

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



March 25, 2021

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## For more information

- [Sign up to get the Site Register by email](#)<sup>1</sup>
- Find [past issues of the Site Register](#)<sup>2</sup>
- Visit our [Public Involvement Calendar](#)<sup>3</sup>

Questions? Contact Sarah Kellington at: 360-407-7466 or [sarah.kellington@ecy.wa.gov](mailto:sarah.kellington@ecy.wa.gov).

Site contacts can be found in each entry.

## ADA Notice

To request Americans with Disabilities Act accommodation, including materials in a format for the visually impaired, please call 360-407-7170 or visit [Ecology's Accessibility webpage](#).<sup>4</sup> Persons with impaired hearing may call Washington Relay Service at 711. Persons with a speech disability may call 877-833-6341.

## News & Notes

### Novel coronavirus (COVID-19) information

We are joining a statewide effort to slow the spread of COVID-19 by supporting social distancing and other directives from Governor Inslee as well as federal, state, and local health officials.

- **All Department of Ecology buildings are closed to the public until further notice.** This includes all headquarters, regional, and field offices.
- **We are still operating.** You can reach staff via email and phone.
- All public meetings are **online-only meetings**. Visit our [public input and events listings](#)<sup>5</sup> for up-to-date information on public meetings.
- **In-person document and record reviews are not currently available.** If you would like to request to receive specific records electronically, [please let us know](#).<sup>6</sup> You can access all documents that are listed in the Site Register for public review and comment online:
  1. Under the "**For more information**" heading in the left-hand column of each Site Register entry, you will find a link to visit Ecology's webpage for the site.
  2. From that site page, there is a "**View Electronic Documents**" link in the right-hand column that will take you to a list of all posted documents.

Thank you for your patience and understanding as we work together to defend the health and well-being of all Washingtonians.

### Independent cleanup grant applications being accepted

Local governments interested in cleaning up sites through the Voluntary Cleanup Program can submit applications for the next round of Independent Remedial Action Grants .

Applications are accepted on an ongoing basis throughout the biennium, regardless of funding availability. To be considered for the next funding evaluation cycle, submit your application by June 18, 2021. We anticipate the next round of grants will be awarded in summer of 2021.

## New TCP Interim Policy 730 addresses water quality standards

The Toxics Cleanup Program has issued [Interim Policy 730](#)<sup>7</sup> that discusses how Ecology will address the Model Toxic Control Act's consideration of surface water quality standards.

This new policy applies:

- (1) When people develop preliminary surface water cleanup levels for the Model Toxic Control Act (MTCA) Remedial Investigation/Feasibility Study, and
- (2) When Ecology develops cleanup levels for the Cleanup Action Plan.

### Background

In November 2016, the Environmental Protection Agency disapproved of many of Ecology's newly adopted human health-based surface water quality criteria (WQC) under WAC 173-201A-240. They established human health criteria for Washington under 40 CFR 131.45, which in most cases were more stringent than Ecology's adopted criteria. EPA reconsidered their November 2016 decision and since May 2019, now approves the majority of Ecology's human health-based WQC under WAC 173-201A-240. They withdrew most of their own WQC under 40 CFR 131.45 effective June 12, 2020.

The State of Washington disagrees with that decision and is legally challenging EPA's decision to withdraw the federally promulgated Washington human health criteria in 40 CFR 131.45.

### CLARC updated for Spring 2021

The [February 2021 CLARC update](#)<sup>9</sup> is now online. You can download the data tables in [Excel](#)<sup>10</sup> or [PDF](#)<sup>11</sup>.

CLARC is Ecology's Cleanup Levels and Risk Calculation resource—a collection of technical information that

### Why did we issue TCP Interim Policy 730?

EPA's withdrawal of WQC from 40 CFR 131.45, combined with the state's legal challenge, has created uncertainty regarding how this may impact MTCA site investigations and cleanup decisions. We established the interim policy to help ensure consistency in applying the 40 CFR 131.45 WQC at MTCA cleanup sites during the period in which EPA's action is being challenged in the courts.

The withdrawn 40 CFR 131.45 standards remain in Ecology's [Cleanup Levels and Risk Calculation CLARC](#)<sup>8</sup> tool. The withdrawn criteria, which in most cases are much lower than the respective state values under WAC 173-201A-240, will continue to be maintained in CLARC. You can also find them at the end of TCP Interim Policy 730.

Ecology expects the interim policy will be effective during the period in which EPA's action is being challenged in the courts. A legal decision concerning the lawsuit is not expected until sometime in 2021 or 2022. Ecology will re-evaluate the need for the interim policy after that decision is issued.

If you have technical questions or would like more information, please contact Andy Kallus, Toxicologist, Toxics Cleanup Program at 360-878-2952.

helps site managers and stakeholders determine cleanup levels for contaminated sites.

## What you'll find in CLARC

- CLARC's data tables contain more than 600 chemicals with toxicity values, chemical/physical constants, and cleanup levels and Applicable or Relevant and Appropriate Requirements (ARARs) for soil, groundwater, surface water, and air. The data tables also include cleanup levels protective of the vapor intrusion pathway—that is, the path through which contaminants in soil and groundwater can migrate into indoor air.
- [CLARC's primary home on Ecology's website](#)<sup>12</sup> contains links to guidance, technical literature, cautions and limitations, and a glossary.
- [CLARC's secondary home on EZView](#)<sup>13</sup> houses supporting documents. These can also be accessed through Ecology's website.

## What changed, and plans for the next CLARC update

For this revision, we added chemical-specific data from the Oak Ridge National Laboratory (ORNL) Risk Assessment Information System (RAIS) chemical database where data was lacking. We added additional chemical-specific data for solubility, Henry's law, the distribution coefficient (Kd), and the soil organic carbon-water partitioning coefficient (Koc).

For the next revision in August or September 2021, we'll use the ORNL RAIS chemical database again to update existing chemical-specific data that wasn't updated this round.

We won't change chemical-specific data in CLARC that are specifically incorporated within the MTCA Cleanup Rule (e.g., data in Tables [747-1 to 747-4](#)<sup>14</sup>). We have no plans at this time to update the bioconcentration factors (BCFs).

We'll evaluate the chemical-specific inhalation correction factor (INH) used in the cleanup equation for ingestion of potable groundwater ([Equations 720-1 and -2](#)<sup>15</sup>), then update it to reflect EPA's 2015 criteria of a

chemical being sufficiently volatile. Chemicals considered sufficiently volatile will include those with a Henry's law  $> 1E-05$  atm-m<sup>3</sup>/mol or a vapor pressure  $> 1$  mm Hg. The INH factor accounts for exposure to potential vapors from non-ingestion groundwater use such as showering and bathing. An INH of 2 is assigned for volatile chemicals, and 1 for all other substances. For more information, see the Environmental Protection Agency's OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, OSWER Publication 9200.2-154 (June 2015).

## Stop using the August 2020 spreadsheet

The February 2021 spreadsheet and data tables contain the most recent information and should be used going forward.

## How do I establish cleanup levels for my site using CLARC?

CLARC provides technical information, including pre-calculated standard Method B and C human health risk-based levels, to help you determine cleanup levels under Washington's Model Toxics Control Act (MTCA). The pre-calculated risk-based values are NOT final cleanup levels. There are several important elements you must consider when establishing appropriate cleanup levels at a site.

- You'll need to determine whether or not the levels are dependent on relevant human health and ecological pathways of exposure.
- Your cleanup levels must account for cross-media contamination (that is, concentrations that prevent violations of cleanup levels for other media).
- Your cleanup levels must be as stringent as applicable state and federal laws (known as ARARs).
- You may also need to adjust them to account for additive cancer risk/noncancer hazards, laboratory practical quantitation limits (PQLs), and natural background.

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



For more information, see Cautions and Limitations for using CLARC on the home page.

## How often is CLARC updated?

CLARC is a living document and we make minor updates and corrections as needed. Every six months (targeted for spring and fall), we may make major updates that align with new technical information (such as updated toxicity data) in the Environmental Protection Agency's [regional screen levels \(RSLs\) tables](#)<sup>16</sup>.

## Stay current with CLARC updates

- Always use the most recent spreadsheet and data tables found on CLARC's data table page.
- Check the [latest news](#)<sup>17</sup>. You'll also find this information in the first tab of the Excel spreadsheet and first page of the PDF.
- Subscribe to the Site Register Listserv (see first page for link).

## Questions about CLARC?

Contact Andy Kallus at [andrew.kallus@ecy.wa.gov](mailto:andrew.kallus@ecy.wa.gov) or 360-878-2952.

## Formal Cleanups

We oversee complex cleanup sites to protect your health and the environment.

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### CLALLAM COUNTY

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## Port Angeles Harbor Natural Resources Damage Assessment (NRDA)

### [Comment on the DARP online](#)<sup>18</sup>

Or mail comments to:

Connie Groven  
WA Department of Ecology  
PO Box 47775  
Olympia, WA 98504-7775

### **To comment on the Consent Decrees** email [pubcomment-ees.enrd@usdoj.gov](mailto:pubcomment-ees.enrd@usdoj.gov)

or mail comments to:

Assistant Attorney General  
U.S. DOJ—ENRD  
P.O. Box 7611  
Washington, DC. 20044-7611

Please refer to United States, et. al. v. Nippon Paper Industries USA Co. Ltd., D.J. Ref. No. 90-11-3-10973

### For more information

- Visit Ecology's [Port Angeles Harbor NRDA webpage](#)<sup>19</sup>
- Visit [NOAA's webpage](#)<sup>20</sup>
- Read the Consent Decrees at the [Justice Department Webpage](#)<sup>21</sup>
- Contact Connie Groven  
Ecology NRDA Trustee  
[Connie.Groven@ecy.wa.gov](mailto:Connie.Groven@ecy.wa.gov)  
360-407-6254

## March 26–April 25: Damage Assessment and Restoration Plan (DARP) and Consent Decrees available for public comment

The following documents are available for your review and comment:

- [Damage Assessment and Restoration Plan](#)<sup>22</sup> explains how the public will be compensated for natural resources lost due to harm from contamination in Western Port Angeles Harbor.
- [Consent Decree \(2-1\)](#)<sup>23</sup> is a legal settlement between the NRDA Trustees and the potentially responsible parties: Port of Port Angeles, Georgia-Pacific LLC, Nippon Paper Industries USA Co., Ltd., Merrill & Ring Inc., and Owens Corning.
- [Consent Decree \(2-2\)](#)<sup>24</sup> is a legal settlement between the NRDA Trustees and the City of Port Angeles.

The NRDA Trustees are the Lower Elwha Klallam Tribe, Jamestown S'Klallam Tribe, Port Gamble S'Klallam Tribe, US National Oceanic and Atmospheric Administration (NOAA), US Fish and Wildlife Service, and Washington State Department of Ecology.

## Public meeting April 7

On April 7, 2021, the NRDA trustees will host an [online informational meeting](#)<sup>25</sup>. The NRDA Trustees will review and answer your questions about the DARP and consent decrees.

Public comments will not be accepted at the meeting.

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## CLARK COUNTY

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### Georgia-Pacific Consumer Operations LLC, Camas Paper Mill

401 NE Adams Street, Camas

Facility Site ID# **66765272**

Cleanup Site ID# **15156**

[Submit comments online](#)<sup>26</sup>

Or mail comments to:

Shingo Yamazaki  
Site Manager  
Industrial Section  
P.O. Box 47600  
Olympia, WA 98504-7600

#### For more information

- Visit Ecology's [Georgia-Pacific Consumer Operations LLC, Camas Paper Mill webpage](#)<sup>27</sup>
- Contact Shingo Yamazaki  
Site Manager  
[shingo.yamazaki@ecy.wa.gov](mailto:shingo.yamazaki@ecy.wa.gov)  
360-407-7563

#### Document review locations

In-person document review is not available. If you are unable to view information online at the Ecology website and would like to request copies, please contact Angelina Ward at 360-407-6916 or [angelina.ward@ecy.wa.gov](mailto:angelina.ward@ecy.wa.gov).

### Feb. 25–March 29: Agreed Order and Public Participation Plan available for review and comment

Pulp and paper operations have taken place on this site since the late 1880s. While the mill has shut down pulping operations, it still makes paper products from purchased pulp. The Agreed order would require the mill to investigate contamination on the site and perform interim actions to address contamination when required. The Public Participation Plan describes how we will engage with people as cleanup actions taking place.

Due to the number of requests to hold a hearing, we're working to set one up and extend the comment period. We'll let you know when the hearing will take place and the new end date of the comment period in the next publication of the Site Register. Please visit the cleanup site webpage for the most up-to-date information.

## KING COUNTY

### Block 37

600–630 Westlake Avenue North  
Seattle

Facility Site ID# **46445373**

Cleanup Site ID# **6134**

[Submit comments online](#)<sup>28</sup>

Or mail comments to:

Tena Seeds  
Site Manager  
3190 160th Avenue SE,  
Bellevue WA, 98008

#### For more information

Visit Ecology's [Block 37 webpage](#)<sup>29</sup>

Contact Tena Seeds  
Site Manager  
[tena.seeds@ecy.wa.gov](mailto:tena.seeds@ecy.wa.gov)  
425-457-3143

### March 29–April 27: Agreed Order and Public Participation Plan available for public review and comment

Ecology has negotiated a legal agreement called an Agreed Order with Philips 66 Company and City Investors XI LLC for the Block 37 cleanup site. The order names Philips 66 and City Investors as Potentially Liable Persons (PLPs) and requires them to investigate environmental conditions, conduct an interim cleanup action (if necessary), and develop a cleanup action plan for the site.

Ecology is inviting input on:

- Agreed Order – requires PLPs to investigate environmental conditions, complete a Remedial Investigation (RI), prepare a Feasibility Study (FS), and develop a preliminary draft Cleanup Action Plan for the site.
- Public Participation Plan – describes how Ecology will inform the community about site activities and opportunities to be involved in the cleanup process.

## SKAGIT COUNTY

### Cap Sante Marine

1019 Q Avenue  
Anacortes

Facility Site ID# **67532227**  
Cleanup Site ID# **1678**

[Submit comments online<sup>30</sup>](#)

Or send comments by mail to:

Arianne Fernandez  
Project Lead  
Toxics Cleanup Program  
PO Box 47600  
Olympia, WA 98504-7600

#### For more information

- Visit Ecology's [Cap Sante Marine webpage<sup>31</sup>](#)
- Contact Arianne Fernandez  
Project Lead  
[Arianne.Fernandez@ecy.wa.gov](mailto:Arianne.Fernandez@ecy.wa.gov)  
360-704-0173

### Feb. 25–March 29: Periodic Review report available for review and comment

Ecology invites you to review and comment on a periodic review report for the Cap Sante Marine site. When contamination remains on a site after cleanup work is complete, we review the elements of the cleanup approximately every five years afterward to make sure those elements remain effective. The cleanup elements are designed to protect people and the environment from exposure to that contamination

Soil and groundwater at the site were contaminated by leaking underground fuel storage tanks. In 2007, underground storage tanks, supply lines, and almost 10,000 cubic yards of petroleum and polycyclic aromatic hydrocarbon-contaminated soil were removed. Some contaminated soil remained in two isolated areas, the Marine Lease Area and the Fisherman's Work Area. In 2014, an environmental covenant was filed, directing the Port of Anacortes to protect human and environmental health from exposure to the remaining contamination in several ways, including:

- Restricting future development and controlling future soil disturbance where contamination remains.
- Containing contaminated soil with a cap of gravel and plantings for the Marine Lease Area and asphalt for the Fisherman's Work Area.
- Monitoring groundwater wells regularly to assess the performance of the cleanup.

According to the covenant, any accidental damage to these systems must be reported to Ecology, and planned work that could compromise their integrity must be approved by Ecology.

This periodic review found that the requirements of the covenant are being followed and the caps had not been damaged. No additional cleanup actions are required at this time. The next review for the site will be scheduled five years from the date of this periodic review.

Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made.



## Shell Oil Tank Farm

14th Street and Q Avenue  
Anacortes

Facility Site ID# **4781157**  
Cleanup Site ID# **4846**

[Submit comments online](#)<sup>32</sup>

Or mail comments to:

Arianne Fernandez  
Project Lead  
Toxics Cleanup Program  
PO Box 47600, Olympia, WA  
98504-7600

### For more information

- Visit Ecology's [Shell Oil Tank Farm webpage](#)
- Contact Arianne Fernandez  
Project Lead  
[Arianne.Fernandez@ecy.wa.gov](mailto:Arianne.Fernandez@ecy.wa.gov)  
360-688-3730

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## Feb. 25–March 29: Periodic Review report available for review and comment

Ecology invites you to review and comment on a periodic review report for this site. When contamination remains on a site after cleanup work is complete, we review the elements of the cleanup approximately every five years afterward to make sure those elements remain effective. The cleanup elements are designed to protect people and the environment from exposure to that contamination.

Soil and groundwater cleanup at the Shell Oil Tank Farm was completed in 2016. Utility lines on the site prevented the removal of some soil contaminated with diesel, oil, cadmium, gasoline, and benzene. An environmental covenant was recorded for the site, which included these key requirements:

- Contaminated soil must be contained by a 2–3 foot cap and a protective barrier that aids in biological breakdown of remaining organic contaminants.
- Data must be collected from groundwater wells regularly to monitor the performance of the cleanup.

According to the covenant, any accidental damage to these systems must be reported to Ecology, and planned work that could compromise their integrity must be approved by Ecology.

This periodic review found that the requirements of the covenant are being followed and the cap had not been damaged. No additional cleanup actions are required at this time. The next review for the site will be scheduled five years from the date of this periodic review.

Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made.

## SNOHOMISH COUNTY

### Boeing Everett

3003 W Casino Rd, Everett

Facility Site ID# 2703

Cleanup Site ID# 4534

[Submit comments online](#)<sup>33</sup>

Or mail comments to:

Paul Bianco  
3190 160th Ave SE  
Bellevue, WA 98008-5452

#### For more information

- Visit Ecology's [Boeing Everett webpage](#)<sup>34</sup>
- Contact Janelle Anderson  
Community Outreach Specialist  
[janelle.anderson@ecy.wa.gov](mailto:janelle.anderson@ecy.wa.gov)  
425-649-7286

#### Document review locations

Due to the pandemic documents are only available electronically.

### Feb. 15–April 19: Draft documents available for comment

Ecology invites you to review and comment on draft documents for this site.

- **Draft Remedial Investigation (RI)**: The RI studies the site conditions and contamination. During the RI, Boeing sampled soil, groundwater, surface water, indoor air, soil gas, sediment, and stormwater to find the contamination. The RI is in two volumes. [RI Vol. 1A](#)<sup>35</sup> and [RI Vol. 1B](#)<sup>36</sup>.
- **Feasibility Study (FS)**<sup>37</sup>, and **Supplemental (SFS)**<sup>38</sup>: The FS and SFS compare cleanup actions.
- **Draft Cleanup Action Plan (dCAP)**<sup>39</sup>: After Ecology reviewed the draft Feasibility Study (FS) report and draft Supplemental Feasibility Study (SFS), we chose the final cleanup actions for TCE groundwater contamination and contaminated soils. Our draft cleanup action plan (dCAP) describes the final cleanup actions.
- **Enforcement Order**<sup>40</sup>: Boeing asked Ecology to use an Enforcement Order to implement the Cleanup Action Plan. because it disagrees with our groundwater cleanup levels being set to a level that is equal to surface water quality standards instead of state drinking water standards.
- **Draft Agreed Order (AO)**<sup>41</sup>: This is a legal agreement to implement the Cleanup Action Plan for the part of the site called the Bomarc property so it can be sold.
- **Draft Permit**<sup>42</sup>: A Permit Lite is a "Dangerous Waste Corrective Action Permit," that allows environmental cleanup at the site to continue.
- **Draft State Environmental Policy Act (SEPA) checklist**<sup>43</sup>: SEPA is used to evaluate large, negative environmental impacts that could result from a proposed action. This evaluation resulted in an Associated Determination of Non-Significance.
- **Draft Public Participation Plan (PPP)**<sup>44</sup>: The PPP encourages comment and involvement in cleanup decisions from the community.

The Boeing Company has owned and operated the Boeing Everett Plant since 1967, producing commercial aircraft. During past operations, Boeing released hazardous substances from leaking underground storage tanks, leaking underground piping, a shooting range, spills, stormwater, and other manufacturing practices.

State and federal laws require that Boeing cleans up contamination on its property and on nearby affected properties. The cleanup protects human health and the environment from the contamination.

## Boeing Everett (continued)

The primary contaminants on the site are:

- Trichloroethylene (a cleaning and degreasing solvent)
- Xylene (a cleaning solvent)
- Toluene (a cleaning solvent)
- Ethylbenzene (a cleaning solvent)
- Jet fuel
- Lead
- Arsenic
- Hydraulic fluid
- Oil, gasoline and diesel
- Polycyclic aromatic hydrocarbons (PAHs) (solvent chemical known to cause cancer)
- Polychlorinated Biphenyls (PCBs) (long-lasting, hazardous liquid used in electrical equipment)

For 13 areas of soil contamination under Boeing buildings, the contamination will remain in place until it can be removed without disrupting facility production and operations. We require regular sampling of groundwater and indoor air to ensure the contamination does not impact human health or the environment. Groundwater will be pumped and treated to remove TCE and VC (vinyl chloride).

The main contaminants detected in groundwater north of Boeing property and in Powder Mill Creek are TCE (Trichloroethylene) and TCE breakdown products. TCE is a degreasing solvent once commonly used to clean metal parts. TCE easily evaporates into the air. Under certain conditions in water, it slowly breaks down into other chemicals, such as vinyl chloride. If TCE gets into groundwater, it dissolves and then moves with the natural flow of the water. Ecology has groundwater cleanup standards for TCE and its breakdown products.

Residents in the area get drinking water from supply wells located outside of the site boundary. Drinking water is not impacted by the groundwater contamination.

For safety reasons, people and animals should stay on the walking trails near Powder Mill Creek and avoid contact with the creek water. The City of Everett has posted signs advising walkers to stay on the trails. Fencing and signs prevent creek access on Boeing property.

We will consider all comments and may change the documents based on them before finalizing the documents.

## Kimberly-Clark Worldwide, Inc.

2600 Federal Avenue  
Everett

Facility Site ID# 9  
Cleanup Site ID# 2569

[Submit comments online](#)<sup>45</sup>

Or mail comments to:

Andrew Kallus  
Project Lead  
PO Box 47600  
Olympia WA 98504-7600

### For more information

Visit Ecology's [Kimberly-Clark Worldwide, Inc. webpage](#)<sup>46</sup>

Contact Andrew Kallus  
Project Lead  
[Andrew.Kallus@ecy.wa.gov](mailto:Andrew.Kallus@ecy.wa.gov)  
360-407-7324

## March 11–April 12: Amended agreed order, public participation plan, and SEPA documents available for review and comment

You are invited to review and share your feedback on the latest cleanup planning documents for the Kimberly-Clark Worldwide, Inc. site, named after the former mill in Everett, Washington.

These draft documents are available for public comment:

- **Amended Agreed Order:** This change to the legal agreement adds the Port of Everett as a property owner and Potentially Liable Person for cleanup. It also describes future cleanup work. That will include filling and capping priority areas of contaminated soil.
- **Updated Public Participation Plan:** This outlines Ecology's process and opportunities for public input throughout cleanup at this site.
- **State Environmental Protection Act (SEPA) checklist and determination:** This is an assessment used to determine whether the proposed cleanup activities are likely to have negative impacts on people or the environment. Ecology reviews these documents, but the Port of Everett leads and manages the SEPA process for this project. To review and comment on the SEPA documents, go to the [Port of Everett's webpage](#)<sup>47</sup>.

The Kimberly-Clark Worldwide, Inc. site includes nearly 56 acres of uplands and 12 acres of tidelands along Everett's working waterfront. The in-water area next to the site, in Everett's East Waterway, is being addressed under a separate cleanup agreement.

The property was first developed in the early 1900s. Pulp and paper was manufactured there from 1931 to 2012. It was also used for bulk petroleum storage and sawmilling. All manufacturing stopped in 2012, and the structures were demolished except for the warehouse and wastewater treatment facilities. In 2012, Ecology entered into a legal agreement with Kimberly-Clark for the upland portion of their property. Under that agreement, Kimberly-Clark partly cleaned up contamination found after the mill was demolished. They removed about 39,000 tons of contaminated soil and more than 6,000 gallons of petroleum-contaminated water. The partial cleanup is called an Interim Action.

In 2020 Kimberly-Clark removed more than 18,000 tons of contaminated soil, plugged unused groundwater pipes to prevent contaminated water from reaching the East Waterway, removed and treated contaminated groundwater, and removed over 200,000 tons of crushed material left over from building demolition.

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



## North Marina West End

Farrington Place and Ballard Street  
Everett

Facility Site ID# **3306834**  
Cleanup Site ID# **934**

[Submit comments online](#)<sup>48</sup>

Or send comments by mail to:

Andrea Flaherty  
Toxics Cleanup Program  
PO Box 47600, Olympia, WA  
98504-7600

### For more information

Visit Ecology's [North Marina West End webpage](#)<sup>49</sup>

Contact Frank Winslow  
Project Lead  
[Frank.Winslow@ecy.wa.gov](mailto:Frank.Winslow@ecy.wa.gov)  
509-424-0543

## Feb. 25–March 29: Periodic Review report available for review and comment

Ecology invites you to review and comment on a document called a periodic review for the North Marina West End Site. When contamination remains on a site after cleanup work is complete, we review the elements of the cleanup that protect people and the environment from exposure to that contamination every five years to make sure those elements remain effective. This is required by the Model Toxics Control Act (MTCA).

An environmental covenant was filed for this site as part of the cleanup plan. This covenant lists many land- and groundwater use restrictions, including: Limiting groundwater use, Requiring special safety plans for any activity that would involve worker contact with contaminated groundwater, and Prohibiting any activities that could interfere with the integrity of the cleanup.

This periodic review found that the requirements of the covenant are being followed. No additional cleanup actions are required at this time. The next review for the site will be scheduled five years from the date of this periodic review.

Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made. An additional public comment period will be held if significant changes are made.

## Independent Cleanups

Property owners may choose to clean up contamination independently and submit reports to Ecology.

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### CHELAN COUNTY

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#### WA DOT Wenatchee Maintenance Facility

1551 N Wenatchee Ave  
Wenatchee

Facility Site ID# **19391892**  
Cleanup Site ID# **12589**

**For more information** visit  
Ecology's [WA DOT Wenatchee  
Maintenance Facility webpage](#)<sup>1</sup>

#### Independent report available for review

On March 9, 2021, we received a final Focused Feasibility Study report dated March 9, 2021. The site has Trichloroethylene contamination affecting groundwater, and petroleum contamination affecting soil and groundwater.

## CLARK COUNTY

### Exxon Station 73594

13204 NE Hwy 99  
Vancouver

Facility Site ID# **53876575**

Cleanup Site ID# **6242**

[Submit comments online](#)<sup>51</sup>

Or mail comments to:

Panjini Balaraju  
Site Manager  
PO Box 47775  
Olympia, WA 98504-7775

#### For more information

Visit Ecology's [Exxon Station 73594 webpage](#)<sup>52</sup>

Contact Panjini Balaraju  
Site Manager  
[Panjini.Balaraju@ecy.wa.gov](mailto:Panjini.Balaraju@ecy.wa.gov)  
360-407-6335

#### Document to review

- [Draft Termination & Release from Covenant](#)<sup>53</sup>

### March 11–April 11: Proposed removal of an environmental covenant

We invite you to review and comment on removing the environmental covenant from this site. An environmental covenant limits the way a property is used to protect human health and the environment when contamination remains on the site. At this site, concentrations of lead in groundwater were above state cleanup levels after the cleanup.

This site was a service station. It had a gasoline pump station, service bays, and six underground petroleum storage tanks. Now there is a restaurant and parking lot on the site.

When the service station was operating, petroleum from underground storage tanks contaminated soil and groundwater. The underground storage tanks and the pump island were removed sometime before 1988. Between 1988 and 2002 studies showed petroleum in the soil and petroleum and lead in the groundwater.

The owner installed a system to remove petroleum vapors. It removed about 1,290 pounds of hydrocarbon vapors from soil and groundwater. Tests in 2008 showed that petroleum hydrocarbons in soil and groundwater had decreased to below state cleanup levels.

Groundwater sampling in 2010 confirmed that lead concentration was above state cleanup levels. Based on the lead contamination in the groundwater, an environmental covenant was recorded for the site in 2013.

Groundwater monitoring in 2018 indicated that lead concentration had decreased. It was below state cleanup levels.

In 2020, we issued a No Further Action letter and the owner requested removal of the covenant from the property.

Ecology will consider comments received during the comment period. If there are no significant changes, Ecology will remove the covenant from the site.

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## KITTITAS COUNTY

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### Exit 115 Mini Mart

801 Main St  
Kittitas

Facility Site ID# **387**  
Cleanup Site ID# **15365**

#### For more information

- Visit Ecology's [Exit 115 Mini Mart webpage<sup>54</sup>](#)
- Contact Frank Winslow  
Site Manager  
[frank.winslow@ecy.wa.gov](mailto:frank.winslow@ecy.wa.gov)  
509-454-7835

### Independent report available for review

On January 20, 2021, we received a Remediation of Diesel Contaminated Soil report dated January 13, 2021. The site has deisel contamination affecting soil and groundwater.

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## PIERCE COUNTY

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### Adams Street Building

6707 and 6709 S Adams Street  
Tacoma

Facility Site ID# **7177**  
Cleanup Site ID# **13051**

#### For more information

Visit Ecology's [Adams Street Building webpage<sup>55</sup>](#)

Contact Tim Mullin  
Voluntary Cleanup Program  
Cleanup Project Manager  
[tim.mullin@ecy.wa.gov](mailto:tim.mullin@ecy.wa.gov)  
360-407-6265

### Determination of No Further Action

This site had an industrial facility that used to be used as a dry cleaning business. The site was contaminated with:

- tetrachloroethylene (PCE)
- trichlorethylene (TCE)
- chloroform

One or more of these contaminants were at high enough concentrations that they required cleanup. Hot steam injections destroyed the contaminants. Post-remediation performance sampling confirmed concentrations in all media (soil, groundwater, soil vapor, and indoor air) complied with cleanup standards.



## WHATCOM COUNTY

### Tank N Tote

321 D Street, Blaine

Facility Site ID# **98716497**

Cleanup Site ID# **11325**

PTAP# **PNW013**

[Comment online](#)<sup>56</sup> or email to [pliamail@plia.wa.gov](mailto:pliamail@plia.wa.gov). Please direct comments to Mr. Nnamdi Madakor, Site Manager.

#### For more information

- Visit [PLIA's Tank N Tote webpage](#)<sup>57</sup>
- Visit [Ecology's Tank N Tote webpage](#)<sup>58</sup>

### March 25–April 24: Public comment period on proposed removal from the Hazardous Sites List

The Pollution Liability Insurance Agency (PLIA) invites the public to comment. This is a proposal to remove the Tank N Tote site from the Department of Ecology's Hazardous Sites List.

The site has a convenience store, a canopy with two dispenser islands, three underground storage tanks (USTs), and paved parking. Historical USTs and a leak in the diesel turbine pump casing seam (discovered in in 2008) contaminated the soil. This leak also impacted groundwater at the site. The petroleum contamination in the soil and groundwater was removed by *in-situ* bio-remediation that added nutrients in the subsurface to stimulate natural microbial degradation of contaminants.

For three consecutive quarters in 2020, the contamination was at non-detectable levels in the soil and in groundwater at the point of compliance wells. Soil and groundwater results indicate that vapor is not a concern at this site.

PLIA performed regulatory review of the site under the Petroleum Technical Assistance Program (PTAP). Based on the soil sampling and groundwater monitoring results, PLIA determined that the site meets the requirements of the state clean up regulations, Chapter 173-340 WAC Model Toxics Control Act, and no longer poses a threat to human health or the environment.

## Glossary

**Agreed Order** - A legal agreement with Ecology to make sure a potentially liable party/parties takes specified actions under the Model Toxics Control Act (MTCA) to clean up a contaminated site.

**Cleanup Action Plan (CAP)** - A document that describes the selected cleanup methods and specifies cleanup standards and other requirements. It is based on information and technical analyses generated during the RI/FS and consideration of public comments and community concerns. We make a draft of the CAP (dCAP) available for public review and comment before finalizing.

**Comment period** - A time period during which the public can review and comment on various documents and Ecology or EPA actions. For example, a comment period is provided to allow community members to review and comment on proposed cleanup action alternatives and proposed plans. Also, a comment period is held to allow community members to review and comment on draft feasibility studies.

**Consent decree** - A formal legal agreement that is filed with a court. It describes studies and/or cleanup work to be done at a site and the terms under which that work is to be done.

**CSID** (Cleanup site identification) – a tracking number assigned to a known or suspected cleanup site.

**Delisting/delisted** – the process of formally removing a site from the Hazardous Sites List.

**Enforcement order** – A formal legal order to force a potentially liable party/parties to take specific required cleanup actions when negotiations toward an agreed order are unsuccessful.

**Engineering design report** - Engineering design reports outline the specific details for implementation and operation of the first phase of the cleanup actions.

**Formal cleanups** - TCP conducts or supervises formal cleanups (also called formal oversight) when site owners are under court order or decree, or when cleanups are funded by legislative initiatives. Formal cleanups will meet MTCA

standards. The public can provide input during public meetings and comment periods.

**FSID** (Facility/Site identification) – a tracking number assigned to a facility, business, or location.

**Hazardous Sites List** - A statewide list of contaminated properties. Ecology may remove a site from the list only after determining that all remedial actions except confirmatory monitoring have been completed and compliance with the cleanup standards has been achieved at the site, or the listing was erroneous.

**HOTAP** – Heating Oil Technical Assistance Program administered by the Pollution Liability Insurance Agency (PLIA)

**Independent cleanups** - Property owners conduct independent cleanups on their own, or with help from our Voluntary Cleanup Program (VCP). Independent cleanups still meet MTCA standards, but property owners set their own timelines. Owners can ask for our help through the VCP but do not have to. Ecology will hold public meetings or comment periods if a site needs to be de-listed.

**Independent cleanup action** - Any remedial action without department oversight or approval and not under an order or decree.

**LUST** - Leaking Underground Storage Tank

**NFA** - No Further Action

**PAH** – Polycyclic aromatic hydrocarbons – a class of organic chemicals from petroleum, organic materials, and the combustion of hydrocarbons. They are carcinogenic (cancer-causing) and linked to cardiovascular and developmental diseases.

**PCB** – Polychlorinated biphenyls – a group of manmade chemicals that are toxic, potentially carcinogenic, persistent, and bio-accumulative. They are classified as persistent organic pollutants, meaning they do not easily degrade in the environment.

**Periodic review** - A periodic review is conducted at least every five years at sites where some contamination remains.

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



The purposes of the review is to evaluate whether the cleanup still protects human health and the environment.

**PLIA** – Pollution Liability Insurance Agency

**Potentially liable party (PLP)**– A person, business, or entity that is potentially liable (legally responsible) to clean up a contaminated site. If there is more than one PLP, all parties may be jointly and severally liable.

**PTAP** – Petroleum Technical Assistance Program administered by the Pollution Liability Insurance Agency (PLIA)

**Public participation plan** - Outlines and describes the tools Ecology will use to inform the public about site activities, and it identifies opportunities for the community to become involved in this process.

**Remedial action** - Construction work done to clean up a contaminated site.

**Remedial investigation/feasibility study (RI/FS)** - Two distinct but related studies. They are usually performed at the same time.

**SEPA** - State Environmental Policy Act

**Site** – also called a cleanup site, is a property or location with suspected or verified contamination that must be cleaned under the Model Toxics Control Act (MTCA). A site does not necessarily stop at property boundaries, but is defined by specific contaminants, the extent of contamination, or both.

**Site Hazard Assessment (SHA)** - An assessment to gather information about a site to confirm whether a release of hazardous substances has occurred and to enable Ecology to evaluate the relative potential hazard posed by the release.

**Total petroleum hydrocarbons (TPH)** - A term used to describe a large family of several hundred chemical compounds that originally come from crude oil. TPH is a mixture of chemicals made mainly from hydrogen and carbon.

**UST** – Underground Storage Tank

**Voluntary Cleanup Program (VCP)** - The VCP is one of several options for cleaning up a site under the state’s cleanup law. Under this option, property owners perform a cleanup independently and request services from Ecology for a fee.

Find more glossary terms on [Ecology’s website](#)<sup>59</sup>

## Site Information Online

Information on [all Toxics Cleanup Program sites](#)<sup>60</sup>

## Regional Offices

**Ecology Central  
Regional Office**  
1250 W. Alder St.  
Union Gap, WA 98903-0009

**Ecology Eastern  
Regional Office**  
4601 N. Monroe  
Spokane, WA 99205-1295

**Ecology Headquarters Office**  
300 Desmond Drive SE  
Lacey, WA 98503

**Ecology Northwest  
Regional Office**  
3190 160<sup>th</sup> Ave. SE  
Bellevue, WA 98008-5482

**Ecology Southwest  
Regional Office**  
300 Desmond Drive SE  
Lacey, WA 98503

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



- 1 <http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?A0=SITEREGISTER>
- 2 <http://tinyurl.com/EcologySiteReg>
- 3 <https://ecology.wa.gov/events-listing>
- 4 <http://www.ecology.wa.gov/Accessibility>
- 5 <https://ecology.wa.gov/Events/Search/Listing>
- 6 <https://ecology.wa.gov/About-us/Accountability-transparency/Public-records-requests>
- 7 <https://apps.ecology.wa.gov/publication/s/SummaryPages/2009059.html>
- 8 <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>
- 9 <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC/Data-tables>
- 10 [https://www.ezview.wa.gov/Portals/\\_1987/Documents/Documents/CLARC\\_Ma ster.xlsx](https://www.ezview.wa.gov/Portals/_1987/Documents/Documents/CLARC_Ma ster.xlsx)
- 11 [https://www.ezview.wa.gov/Portals/\\_1987/Documents/Documents/CLARC\\_Ma ster.pdf](https://www.ezview.wa.gov/Portals/_1987/Documents/Documents/CLARC_Ma ster.pdf)
- 12 <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>
- 13 [https://www.ezview.wa.gov/site/alias\\_\\_\\_1987/37504/overview.aspx](https://www.ezview.wa.gov/site/alias___1987/37504/overview.aspx)
- 14 <https://apps.leg.wa.gov/wac/default.aspx?cite=173-340-900>
- 15 <https://apps.leg.wa.gov/wac/default.aspx?cite=173-340-720>
- 16 <https://www.epa.gov/risk/regional-screening-levels-rsls>
- 17 <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC/Latest-news>
- 18 <http://tcp.ecology.commentinput.com/?id=Rm5ge>
- 19 <https://ecology.wa.gov/Spills-Cleanup/Contamination-clean-up/Cleanup-sites/Puget-Sound/Port-Angeles-Harbor/Port-Angeles-Harbor-NRDA>
- 20 <https://www.darrp.noaa.gov/western-port-angeles-harbor>
- 21 <https://www.justice.gov/enrd/consent-decrees>
- 22 <https://fortress.wa.gov/ecy/gsp/docviewer.ashx?did=99321>
- 23 <https://fortress.wa.gov/ecy/gsp/docviewer.ashx?did=99577>
- 24 <https://fortress.wa.gov/ecy/gsp/docviewer.ashx?did=99578>
- 25 <https://ecology.wa.gov/Events/TCP/Western-Harbor-NRDA/Western-Harbor-DARP-Public-Meeting>
- 26 <http://tcp.ecology.commentinput.com/?id=QKdGs>
- 27 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=15156>
- 28 <http://tcp.ecology.commentinput.com/?id=ZGrpE>
- 29 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=6134>
- 30 <http://tcp.ecology.commentinput.com/?id=RSrit>
- 31 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=1678>
- 32 <http://tcp.ecology.commentinput.com/?id=5uM4m>
- 33 <http://bit.ly/BoeingEverettComments>
- 34 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=4534>
- 35 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=96559>
- 36 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=96560>
- 37 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=96155>
- 38 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=96287>
- 39 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=97661>
- 40 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=97758>
- 41 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=97759>
- 42 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=97587>

# Site Register

Washington State Department of Ecology Toxics Cleanup Program



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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=97652>

44

<https://apps.ecology.wa.gov/publications/SummaryPages/2104008.html>

45

<http://tcp.ecology.commentinput.com/?id=MruGU>

46

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=2569>

47

<https://www.portofeverett.com/environment/sep.php#outer-5074sub-5101>

48

<http://tcp.ecology.commentinput.com/?id=k53G4>

49

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=934>

1

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=12589>

51

<http://tcp.ecology.commentinput.com/?id=ECYT6>

52

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=6242>

53

<https://fortress.wa.gov/ecy/gsp/docviewer.ashx?did=97851>

54

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=15365>

55

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=13051>

56 <https://plia.wa.gov/contact-us/>

57 <https://plia.wa.gov/tankntote>

58

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=11325>

59

[http://www.ecy.wa.gov/programs/tcp/tcp\\_acronym\\_list.htm](http://www.ecy.wa.gov/programs/tcp/tcp_acronym_list.htm)

60

<https://apps.ecology.wa.gov/tcpwebreporting/reports/cleanup/all>