

May 6, 2021

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For more information

- Sign up to get the Site Register by email¹
- Find past issues of the Site Register²
- Visit our <u>Public Involvement Calendar³</u>

Questions? Contact Sarah Kellington at: 360-407-7466 or 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 <u>Ecology's</u> <u>Accessibility webpage</u>.⁴ 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 <u>public input and</u> <u>events listings</u>⁵ 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, <u>please let us know</u>.⁶ 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.



Model Remedies for Cleanup of Former Orchard Properties in Central and Eastern Washington

Submit comments online⁷

Or mail comments to:

Jeff Newschwander Program Manager 1250 W. Alder Street, Union Gap, WA 98903-0009

For more information

- Visit Ecology's Former Orchard Lands webpage⁸
- Contact Jeff Newschwander Program Manager Jeff.Newschwander@ecy.wa.gov 509-388-5223

May 7–June 7: Ecology's draft model remedy available for review and comment

We invite you to review and comment on <u>Model Remedies for Cleanup of</u> Former Orchard Properties in Central and Eastern Washington⁹.

This model remedy addresses properties impacted by lead arsenate, a pesticide used from the late 1800s until approximately 1950. Though the resulting lead and arsenic contamination is similar to what is found within the smelter plumes of western and northeast Washington, this document is for the arid, irrigated conditions in central and eastern Washington.

Goals of the model remedy:

- To provide simple sampling and cleanup guidance for any former orchard property;
- To encourage independent cleanup during property redevelopment;
- To provide consistency and clarity for developers and home builders; and
- To encourage independent cleanup during smaller projects involving soil movement, such as landscaping, building a deck, or putting in a swimming pool.





Formal Cleanups

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

KING COUNTY

Boeing Auburn

700 15th St. SW, Auburn

Facility Site ID# 2018 Cleanup Site ID# 5049

Submit comments online¹⁰

Or mail comments to:

Janelle Anderson Community Outreach Specialist NW Regional Office 3190 160th Avenue SE Bellevue, WA 98008-5452

For more information

- Visit Ecology's <u>Boeing Auburn</u> webpage¹¹
- Contact Janelle Anderson Community Outreach Specialist janelle.anderson@ecy.wa.gov 425-649-7286

Información en español

Descargue este <u>documento en</u> <u>español¹².</u>

Si le gustaría recibir documentos en español, por favor llame a Amelia MinVenditti al 360-819-0304 o envíe un correo electrónico a preguntas@ecy.wa.gov.

April 26–June 18: Boeing Auburn cleanup: Draft Feasibility Studies available for review and comment

We invite you to review and comment on these <u>cleanup documents</u>¹³. When the public comment period ends, we'll consider all comments and may change the documents based on them. After considering all comments, the documents will become final.

- Draft feasibility study (FS): The draft FS compares ways to clean up the site's contamination.
- Draft supplemental feasibility study (SFS): The draft SFS addresses concerns Ecology raised when we reviewed the FS Boeing submitted.
- Draft public participation plan (PPP): The draft PPP encourages community involvement in cleanup decisions.
- Boeing's statement on cleanup levels.
- Ecology's response to Boeing's statement on cleanup levels.

Site background

Boeing treated and stored hazardous waste at its Auburn facility and used a liquid, trichloroethlyene (TCE), to clean metal airplane parts. Some of the TCE leaked into soil and groundwater and contaminated the site. The groundwater contamination extends off the Boeing property. Boeing no longer uses TCE, so there is no risk of more TCE contamination from the facility.

Boeing must clean up the contamination. Washington has two clean water standards for cleanup sites: one for groundwater and one for surface water. For TCE, the surface water cleanup standard is about ten times stricter than the groundwater standard. At the Boeing Auburn site Ecology is using the surface water standard as the groundwater cleanup level because the contaminated groundwater goes into surface water. Boeing's position is that the drinking water standard should be used instead of the surface water standard as the cleanup level for groundwater. We'll review Boeing's argument and make a final decision. A computer model of the contaminated groundwater predicted that using enhanced bioremediation and monitored natural attenuation (MNA) would reduce cleanup time.



Enhanced bioremediation

Bioremediation is a natural process where bacteria in the soil "eat" the chemical contaminants. We asked Boeing to install additional wells so they can inject bacteria food into the groundwater and promote faster breakdown of groundwater pollutants.

Monitored natural attenuation (MNA)

Bacteria that live in soil and groundwater can break down chemicals into non-toxic end products.

Monitoring this natural process through MNA keeps track of the contamination until the chemicals in contaminated soil and groundwater are below risk levels set by state law. Throughout the MNA process, we require that Boeing collect and analyze samples to make sure that the concentration of chemicals in the soil and groundwater is declining.

Public meeting:

We hosted a public meeting on April 26 to provide information, answer questions, and collect comments. View a recording of the presentation¹⁴.

Carson Cleaners Site

4701 Brooklyn Ave. NE Seattle

Facility Site ID# **15518216** Cleanup Site ID# **14878**

<u>Submit comments online</u>¹⁵ Or mail comments to:

Dale Myers Site Manager 3190 160th Ave SE Bellevue, WA 98008

For more information

- Visit Ecology's <u>Carson</u> <u>Cleaners Site webpage¹⁶</u> to read the documents
- Contact Dale Myers Site Manager <u>dale.myers@ecy.wa.gov</u> 425-649-4446

April 26–May 25: Agreed order and public participation plan available for review and comment.

Ecology invites you to comment on an Agreed Order (legal agreement) and Public Participation Plan for the Carson Cleaners cleanup site. The legal agreement between Ecology, Tahn Associates LLC, and Carson Cleaners requires the Potentially Liable Persons (PLPs) to conduct a Remedial Investigation and Feasibility Study, and prepare a Draft Cleanup Action Plan.

Chemicals present in the soil and groundwater include:

- Halogenated Volatile Organic Compounds (HVOCs)
- Trichloroethylene (TCE), Tetrachloroethylene (PCE), Vinyl Chloride (VC)
- 1,1-Dichloroethene and 1,2-Dichloroethene, known collectively as Dichloroethene (DCE)

Ecology would like your input on:

- Draft Agreed Order: This legal agreement requires the PLPs to investigate and describe contamination (Remedial Investigation), analyze cleanup options (Feasibility Study), and develop a draft Cleanup Action Plan (dCAP). The dCAP describes how the selected cleanup alternative will be performed. The public will have a chance to make public comments after these documents are created.
- **Public Participation Plan**: This document explains how people can participate in the cleanup process.



Grand Street Commons

1750 22nd Ave S Seattle Seattle

Facility Site ID# **97763114** Cleanup Site ID# **3018**

Submit comments online¹⁷

Or mail comments to:

Sandra Matthews Site Manager 3190 160th Ave SE Bellevue, WA 98118

For more information

- Visit Ecology's <u>Grand Street</u> <u>Commons webpage¹⁸</u>
- Contact Sandra Matthews Site Manager <u>sandra.matthews@ecy.wa.gov</u> 425-649-7206

April 12–May 11: Draft cleanup documents available for public review

Ecology is inviting public comment on cleanup documents for this site:

- **Prospective Purchaser Consent Decree (PPCD) Amendment** directs Grand Street Commons LLC to implement the cleanup of the site.
- **Remedial Investigation and Feasibility Study** determines the type and extent of contamination at the site and evaluates cleanup alternatives.
- **Draft Cleanup Action Plan** Ecology's plan that describes the cleanup work to address contamination at the site.
- State Environmental Policy Act Determination of Non-Significance Ecology's determination that the cleanup work is not likely to harm the environment.

The Grand Street Commons site is in the Judkins Park neighborhood of Seattle. Grand Street Commons, LLC purchased the property to be redeveloped as a transit-oriented mix of affordable and market-rate housing near the planned Judkins Park Light Link Rail Station.

The site has been used for manufacturing, painting, commercial dry cleaning and vehicle repair. Over the last several decades, businesses operating there released hazardous substances into soil and groundwater.

Investigations found the following contaminants of concern in the soil and groundwater:

- Soil: Total Petroleum hydrocarbons (TPH) in the gasoline range (TPH-G), diesel-range hydrocarbons (TPH-D), cadmium, lead, and PCE
- Groundwater: PCE, trichloroethene (TCE), vinyl chloride (VC), 1,4-dioxane, gasoline range (TPH-G), diesel-range hydrocarbons (TPH-D), benzene, xylenes, and arsenic

The levels of contamination are potentially harmful to human health and the environment and must be addressed under Washington's cleanup law.



Landsburg Mine

Kent Kangley Rd & 268th Ave SE, Ravensdale

Facility Site ID# 2139 Cleanup Site ID# 60

Submit comments online¹⁹

Or mail comments to:

Jerome Cruz Site Manager 15700 Dayton Avenue North Shoreline WA, 98133

For more information

- Visit Ecology's Landsburg Mine webpage²⁰
- Contact Jerome Cruz Site Manager jerome.cruz@ecy.wa.gov 425-466-87

May 10–July 8: Consent Decree and Cleanup Action Plan Amendments

Ecology is amending the legal agreement, called a Consent Decree, and the Cleanup Action Plan for the Landsburg Mine site in Ravensdale. They're being amended because trace amounts of a compound called 1,4-Dioxane were discovered in groundwater, in a limited area of the site outside the former coal mine. Ecology wants to ensure that it gets addressed appropriately.

We'd like your input on:

- Cleanup Action Plan Amendment: an update to Ecology's plan that describes the cleanup work to address contamination at the site.
- **Consent Decree Amendment:** an update to the 2017 legal agreement that was signed by Ecology and the Landsburg Mine Potentially Liable Persons (PLP) Group.

Ecology will accept public comments on these documents from May 10 through July 8, 2021.

Online public meeting May 19

Ecology will host a public meeting to present information about these documents and the site.

Wednesday, May 19, 2021 6–7 p.m.: presentation 7 p.m.: Q & A

Register for the online event²¹.



Union Station

411 S Jackson St Seattle

Facility Site ID# **2060** Cleanup Site ID# **3858**

<u>Submit comments online</u>²² Or mail comments to:

Tamara Welty Periodic Review Coordinator PO Box 330316, Shoreline, WA 98133-9716

For more information

Visit Ecology's <u>Union Station</u> webpage²³

Contact Tamara Welty Periodic Review Coordinator tamara.welty@ecy.wa.gov 425-256-1449

May 6–June 4: Union Station Periodic Review

Ecology invites you to review and comment on the periodic review for this site. This review concluded that the current cleanup is not protective of human health or the environment.

The Union Station site includes three parcels that span six city blocks in the International District of Seattle. Former property uses have included a coal gasification plant, an iron manufacturer, and a railroad station. Soil cleanup was done in the late 1990s as part of the property redevelopment.

A periodic review is conducted every five years after a cleanup action when institutional controls are used as part of the remedy. The purpose of the periodic review is to evaluate current site conditions and to ensure continued protection of human health and the environment.

The Periodic Review concluded that groundwater concentrations of acenaphthene, benzene, arsenic, benzo(a)anthracene, chrysene, diesel-range total petroleum hydrocarbons (TPH), and gasoline-range TPH exceed cleanup levels at the conditional point of compliance (the western property boundary) and this contaminated groundwater appears to be migrating offproperty. Therefore, the remedy is not protective of groundwater and marine surface water located downgradient of the property. Based on this, the site failed the periodic review.

Required contingency actions are outlined in the Cleanup Action Plan (CAP). According to the CAP, if any sample exceeds cleanup levels, another sample is to be collected one quarter later. If the second sample exceeds cleanup levels, quarterly monitoring for one year is to commence. Further contingency actions based on those findings (such as monitoring frequency changes or groundwater treatment), as well as the appropriate methods of analyzing the monitoring data, are described in the CAP.

Additionally, vapor intrusion does not appear to have been evaluated at the Site. For example, groundwater concentrations of benzene and naphthalene exceed the groundwater screening levels for vapor intrusion. A vapor intrusion assessment should be completed for the site to determine if vapor intrusion from any of the contaminants of concern is a risk to building occupants.



LEWIS COUNTY

Centralia Landfill

1411 South Tower Ave, Centralia

Facility Site ID# **1154** Cleanup Site ID# **2657**

Submit comments online²⁴

Or mail comments to:

Panjini Balaraju Periodic Review Coordinator PO Box 47775 Olympia, WA 98504-7775

For more information

Visit Ecology's <u>Centralia Landfill</u> webpage²⁵

Contact Panjini Balaraju Periodic Review Coordinator panjini.balaraju@ecy.wa.gov 360-407-6335

April 22–May 23: Draft Third Periodic Review Report available for public comment

When an environmental covenant exists for a cleanup site, we review site conditions about every five years to ensure the long-term effectiveness of the cleanup action.

The <u>periodic review report</u>²⁶ shows that cleanup work remains effective in protecting human health and the environment. We may modify the draft report if new information is submitted during the comment period.

The site is a municipal solid waste landfill that operated from 1958 to 1994. In 1994, a multi-layered cover was installed on the buried waste. The cover prevents stormwater from seeping into the buried material. The cover also directs clean surface water runoff into a wetland area south of the landfill.

A permanent gas collection system was installed to collect and destroy methane that can be generated by decomposition of municpal waste. Groundwater wells were installed around the covered landfill area to monitor metal concentrations and other water quality conditions. Surface water quality has been monitored regularly from a ditch immediatly before the water moves off the site.

The owner is required to continue monitoring groundwater, surface water, and landfill gas as described in the updated 2020 monitoring plan.

The remedy at the Centralia Landfill is considered protective of human health and the environment because the solid waste is contained, landfill gas is collected and destroyed, groundwater is monitored, and surface water is protected.

An environmental covenant was filed for the site in 2001. Among other things, the covenant requires maintaining the integrity of the cap covering buried waste and the fencing to restrict public access to the site. The covenant prohibits activities that may result in release of contaminants contained as part of the cleanup without Ecology's approval, restricts groundwater for any use other than for compliance monitoring, and any use of the property that is not consistent with the covenant.



PIERCE COUNTY

Portac Inc Tacoma

4215 E Frontage Rd (SR 509) Tacoma

Facility Site ID# **1215** Cleanup Site ID# **3642**

Submit comments online²⁷

Or mail comments to:

Andrew Smith cleanup site manager PO BOX 47775, Olympia, WA 98504-7775

For more information

Visit Ecology's Portac Inc Tacoma webpage²⁸

Contact Andrew Smith cleanup site manager <u>andrew.smith@ecy.wa.gov</u> 360-407-6316

April 22–May 23: Draft cleanup documents and SEPA determination available for review and comment

We invite you to review and comment on the following documents:

- The <u>Remedial Investigation (RI) Report</u>²⁹ describes conditions and contamination at the site. The RI is four volumes consisting of the Report and three volumes of appendices: <u>Appendix A³⁰</u>, <u>Appendix B–D³¹</u>, and <u>Appendix E–I³²</u>.
- The <u>Feasibility Study (FS)</u>³³ and the <u>FS Addendum</u>³⁴ compare alternatives for cleaning up the contamination.
- Draft Cleanup Action Plan (dCAP)³⁵ describes our plan for cleaning up contamination at the site.
- <u>Agreed Order DE 15816</u>³⁶ requires the Port of Tacoma (potentially liable person) to implement and maintain the cleanup actions described in the Cleanup Action Plan.
- <u>State Environmental Policy Act (SEPA) Determination of Non-Significance</u>³⁷ describes our determination that cleanup activities are not likely to harm the environment.

The site was a log yard and sawmill. It was contaminated in the 1970s when slag (waste) from the Asarco smelter was brought to the site to support roads for heavy equipment. A wood preservative used at the sawmill containing pentachlorophenol (PCP) was found in soil and groundwater. Prior cleanups included construction of a concrete cap to cover soil containing arsenic and a stormwater system to control movement of water off the cap. Contaminated soil was removed and properly disposed of off-site. Decreasing PCP concentration is still present in one monitoring well in the area where lumber was dipped into a tank containing PCP. The amount of PCP in groundwater is decreasing because of biological activity in the soil.

The cleanup plan describes how to prevent exposure of stormwater and surface water to arsenic-contaminated soil and groundwater, and prevent exposure of surface water to PCP-contaminated groundwater. The stormwater collection system will be improved and a permeable reactive barrier will be installed next to Wapato Creek on the northwestern corner of the site. The barrier reduces arsenic in groundwater as it moves through the barrier. Groundwater will be monitored downgradient of the barrier to ensure its effectiveness and show that PCP contamination continues to decrease. When the site is ready for redevelopment, a new improved cap will be constructed under a separate agreed order.



SKAGIT COUNTY

Shell Puget Sound and Tesoro's Marathon Anacortes Refineries

Shell refinery: 8505 South Texas Rd; Tesoro's Marathon refinery: West March Point Road Anacortes

Facility Site ID# 7 (Shell) and 6 (Tesoro) Cleanup Site ID# 2865 (Shell) and 2212 (Tesoro)

Submit comments online³⁸

For more information

Visit Ecology's <u>Shell Puget Sound</u>³⁹ and <u>Tesoro's Marathon Anacortes</u> <u>Refineries</u>⁴⁰ webpages

Contact Kim Wigfield Permit writer <u>kim.wigfield@ecy.wa.gov</u> 360-407-6931

Document review locations

All documents are available to review online. Due to Covid-19, inperson review is currently unavailable. If you'd like us to send you a copy of the documents for your review, please contact Angelina Ward at 360-407-6916 or angelina.ward@ecy.wa.gov.

April 7–June 7: Oily water sewer dangerous water permits and cleanup documents

We invite you to review and comment on the following documents related to the refineries' oily water sewers:

Shell Puget Sound Refinery

- Draft agreed order⁴¹
- <u>Draft corrective action permit modification</u>⁴²
- SEPA checklist⁴³
- SEPA determination of nonsignificance
- Fact sheet⁴⁴ explaining the changes

Tesoro's Marathon Refinery

- Draft agreed order⁴⁵
- Draft corrective action permit modification⁴⁶
- SEPA checklist⁴⁷
- SEPA determination of nonsignificance⁴⁸
- <u>Fact sheet</u>⁴⁹ explaining the changes

Read the public notice and visit our Shell and Tesoro webpages for more information to review supporting documents.

While we're not aware of any current releases from the oily water sewer, these include requirements to investigate and clean up any soil or groundwater contamination. Contaminants of concern include metals, volatile organics, and semi-volatile organics. A final decision to issue the permit modifications will be made after we have reviewed public comments.

Attend a public hearing

We will hold an <u>online public meeting</u>⁵⁰ to share information about the draft permits, followed by a hearing to accept oral comments:

May 20, 2021 Starting at 4 p.m.



STEVENS COUNTY

Northport Waterfront

Intersection of Hwy 25 and Park Rd Northport

Facility Site ID# **96239** Cleanup Site ID# **14874**

Submit comments online⁵¹

Submit comments online Or mail comments to:

> John Roland Site Manager 4601 N. Monroe St. Spokane, WA 99205

For more information

- Visit Ecology's <u>Northport</u> Waterfront webpage⁵²
- Contact John Roland Site Manager john.roland@ecy.wa.gov 509-435-8661

Document review locations

Due to coronavirus, in-person document reviews are not currently available. Please contact Erika Beresovoy at <u>erika.beresovoy@ecy.wa.gov</u> or 509-385-2290 if you need printed documents.

May 3–June 2: Public comment period: Draft Remedial Investigation and Feasibility Study

We are directing cleanup of smelter-related metals contamination on Northport's Town Park and waterfront. You are invited to comment on the draft <u>Remedial Investigation</u>⁵³ and <u>Feasibility Study</u>⁵⁴ (RI/FS). The RI explains the extent and locations of contaminants, and the FS evaluates cleanup options.

The Le Roi Smelter (also known as the Northport Smelter), which handled copper ores between 1901 and 1911, and lead ores between 1916 and 1921, was just south of the Northport waterfront. Le Roi Smelter operations deposited clinker and granular slag wastes on the waterfront.

Online public meeting, May 19, 6:30 p.m.

We invite you to an online public meeting where we'll share details and answer questions about the RI/FS.

- Join via WebEx
- Join by phone: 1-415-655-0001 Access code: 133 245 0665

Next steps

We will respond to all the comments we receive during the comment period and publish our responses. Then, we will use our assessment of the RI/FS and public input to draft a cleanup action plan. The draft plan will be available for public review and comment before final cleanup begins.



YAKIMA COUNTY

Tiger Oil N 1st St Fmr 6013

1808 N 1st Street, Yakima

Facility Site ID# **477** Cleanup Site ID# **4922**

Submit comments online⁵⁵

For more information

- Visit Ecology's <u>Tiger Oil N 1st St</u> <u>Fmr 6013 webpage⁵⁶</u>
- Contact Frank Winslow Site Manager <u>Frank.Winslow@ecy.wa.gov</u> 509-454-7835

May 11–June 11: Agreed Order available for review and comment

Ecology invites you to review and comment on the Agreed Order for an Interim Action at this site. The site was a gasoline station and convenience store from 1979 until it permanantly closed in 2001. In the 1980s, gasoline contamination was discovered in groundwater. Attempts were made to remove the contamination, but only a small amount was recovered.

You are invited to review and comment on the <u>Draft Agreed Order</u>⁵⁷ dated May 11, 2021. The Agreed Order is for an Interim Action to be completed to clean up the remaining gasoline to protect human health and the environment.





Independent Cleanups

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

SPOKANE COUNTY

GTX Truck Stop

18724 E Cataldo Ave Spokane Valley

Facility Site ID# 63511172 Cleanup Site ID# 7275

Submit comments online⁵⁸

For more information

- Visit Ecology's <u>GTX Truck Stop</u> webpage⁵⁹
- Contact Ted Uecker Site Manager <u>ted.uecker@ecy.wa.gov</u> 509-342-5564

April 19–May 8: Public comment period for removing a restrictive covenant

Ecology invites you to comment on our proposal to remove the restrictive covenant from the GTX Truck Stop site. The covenant was filed in 2005. It is an agreement to use an asphalt ground cover over the petroleum-contaminated soil to stop the spread of contamination.

In November 2020, the site was cleaned up when the underground storage tanks and contaminated soil were removed. Testing afterwards showed that no more cleanup is needed. The owner is planning to sell the property.

Documents about the site are available on our GTX Truck Stop website. The site assessment document is about the cleanup done in 2020. If the restrictive covenant is removed, Ecology will stop monitoring the site.



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 Insuarance 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 (cancercausing) 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 were some contamination remains.



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 Insuarance 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

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 <u>Ecology's website</u>⁶⁰

Site Information Online

Information on all Toxics Cleanup Program sites⁶¹

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 160th Ave. SE Bellevue, WA 98008-5482

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



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http://listserv.ecology.wa.gov/scripts/w a-ECOLOGY.exe?A0=SITEREGISTER

http://tinyurl.com/EcologySiteReg

https://ecology.wa.gov/events-listing

http://www.ecology.wa.gov/Accessibilit y

https://ecology.wa.gov/Events/Search/L isting

⁶ https://ecology.wa.gov/Aboutus/Accountability-transparency/Publicrecords-requests

, . . .

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https://tcp.ecology.commentinput.com/ ?id=tJ7R6

⁸ https://ecology.wa.gov/Spills-Cleanup/Contaminationcleanup/Cleanup-sites/Former-orchardlands

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https://apps.ecology.wa.gov/publication s/SummaryPages/2109006.html

¹⁰ bit.ly/BoeingAuburnComments

¹¹ https://ecology.wa.gov/Spills-Cleanup/Contaminationcleanup/Cleanup-sites/Boeing-Auburn-Fabrication-site

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https://apps.ecology.wa.gov/publication s/SummaryPages/2104021ES.html

¹³ https://bit.ly/ECYBoeingAuburn

¹⁴ https://youtu.be/6lZi1k9gmMY

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https://tcp.ecology.commentinput.com/ ?id=MRV3d

16

https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=14878

¹⁷ http://bit.ly/Ecology-GrandStreetCommons-Comments 18

https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=3018

¹⁹ https://tcp.ecology.commentinput.com/ comment/index?id=ciJUW

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=60

²¹ http://bit.ly/EcologyLandsburgMine
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https://tcp.ecology.commentinput.com/ ?id=5p9ks

https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=3858

24
http://tcp.ecology.commentinput.com/
?id=kV4RF

https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=2657

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=100200

http://tcp.ecology.commentinput.com/ ?id=u3fNM

https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=3642

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=84711

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=85665

³¹ https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=85667

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=85668 33

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=91934

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https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=91947

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https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=98639

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https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=98638

37

https://fortress.wa.gov/ecy/gsp/docvie wer.ashx?did=99859

38

https://hwtr.ecology.commentinput.co m/?id=pW8Dk

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=2865

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=2212

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100083

42

https://fortress.wa.gov/ecy/industrial/U IPermit/ViewDocument.aspx?Document Id=581

43

https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100085

44

https://fortress.wa.gov/ecy/industrial/U IPermit/ViewDocument.aspx?Document Id=582

45

https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100106

46

https://fortress.wa.gov/ecy/industrial/U



IPermit/ViewDocument.aspx?Document Id=583

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100108

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100107

49

https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100110

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https://tinyurl.com/anacortesOWSevent

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http://cs.ecology.commentinput.com/?i d=FmQR5

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=14874

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=87037

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100590

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https://tcp.ecology.commentinput.com/ ?id=tgBNV

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=4922

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https://apps.ecology.wa.gov/gsp/DocVi ewer.ashx?did=100766

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https://tcp.ecology.commentinput.com/ ?id=DrsCt

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https://apps.ecology.wa.gov/gsp/Sitepa ge.aspx?csid=7275

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