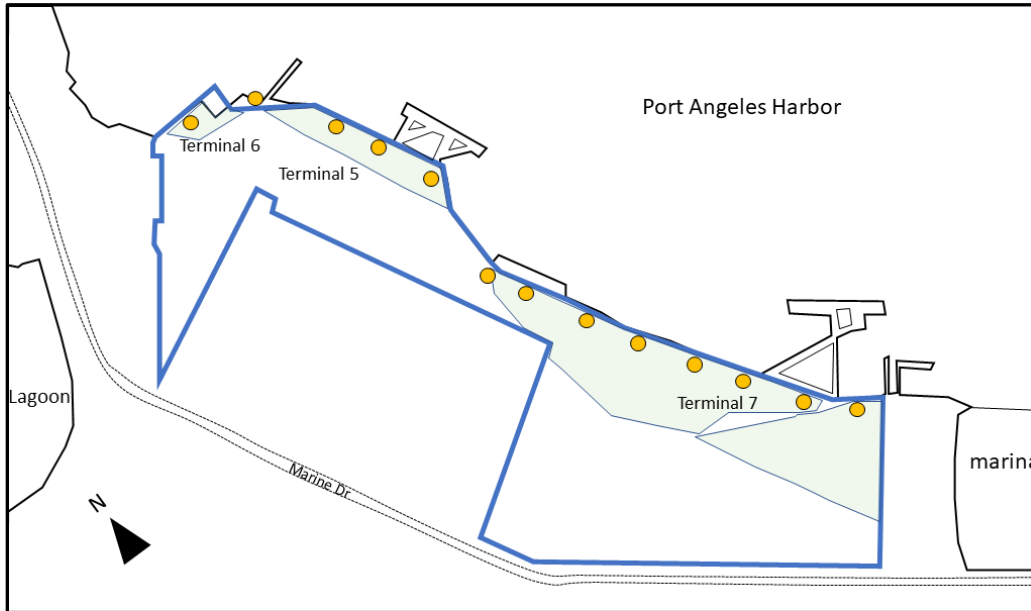
The study area is located along the industrial waterfront of Port Angeles. The properties are located at 1313, 1417, and 1608 Marine Drive (parcels 063000190090, 063099190025, 063099190035, 063000505520). The port owns the properties. The area is known as Terminals 5, 6, and 7 and includes the shoreline bank next to the harbor. Over time, fill was used to extend the properties and shape the shoreline for industrial use. Currently, the area is used for log storage, debarking operations, and wood chip and trailer storage.

Based on the long history of Tribal presence around the harbor, there is a high probability of cultural resources in the study area. The likely presence of cultural resources in the study area limits investigation and cleanup activities that would disturb the ground. We are coordinating with the Lower Elwha Klallam Tribe on this issue.

Possible contaminants

Industrial history shows the properties were used for various purposes including mill operations, wood processing, and log storage. Pentachlorophenol (PCP) and tetrachlorophenol (TeCP) are hazardous chemicals that were used as wood preservatives at the site. A hog fuel boiler burned salt-laden wood that may have contaminated the soil with dioxins and furans. Large aboveground storage tanks of fuel oil and ammonia were present on the properties.

Environmental reports and information about historical operations suggest petroleum hydrocarbons, dioxins/furans, TeCP, PCP, and related compounds may be present in soil and groundwater at levels that require cleanup under the state's cleanup law, the Model Toxics Control Act (MTCA).



The area of Terminals 5, 6 & 7 Uplands study area located along the shoreline of Port Angeles Harbor. The blue line indicates the outline of the study area. Orange circles indicate where the port plans to install groundwater monitoring wells along the shoreline. Areas in light green show where fill was used to expand and shape the shoreline. Areas are not exact.

Proposed Remedial Investigation Work Plan – Phase 1

The RIWP - Phase I will focus on determining whether contaminated soil or groundwater is moving from the study area into the harbor. Data will be collected to identify if upland sources of contamination are an ongoing source of sediment contamination.

Groundwater: To measure if contaminated groundwater is moving into the harbor, monitoring wells will be installed along the shoreline in areas where fill has been used. Results will be used to evaluate the condition of groundwater discharging to the harbor.

Soil: Soil will be sampled from the drilled borings used to install the monitoring wells. The samples will be analyzed to determine the presence and amount of contamination. The bank of the shoreline will be examined to find areas prone to erosion and to look for the presence of groundwater seeps. If erosional areas are observed, soil collected from the bank will be tested for contamination.

Topographic and visual surveys: Surveys will be conducted to determine the stability of the shoreline slope and the location of seeps and outfalls. This information is helpful for determining if these could be a source of contamination to the harbor. The area and condition of pavement will be reviewed to consider the movement of rainwater on the pavement or surface soil.

Stormwater pipe: Sampling will evaluate the condition of the pipe to determine if contaminated soil or groundwater is entering the pipe and being transported to the harbor. If the pipe is in poor condition, stormwater and sediment inside the pipe will be sampled for contamination.

Next steps

We will consider your comments. If there are no changes, then the port will likely begin conducting the investigation outlined in the work plan during summer 2023. You may see some workers in drilling trucks installing wells near the shoreline and conducting surveys.

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

Terminals 5 6 & 7 Uplands Site

Marine Drive, Port Angeles

Public comment period June 1 to July 3, 2023.

Comment period to review these documents:

- Agreed Order DE 21560
- Remedial Investigation Work Plan
- Public Participation Plan

Contact information

Connie Groven, cleanup site manager
connie.groven@ecy.wa.gov 360-584-7037

¿Habla Español? Unáse al diálogo sobre Terminals 5 6 & 7 Uplands 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 360-489-4971 y solicite un intérprete.

ADA accessibility. To request an ADA accommodation, contact Ecology by phone at 360-489-4971 or email at nancy.davis@ecy.wa.gov, or visit ecology.wa.gov/Accessibility. For Relay Service or TTY call 711 or 877-833-6341.

