

Site Register

February 23, 2023



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ADA Accessibility

To request an ADA accommodation, contact Ecology by phone at 360-407-7170 or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.

News & Notes

Comment on proposed changes to cleanup regulations until April 16

You are invited to comment on proposed changes to the Model Toxics Control Act (MTCA) Cleanup Regulations, [Chapter 173-340 WAC](#)¹. This rule directs the investigation and cleanup of contaminated sites in Washington.

The purpose of the proposed changes is to:

- Improve the site hazard assessment and ranking process.
- Strengthen environmental justice principles when prioritizing and cleaning up sites.
- Update and clarify remedial investigation and remedy selection requirements.
- Clarify which requirements apply to independent remedial actions.
- Improve response to underground storage tank (UST) releases, and maintain federal approval of the state's UST program.
- Advance public participation and tribal engagement.
- Make the rule easier to use and understand.

Find more information and the proposed rule language on the [rulemaking webpage](#)². You can [comment online](#)³, at a public hearing, or by mail to:

Sarah Wollwage
Department of Ecology
PO Box 47600
Olympia, WA 98504-7600

We will hold two public hearings on this proposal via webinar. They will begin with a short presentation and question and answer session, followed by the opportunity to provide testimony.

March 23, 10 a.m. public hearing

[Join March 23 webinar online](#)⁴

or call in toll free 253-215-8782 and enter Meeting ID: 856 6571 0963

March 27, 5 p.m. public hearing

[Join March 27 webinar online](#)⁵

or call in toll free 253-215-8782 and enter Meeting ID: 871 1342 5365

Site Register



Public Participation Grants available soon

For more information

- Contact Faith Wimberley
Faith.Wimberley@ecy.wa.gov
425-275-7285
- Visit the [Public Participation Grants webpage](#)⁶

Public Participation Grants are available to non-profit organizations and individuals. These grants fund a variety of projects that support public involvement in contaminated site cleanup and help improve the public's waste management practices. Awards can be used to:

- Educate about contamination cleanup
- Engage the public in cleanup site decisions
- Reduce waste and pollution
- Increase recycling, green business, and composting

We will award up to 40 Public Participation Grants worth \$60,000 each year for two years. We will be accepting applications starting **April 11**.

Information and help with applications

For more information and help applying, attend a virtual information session:

- [February 28, 1–2:30 p.m.](#)⁷
- [March 9, 9–10:30 p.m.](#)⁸
- [March 15, 5–6:30 p.m.](#)⁹

Comments accepted on draft PFAS guidance until March 3, 2023

[Submit comments online](#)¹⁰

For more information

- Contact Mark Gordon
Environmental Engineer
mark.gordon@ecy.wa.gov
360-407-6357

You're invited to review and comment on Ecology's [Draft Guidance for Investigating and Remediating PFAS Contamination in Washington State](#)¹¹.

Per- and polyfluoroalkyl substances are collectively known as PFAS. This group includes thousands of unique synthetic organic chemicals that are extremely stable and persistent. The draft guidance provides information and direction on:

- Known PFAS impacts across Washington
- Preliminary soil and groundwater cleanup levels
- Sampling options for PFAS compounds
- Approaches to minimize cross-contamination
- Protective concentrations for ecological receptors, and
- Field demonstrated treatment technologies.

The guidance is intended for people involved in cleaning up contaminated properties. It's applicable to both cleanups supervised or conducted by Ecology and independent cleanup actions.

Site Register



Sustainable Remediation Guidance now published

For more information

- Contact Chance Asher
Toxicologist
chance.asher@ecy.wa.gov
360-999-9420

We finalized our [Sustainable Remediation guidance](#)¹², which combines our 2017 *Adaptation Strategies for Resilient Cleanup Remedies* guidance with new green remediation as Appendix D.

What is sustainable remediation?

Our concept of sustainable remediation involves:

- Increasing the resiliency of our cleanup remedies to climate change impacts (e.g., flooding, wildfire, sea level rise).
- Increasing the environmental benefits from cleanup.
- Reducing the environmental impacts from the cleanup process (e.g., waste, emissions).

We needed to update the climate science portion of the 2017 *Adaptation Strategies for Resilient Cleanup Remedies* guidance and decided to include green remediation concepts to make one comprehensive guidance under the banner of sustainable remediation.

What's in the Sustainable Remediation guidance

- Explanation of the climate science (i.e., environmental trends and climate change projections) relevant to our cleanup sites.
- How to do a site-specific vulnerability assessment to understand what climate change impacts may affect the integrity of your site.
- Recommendations on how to increase the resilience of your site to these climate change impacts.
- Recommendations on how to incorporate green remediation into your cleanup work to reduce the environmental impact of the cleanup process and increase the environmental benefits.

Who it's for

This guidance is intended for both site managers and PLPs/consultants. It is divided into different cleanup phases so you can start incorporating resiliency to climate change and green remediation for your site at any stage of the cleanup process.

Site Register



MTCA Capital Account ten-year financing report now available

For more information

- Contact Lyndsay Gordon
TCP Budget Manager
Lyndsay.Gordon@ecy.wa.gov

Every two years, we coordinate with local governments to forecast how much funding Washington state will need to clean up contaminated sites over the next ten years.

We analyzed and published the most recent data in the [MTCA Capital Account Ten-Year Financing Report 2022](#)¹³.

The "ten-year report" shares the list of projects that local governments identified as needing funding, and which of those projects we included in Ecology's 2023–25 budget request to the Governor last fall. It also includes the hundreds of sites Washington state is obligated to clean up, such as orphaned and abandoned sites.

Appendices contain financing tables with project details, as well as the criteria we used when prioritizing projects for funding. We originally shared this criteria with local government staff so they could reference them when applying for remedial action grants and loans, as in [Oversight Remedial Action Grant guidance for 2023–25](#)¹⁴.

The report also has information about environmental justice, our new [Affordable Housing Cleanup Grant Program](#)¹⁵, project maps by county and legislative district, and more.

Why it matters

We produce the Ten-Year Report and its companion report, the [MTCA Biennial Report of Expenditures](#)¹⁶, in alternating years as required by [state law](#)¹⁷. Together, they provide a comprehensive look at how we're using funds from the MTCA accounts and working with you to protect people's health and environment.

Stay on top of funding opportunities

Stay on top of grant & loan application periods by subscribing to our [Remedial Action Grant news](#)¹⁸. Find remedial action grants and loans and see if your project is eligible on our [Grants and loans](#)¹⁹ webpage under **Spills & Cleanup**.

Site Register



CLARC revised January 2023

For more information

- Visit the [CLARC webpage](#)²⁰
- Contact Andy Kallus
Toxicologist
andrew.kallus@ecy.wa.gov
360-878-2952

Ecology's Cleanup Levels and Risk Calculation (CLARC) resource is a collection of technical information for more than 600 chemicals. CLARC has toxicity values, chemical and physical properties, and applicable laws that help site managers and stakeholders determine cleanup levels for contaminated sites. We update it at least once a year. The most recent is always available on our CLARC webpage.

What changed in January 2023

- Added Perfluorobutanoic Acid (PFBA) to CLARC based on available toxicity data from EPA IRIS.
- Updated toxicity values for DDD, DDE, and cis-1,2-dichloroethylene.
- Added cis-1,2-dichloroethylene to the Vapor Intrusion tables based on its new inhalation RfC toxicity value.
- Updated Noncancer Effects tables. Additional chemicals with toxicity data from EPA's IRIS database were added to the noncancer effects table, along with PFAS chemicals and several phthalates. We also updated/corrected the noncancer critical effect for inhaled 1,2,4-trimethylbenzene.
- Our Policy 730 (see announcement on next page) has been rescinded and all of the 40 CFR 131.45 values provided in CLARC have been restored to EPA's regulation. All of the surface water criteria under 40 CFR 131.45 provided in CLARC are applicable federal standards. **Note:** 2,3,7,8-TCDD and thallium are not in the EPA regulation. The EPA approved Washington State's criteria for these chemicals in 2019.
- Published new guidance on using Methods A, B, and C for establishing cleanup levels. The document summarizes the three methods and provides guidance on mixing them.

We are no longer maintaining CLARC sections as individual PDF files. Since CLARC's "Master PDF" file contains the entirety of CLARC's data tables and information, and since we've bookmarked the spreadsheet for easy navigation, we're no longer posting individual PDFs of each media table for download.

Site Register



Toxics Cleanup Program's Interim Policy 730 rescinded

For more information

- Contact Andy Kallus
Toxicologist
andrew.kallus@ecy.wa.gov
360-878-2952
- See the [February 11, 2021, Site Register](#)²¹ announcement for background information.

Effective January 2023, we have rescinded [TCP Interim Policy 730: Taking into account federal human health surface water quality criteria under MTCA](#)²².

The policy is no longer needed, thanks to a change by the Environmental Protection Agency in December 2022.

We issued this interim policy two years ago in response to EPA's 2020 decision to withdraw certain surface water quality standards. The State of Washington challenged EPA's decision in the courts. Because of the uncertainty surrounding the legal challenge, we developed the policy to ensure that surface water quality criteria remained protective at two stages of the MTCA cleanup process:

- When people developed preliminary surface water cleanup levels for the Remedial Investigation/Feasibility Study
- When Ecology developed cleanup levels for the Cleanup Action Plan.

In December 2022, EPA restored their withdrawn values to the federal regulation, [40 CFR 131.45, Revision of certain Federal water quality criteria applicable to Washington](#)²³. These can be applied as applicable federal standards under MTCA.

Site Register



Formal Cleanups

Formal cleanups are supervised or conducted by Ecology under legal agreements.

CLARK COUNTY

ST Services Nustar Energy LP

5420 NW Fruit Valley Rd
Vancouver

Facility Site ID# **61862781**

Cleanup Site ID# **568**

[Submit comments online](#)²⁴

Or mail comments to:

Andrew Smith
Site Manager
Department of Ecology
PO Box 47775
Olympia, WA 98504-7775

For more information

- Visit Ecology's [ST Services Nustar Energy LP webpage](#)²⁵
- Contact Matt Fuller
Outreach Specialist
matt.fuller@ecy.wa.gov
360-485-5340

Document review locations

- Fort Vancouver Regional Library
1007 E. Mill Plain Blvd.,
Vancouver

Feb. 9–March 10: Agreed Order and cleanup documents available for review and comment

We invite you to review and comment on several documents for this site.

- Remedial Investigation report
- Supplemental Remedial Investigation and Feasibility Study
- Draft Cleanup Action Plan (CAP)
- Agreed Order, a legal agreement between Ecology and the NuStar Terminals Operations Partnership LP
- State Environmental Policy Act (SEPA) Determination of Non-Significance

The site is a tank farm with seven large aboveground storage tanks used to store petroleum products. In 2001, Ecology learned about a gasoline spill at the site. Investigations showed that gasoline, diesel, naphthalene and BTEX contaminated soil and groundwater.

- Remove contaminated soil to a depth of approximately 12 feet in the north and west areas of the site
- Install and operate a groundwater extraction, treatment, and recirculation system in those areas
- Inject biostimulants to enhance biodegradation and reduce contaminant concentrations in groundwater near the Vapor Recovery Unit in the central site area.
- Create a soil management plan and monitor the natural attenuation of contaminated soil in the vicinity of the truck loading area.

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

Site Register



FRANKLIN COUNTY

Chevron Pipe Line Pasco Bulk Terminal

2900 Sacajawea Park Road
Pasco

Facility Site ID# **55763995**
Cleanup Site ID# **4867**

[Submit comments online](#)²⁶
or mail comments to:

Christer Loftenius
Site Manager
4601 N. Monroe St.
Spokane, WA 99205

For more information

- Visit Ecology's [Chevron Pipe Line Pasco Bulk Terminal webpage](#)²⁷
- Contact Christer Loftenius
Site Manager
christer.loftenius@ecy.wa.gov
509-385-8380

Document review locations

Ecology's Eastern Regional Office:
4601 N. Monroe St., Spokane.
Please call 509-329-3415 to make
an appointment.

Feb. 6–March 7: Draft Cleanup Action Plan available for review and comment

Ecology is asking for your comments on the draft [Cleanup Action Plan](#)²⁸ for this site. The plan calls for finishing cleaning up petroleum contamination in groundwater by:

- Adding sleeves with oxygen-releasing compounds to the monitoring wells to increase oxygen in the groundwater. Oxygen helps break down petroleum in groundwater more quickly.
- Continuing to monitor groundwater quality to track cleanup progress.
- Maintaining barriers to keep the public from accessing the site and contacting contamination, including signs, fences, and prohibiting groundwater use.

The estimated cleanup time for this plan is 5 to 15 years at a cost of \$786,400.

The draft [legal agreement](#)²⁹ requiring Tesoro Logistics, LLC, to complete the cleanup is also available for public comment.

Next steps

Ecology will respond to all the comments we receive by March 7, 2023, and publish our responses after that. We will hold an online public meeting if at least 10 people request it.

If we receive comments that cause us to change the draft Cleanup Action Plan, it will be available for public comment for another 30 days. If not, the plan will become final, and Tesoro will follow it to continue cleaning up the petroleum contamination in groundwater.

Site Register



KING COUNTY

Boeing Kent Space Center

20403 68th Ave S Kent, Kent

Facility Site ID# **2099**

Cleanup Site ID# **12671**

[Submit comments online](#)³⁰

Or mail comments to:

Janelle Anderson
Ecology Northwest Region Office
HWTR
15700 Dayton Ave N.
Shoreline, WA 98133-9716

For more information

- Visit Ecology's [Boeing Kent Space Center webpage](#)³¹
- Contact Janelle Anderson Outreach specialist
janelle.anderson@ecy.wa.gov
425-301-6454

Document review locations

- Department of Ecology Northwest Region Office
15700 Dayton Ave N.
Shoreline
To schedule an appointment, please contact Michael Hart, Public Disclosure Coordinator, at michael.hart@ecy.wa.gov

Feb. 27–April 21: Comment on cleanup documents

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

- **Draft Permit:** Allows cleanup work at the facility to continue.
- **Draft Agreed Order Modification:** We modified the agreed order to require a feasibility study about how to clean up the contamination.
- **Draft Public Participation Plan (PPP):** This encourages community involvement in cleanup decisions.

To request a public hearing, contact Janelle Anderson.

Boeing has conducted research and manufacturing here since the 1960s. These activities led to contaminated soil and groundwater.

In 2016, Ecology and Boeing signed an Agreed Order requiring a Remedial Investigation (RI). Boeing submitted several RI revisions, and their RI was approved in 2022. Ecology amended the agreed order to require Boeing to do a focused Feasibility Study about the arsenic-contaminated groundwater on site and whether an environmental covenant for the property is required.

Contaminants found in groundwater and soil include:

- Volatile organic compounds (VOCs), such as benzene and vinyl chloride. These chemicals cause cancer.
- Petroleum hydrocarbons (the main parts of gasoline and oil).
- Semi-volatile organic compounds (SVOCs), including polycyclic aromatic hydrocarbons (PAHs). These chemicals are formed when gasoline or trash are burned. PAHs are suspected to cause cancer.
- Polychlorinated biphenyls (PCBs), long-lasting chemicals formerly used in industry. Health effects of PCBs can include cancer and immune system damage. Read [more about PCBs](#).³²
- Toxic metals, such as arsenic. Arsenic is naturally occurring and is mobilized by some forms of contamination. Arsenic is poisonous and regulated in public drinking water.

Contamination at this site is relatively low, and people are not being exposed, however, Boeing must clean up the contamination.

Site Register



Duwamish Waterway Park

7900 10th Ave S
Seattle

Facility Site ID# **49919**
Cleanup Site ID# **15139**

[Submit comments online](#)³³

Or mail comments to:

David Butler
Site Manager
PO Box 330316
Shoreline, WA 98133

For more information

- Visit Ecology's [Duwamish Waterway Park webpage](#)³⁴
- Contact David Butler
Site Manager
david.butler@ecy.wa.gov
206-518-3513

Document review locations

- Seattle Public Library
South Park Branch
8604 8th Ave S., Seattle

For document review assistance,
please contact Ian Fawley,
Outreach Planner
ian.fawley@ecy.wa.gov
425-324-5901

Jan. 30–March 15: Documents ready for public review and comment

Ecology negotiated a legal agreement called an Agreed Order with the City of Seattle, the Potentially Liable Person for the Duwamish Waterway Park cleanup site. The Agreed Order requires the City to address contamination at the site. We would like your input on the following documents:

- **Agreed Order:** legal document that requires the City to investigate environmental conditions, complete a Remedial Investigation, Feasibility Study, and a draft Cleanup Action Plan.
- **Public Participation Plan:** describes how Ecology will inform the community about site activities and ways to become involved.

Remedial actions completed between 2014 – 2022 confirmed the following contaminants of concern are present in soils at the site:

- Arsenic, lead, mercury, and other metals
- Polychlorinated biphenyls (PCBs)
- Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs)
- Dioxins and furans
- Petroleum and phthalates
- Other organic contaminants

Site Register



KITSAP COUNTY

Norseland Landfill

8651 State Highway 3 SW
Bremerton

Facility Site ID# **2627**
Cleanup Site ID# **761**

[Submit comments online](#)³⁵

Or mail comments to:

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

For more information

- Visit Ecology's [Norseland Landfill webpage](#)³⁶
- Contact Tamara Welty
Periodic Review Coordinator
tamara.welty@ecy.wa.gov
206-594-0090

Document review locations

Ecology Northwest Region Office
15700 Dayton Ave N,
Shoreline WA 98133

Feb. 23–March 24:

Periodic review available for comment

Ecology conducts reviews about every five years when some contamination remains on-site after cleanup. Periodic reviews evaluate current site conditions to ensure continued protection of human health and the environment.

We invite you to comment on a periodic review for this site. This review concluded that the cleanup actions completed at the site are still protecting human health and the environment.

This site has been a military base, a landfill, and a mobile home park. The U.S. Army acquired the site in 1943. They removed or burned all buildings and debris before transferring the land back to Kitsap County in 1948. Puget Service Company leased the land and operated a landfill between 1951 and 1961. The landfill was the disposal site for the City of Bremerton. Puget Service Company closed the landfill consistent with standards acceptable in 1961. In 1962 Kitsap County leased property to a developer who built a mobile home park called the Norseland Mobile Estates. In 1963 Kitsap County gave the property to the Port of Bremerton, the current owner.

In 1991 Ecology received reports that odors had been detected by mobile home park residents. A remedial investigation and feasibility study was conducted and a cleanup action plan developed. The mobile home park residents were moved to a new mobile home park in Port Orchard.

Cleanup activities were completed under a consent decree. Waste was consolidated in a designated area and covered with a permeable soil cap with plants. Ongoing cap maintenance, surface water control, and compliance monitoring for groundwater and ambient air contamination is required. A restrictive covenant was recorded with Kitsap County.

Groundwater and ambient air compliance monitoring was conducted from 2001 to 2006. Over this interval, site contaminants of concern were not detected above their respective cleanup levels. The site was removed from the Hazardous Sites List in 2011 after a public notice and comment period.

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

LEWIS COUNTY

Wolfe & Parks Properties

149 & 167 E Main Ave
Morton

Facility Site ID# **79375447**
Cleanup Site ID# **342**

[Submit comments online](#)³⁷

Or mail comments to:

Nancy Davis
Outreach Specialist
WA Department of Ecology
PO Box 47775
Olympia, WA 98504-7775

For more information

- Visit Ecology's [Wolfe & Parks Properties webpage](#)³⁸
- Contact Nancy Davis
Outreach Specialist
nancy.davis@ecy.wa.gov
360-489-4971

Document review locations

Department of Ecology
Southwest Regional Office
300 Desmond Drive SE, Lacey
Please call 360-407-6365 to make
an appointment.

Jan. 26–Feb 27: Draft Second Periodic Review Report available for public comment

If contamination remains at a site after cleanup, we review conditions about every five years to make sure the cleanup action is still effective. The review of site conditions is summarized in a periodic review report.

The [periodic review report](#)³⁹ for this site shows the cleanup is still effectively protecting human health and the environment.

From 1924 to the late 1970s, the site was a bulk fuel storage facility. The storage tanks and distribution system have been removed. Now there is a store and a restored rail depot museum on the site.

In 2003, petroleum contamination was found in the soil and groundwater at the site. To clean it up, contaminated soil was removed, and contaminated groundwater was treated.

Some of the contaminated soil could not be excavated without risking damage to buildings. Some contaminated soil is still at the site, covered by buildings and pavement.

After cleanup, monitoring showed that contaminant concentrations in groundwater decreased. The petroleum left in the soil does not appear to be adding to the groundwater contamination.

An environmental covenant was filed with the county in 2011. Among the covenant's restrictions, extracting groundwater at the site for any use is prohibited. Any activities that could result in the release of contaminants that remain at the site are prohibited without prior written approval by us.

We will consider your comment. If there is no significant new information submitted during the comment period, then we will finalize the report.

Site Register



PEND OREILLE COUNTY

Airport Kwik Stop

Highway 31 & Greenhouse Road
Ione

Facility Site ID# **32584416**

Cleanup Site ID# **4203**

[Submit comments online](#)⁴⁰

Or mail comments to:

Justin Rice
Site Manager
4601 N. Monroe St.
Spokane, WA 99205

For more information

- Visit Ecology's [Airport Kwik Stop webpage](#)⁴¹
- Contact Justin Rice
Site Manager
justin.rice@ecy.wa.gov
509-724-8268

Document review locations

Ecology's Eastern Regional Office:
4601 N. Monroe St., Spokane
Please call 509-329-3415 to make
an appointment.

Jan. 30–March 1: Draft soil excavation plan and State Environmental Policy Act (SEPA) documents available for review and comment

Ecology is directing cleanup of petroleum contamination in soil and groundwater at the former Airport Kwik Stop. You are invited to comment on the [draft plan to excavate shallow contaminated soil](#)⁴² and the related [SEPA documents](#)⁴³. We have reviewed the excavation plans using the SEPA checklist, and decided they won't negatively affect people or the environment.

This work would include:

- Removing and disposing the existing fuel pumps and associated piping.
- Removing and disposing the metal awning and associated infrastructure attached to the Airport Kwik Stop building.
- Excavating and disposing petroleum-contaminated soil.
- Treating the excavated area to break down remaining contamination faster.
- Installing piping at the base of the excavation to apply additional treatments, as necessary.
- Backfilling the excavated area with clean gravel.

Next steps

We will respond to all the comments we receive during the comment period and publish our responses. We will hold an online public meeting if at least 10 people request it. If we receive comments that cause us to change the draft plan to excavate contaminated soil, it will be available for public comment for another 30 days. If not, we will move forward with removing contaminated soil.

Site Register



WHATCOM COUNTY

Plantation Rifle Range

5102 Samish Way
Bellingham

Facility Site ID# **21444552**
Cleanup Site ID# **15182**

[Submit comments online](#)⁴⁴

Or mail comments to:

Janelle Anderson
Department of Ecology
Northwest Region Office
P.O. Box 330316
Shoreline, WA 98133

For more information

- Visit Ecology's [Plantation Rifle Range webpage](#)⁴⁵
- Contact Janelle Anderson
HWTR Corrective Action
janelle.anderson@ecy.wa.gov
425-301-6454

Document review locations

- Ecology's Northwest Region
Office
15700 Dayton Ave N., Shoreline
206-594-0000
- Bellingham Public Library
Central Branch
210 Central Avenue, Bellingham
360-778-7323

Feb. 13- March 17: Comment on cleanup documents

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

- **Draft Agreed Order (AO):** Requires Whatcom County to find site contamination and clean it up.
- **Interim Action:** To expedite the cleanup process, the county is assessing the site contamination as an interim action.
- **Draft Public Participation Plan (PPP):** Encourages community involvement in cleanup decisions.

At this time, there are no public meetings scheduled. To request one please call 425-301-6454 or email janelle.anderson@ecy.wa.gov.

Whatcom County Parks & Recreation operates the Plantation Rifle Range. The range opened in 1971 and is on property owned by Bertch Timberlands, LLC. It's one of two public shooting ranges in Washington.

Ruby Creek and wetlands are along the eastern boundary of the rifle range. Ruby Creek is a major tributary to Finney Creek, which flows into Lake Samish. Lake Samish is a drinking water supply to area residents around the lake.

We collected soil and surface water samples that had lead above regulatory standards.

While the amount of lead is above regulatory standards, the tests have not shown the levels to be dangerous to humans. Lead levels from the tests are below the standard for drinking water.

Lead is a toxic metal that impairs brain function. Exposure to lead causes noticeable developmental delays in children. For more information about lead, see [Health Effects of Lead Exposure](#)⁴⁶ a webpage by the Centers for Disease Control and Prevention.

We will follow Washington's cleanup process to clean up the site. This site is in the "Initial Investigation" phase. The first step is to conduct extensive sampling.

After the comment period ends, we'll review and consider all comments received. The documents may change based on your comments. After we consider all comments, the documents will become final.

Site Register



YAKIMA & KITTITAS COUNTIES

Yakima Training Center

Yakima and Kittitas Counties
Yakima, Washington

Facility Site ID# **105**
Cleanup Site ID# **2301**

[Submit comments online](#)⁴⁷

For more information

- Visit Ecology's [Yakima Training Center webpage](#)⁴⁸
- Contact Sheila Coughlan
Public Involvement Coordinator
sheila.coughlan@ecy.wa.gov
360-480-7127

Document review locations

- Yakima Valley Central Library
102 North 3rd Street, Yakima
509-452-8541
- Ecology's Central Region Office
1250 West Alder St., Union Gap
Please call 509-575-2490 to
make an appointment

Feb. 6-March 22: Cleanup documents available for public review and comment

The Department of Ecology (Ecology) wants your input on an Enforcement Order, Permit for Corrective Action, and Public Participation Plan for the Yakima Training Center cleanup site.

- The [Enforcement Order](#)⁴⁹ requires that the U.S. Army fully investigate and clean up contaminated areas on the site to meet both state and federal standards. It ensures that the public and Ecology have opportunities to review and comment on the Army's investigation and cleanup activities.
- The [Permit for Corrective Action](#)⁵⁰ provides oversight and a regulatory framework regarding dangerous waste activities, including cleanup.
- The [Public Participation Plan](#)⁵¹ describes how we will inform the community about site activities and opportunities to engage in the cleanup process.

Past military and maintenance activities resulted in multiple releases of contaminants to soil and groundwater at the Yakima Training Center. While some contamination has been cleaned up, there are areas that still do not meet soil or groundwater cleanup standards and have yet to be properly investigated.

Independent Cleanups

KING COUNTY

Upper Hudson Street

4815 15th Avenue SW
Seattle

Facility Site ID# **6149702**
Cleanup Site ID# **2597**

[Submit comments online](#)⁵²

Or mail comments to:

Frank Winslow
Project Manager
1250 W Alder Street

For more information

- Visit Ecology's [Upper Hudson Street webpage](#)⁵³
- Contact Frank Winslow
Project Manager
frank.winslow@ecy.wa.gov
509-424-0543

Document review locations

Seattle Public Library
Southwest Branch
9010 35th Ave SW, Seattle

Feb. 3–March 7: Proposed removal from the Hazardous Site List

We propose removing this site from the Hazardous Sites List.

The property is currently being developed as the Heron's Nest Outdoor Education Center.

A cleanup action report was prepared in 2022 and shows that contaminated soil above the Model Toxics Control Act cleanup levels have been removed and the site needs no further action.

We invite you to send your comments about the proposed delisting.

Site Register



SNOHOMISH COUNTY

North Marina Bayside ABW Site

1332 West Marine View Drive
Everett

Facility Site ID# **9286485**

Cleanup Site ID# **2224**

[Submit comments online](#)⁵⁴

Or mail comments to:

Ryan Hardwick
Baywide Coordinator
PO Box 47600
Olympia, WA 98504-7600

For more information

- Visit Ecology's [North Marina Bayside ABW Site webpage](#)⁵⁵
- Contact Ryan Hardwick
Baywide Coordinator
ryan.hardwick@ecy.wa.gov

Document review locations

- Everett Library
2702 Hoyt Avenue, Everett
425-257-8000
- Department of Ecology
300 Desmond Drive SE, Lacey,
Please call 360-407-7170 to
make an appointment

Feb. 23–March 25: Periodic Review available for review and comment

Ecology conducts reviews about every five years when some contamination remains on-site after cleanup. Periodic reviews evaluate current site conditions to ensure continued protection of human health and the environment.

The periodic review shows that cleanup actions remain effective at this site.

Background

The site was a gravel boatyard, a storage building for boats, and a maintenance shop. In 2008 the buildings were demolished. Previous activities at the site contaminated the soil and groundwater. It was cleaned up through Ecology's Voluntary Cleanup program.

Cleanup activities included excavating and disposing of the contaminated soil. Groundwater monitoring also found arsenic in the groundwater, but sampling determined that it occurred naturally. Ecology filed an environmental covenant to continue monitoring the groundwater.

In 2015 Ecology issued a no further action determination on this property. The land was subdivided and redeveloped into an apartment building, hotel, and restaurant.

Next steps

We will review all comments received during the comment period and update the periodic review if needed. If no significant changes are made, the periodic review will become final. If significant changes are made, an additional public comment period will be held. We will hold an online public meeting if 10 or more people request one.

Site Register



SPOKANE COUNTY

Avista Corp Spokane Service Center

1411 E Mission Avenue
Spokane

Facility Site ID# **31739484**
Cleanup Site ID# **3512**

[Submit comments online](#)⁵⁶

Or mail comments to:

Ted Uecker
Site Manager
4601 N. Monroe St.
Spokane, WA 99205

For more information

- Visit Ecology's [Avista Corp Spokane Service Center webpage](#)⁵⁷
- Contact Ted Uecker
Site Manager
ted.uecker@ecy.wa.gov
509-342-5564

Document review locations

Ecology's Eastern Regional Office:
4601 N. Monroe St., Spokane
Please call 509-329-3415 to make
an appointment.

Feb. 13–March 15: Comment on proposed removal from the Hazardous Sites List

We invite you to comment on our proposal to remove this cleanup site from the Hazardous Sites List. You may review our [no further action letter](#)⁵⁸, describing what was done to clean up the site, and review other [site documents](#)⁵⁹.

The Hazardous Sites List includes all contaminated sites that have had their hazard ranked relative to other known contaminated sites in Washington. Sites are ranked on a scale of 1 to 5 with 1 presenting the highest risk. This site was ranked a 5 due to polycyclic aromatic hydrocarbons (PAHs) and petroleum hydrocarbons in soil and groundwater.

Some contaminated soil was excavated and taken to a landfill. The rest that couldn't be removed without damaging buildings or utilities was capped with a protective liner and a drainage system was installed to direct rain and snow melt away. An environmental covenant was filed to document the remaining soil contamination. Avista sampled five groundwater monitoring wells quarterly from 2019 to 2021, when all samples met water quality standards. Ecology then issued a no further action opinion, stating cleanup is complete.

Next steps

We will remove the site from the Hazardous Sites List if no significant changes are made due to public comments. We will hold an online public meeting if 10 people request it. After the comment period, Ecology will review and respond to comments. We will send our response to comments document to anyone who provided contact information, and it will be posted online.

Site Register



YAKIMA COUNTY

Alders Chevron

1702 E Yakima Avenue
Yakima

Facility Site ID# **511**
Cleanup Site ID# **4931**

[Submit comments online](#)⁶⁰

For more information

- Contact William Fees
Site Manager
pliamail@plia.wa.gov

Document review locations

- [PLIA's Alders Chevron webpage](#)⁶¹
- [Ecology's Alders Chevron webpage](#)⁶²

Jan. 26–Feb. 24: Proposed removal from the Hazardous Sites List

The Washington State Pollution Liability Insurance Agency (PLIA) invites the public to comment on their proposal to remove this site from Ecology's Hazardous Sites List.

The site is currently an automobile dealership. It is roughly 1.79 acres of commercial land with vacant building and a parking lot used to display vehicles. The site was a Chevron-branded service station from at least 1970 until 1992 when it was sold.

The old service station had

- one 5,000-gallon underground storage tank (UST)
- two 10,000-gallon USTs containing unleaded gasoline
- one 1,000-gallon waste oil UST
- one 1,000-gallon heating oil UST.

A petroleum release was discovered in 1992, when the waste oil and heating oil USTs were removed. Between December 1992 and January 1993, the three gasoline USTs were removed. The polluted soil from the site has been removed, and groundwater monitoring conducted from 2021 and 2022 shows that contaminants are below the state cleanup levels for four consecutive quarters.

PLIA performed regulatory oversight of the site under the agency's Technical Assistance Program (TAP). Based on the site review, PLIA determined that the site meets the requirements of the state clean up regulations and no longer poses a threat to human health or the environment.

Site Register



More information

ABOUT THE SITE REGISTER

- [Receive the Site Register by email](#)⁶³
- Find [past issues of the Site Register](#)⁶⁴

Questions about the Site Register?
Contact Sarah Kellington at 360-280-3167
or sarah.kellington@ecy.wa.gov.

ONLINE RESOURCES

- Find information on [any cleanup site](#)⁶⁵
- Look up [terms in the glossary](#)⁶⁶
- See [events and comment periods](#)⁶⁷

ECOLOGY REGIONAL OFFICES

Central Region Office

1250 W. Alder St.
Union Gap, WA 98903-0009

Eastern Region Office

4601 N. Monroe
Spokane, WA 99205-1295

Headquarters

300 Desmond Drive SE
Lacey, WA 98503

Northwest Region Office

15700 Dayton Ave N.
Shoreline, WA 98133

Southwest Region Office

300 Desmond Drive SE
Lacey, WA 98503

¹ <https://app.leg.wa.gov/WAC/default.aspx?cite=173-340>

² <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>

³ <https://tcp.ecology.commentinput.com/?id=uJVx2>

⁴ <https://waecy-wa.gov.zoom.us/j/98185347658>

⁵ <https://waecy-wa.gov.zoom.us/j/98185347658>

⁶ <https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Public-participation-grants>

⁷ <https://waecy-wa.gov.zoom.us/j/98185347658>

⁸ <https://waecy-wa.gov.zoom.us/j/98185347658>

⁹ <https://waecy-wa.gov.zoom.us/j/98185347658>

¹⁰ <https://tcp.ecology.commentinput.com/?id=N4Uca>

¹¹ <https://apps.ecology.wa.gov/publications/SummaryPages/2209058.html>

¹² <https://apps.ecology.wa.gov/publications/SummaryPages/1709052.html>

¹³ <https://apps.ecology.wa.gov/publications/summarypages/2209080.html>

¹⁴ <https://apps.ecology.wa.gov/publications/SummaryPages/2209043.html>

¹⁵ <https://ecology.wa.gov/Affordable-Housing-Cleanup-grants>

¹⁶ <https://apps.ecology.wa.gov/publications/SummaryPages/2109043.html>

¹⁷ <https://app.leg.wa.gov/rcw/default.aspx?cite=70A.305.030>

¹⁸ https://public.govdelivery.com/accounts/WAECY/subscriber/new?topic_id=WACEY_110

¹⁹ <https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans>

²⁰ www.ecology.wa.gov/clarc

²¹ <https://apps.ecology.wa.gov/publications/SummaryPages/2109041C.html>

Site Register



22	https://apps.ecology.wa.gov/publications/SummaryPages/2009059.html	37	http://tcp.ecology.commentinput.com/?id=S7cK5	52	https://tcp.ecology.commentinput.com/?id=AjWBS
23	https://www.govregs.com/regulations/title40_chapterI-i23_part131_subpartD_section131.45	38	https://apps.ecology.wa.gov/cleanupse/arch/site/342	53	https://apps.ecology.wa.gov/cleanupse/arch/site/2597
24	https://tcp.ecology.commentinput.com/?id=sCWet	39	https://apps.ecology.wa.gov/cleanupse/arch/document/120295	54	https://tcp.ecology.commentinput.com/?id=GUuAZ
25	https://apps.ecology.wa.gov/cleanupse/arch/site/568	40	https://tcp.ecology.commentinput.com/?id=thNab	55	https://apps.ecology.wa.gov/cleanupse/arch/site/2224
26	https://tcp.ecology.commentinput.com/?id=d5NJh	41	https://apps.ecology.wa.gov/cleanupse/arch/site/4203	56	https://tcp.ecology.commentinput.com/?id=Wra78
27	https://apps.ecology.wa.gov/cleanupse/arch/site/4867	42	https://apps.ecology.wa.gov/cleanupse/arch/document/120773	57	https://apps.ecology.wa.gov/cleanupse/arch/site/3512
28	https://apps.ecology.wa.gov/cleanupse/arch/document/121014	43	https://apps.ecology.wa.gov/cleanupse/arch/document/121044	58	https://apps.ecology.wa.gov/cleanupse/arch/document/119788
29	https://apps.ecology.wa.gov/cleanupse/arch/document/121516	44	https://hwtr.ecology.commentinput.com/?id=8HfpB	59	https://apps.ecology.wa.gov/cleanupse/arch/site/3512#site-documents
30	https://hwtr.ecology.commentinput.com/?id=KAjMp	45	https://apps.ecology.wa.gov/cleanupse/arch/site/15182	60	https://plia.wa.gov/contact-us/
31	https://apps.ecology.wa.gov/cleanupse/arch/site/12671	46	https://www.cdc.gov/nceh/lead/prevention/health-effects.htm	61	https://plia.wa.gov/proposed-delisting-alders-chevron/
32	https://www.epa.gov/pcbs	47	https://hwtr.ecology.commentinput.com/?id=sNEu9	62	https://apps.ecology.wa.gov/cleanupse/arch/site/4931
33	https://tcp.ecology.commentinput.com/?id=TS6Uj	48	https://apps.ecology.wa.gov/cleanupse/arch/site/2301	63	https://public.govdelivery.com/accounts/WAECY/subscriber/new?topic_id=WAECY_118
34	https://apps.ecology.wa.gov/cleanupse/arch/site/15139	49	https://apps.ecology.wa.gov/cleanupse/arch/document/119818	64	http://tinyurl.com/EcologySiteReg
35	https://tcp.ecology.commentinput.com/?id=Kx2dM	50	https://apps.ecology.wa.gov/cleanupse/arch/document/121219	65	https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites
36	https://apps.ecology.wa.gov/cleanupse/arch/site/761	51	https://apps.ecology.wa.gov/publications/SummaryPages/2304005.html	66	https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Toxic-cleanup-acronyms