

Site Register

Washington State Department of Ecology Toxics Cleanup Program



May 21, 2020

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For more information

- [Sign up to get the Site Register by email](#)¹
- Find [past issues of the Site Register](#)²
- Visit our [Public Involvement Calendar](#)³ to see all public comment periods and events.

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 [Ecology's Accessibility webpage](#).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 the coronavirus (COVID-19) by supporting social distancing and other directives from Governor Inslee as well as federal, state, and local health officials.

We have a few important updates to share with you:

- **As of March 24, all Department of Ecology buildings are closed to the public until further notice under Governor Inslee's "[Stay Home - Stay Healthy](#)" proclamation.**⁵ This includes all headquarter, regional, and field offices.
- **We are still operating**, and you can reach staff from any of our offices via email and phone.
- All currently scheduled public meetings have been changed and/or rescheduled to **online-only meetings**. Visit our [public input and events listings](#)⁶ for up-to-date information on public meetings.
- Due to the potential health risks presented by COVID-19, **in-person document and record reviews are not currently available**. All public libraries and other repositories that are listed in previous Site Register editions as document review locations are also closed. If you would like to request to receive specific records electronically, [please let us know](#).⁷

NOTE: 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 the 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.

For the latest information, please visit the state's coronavirus website at <https://coronavirus.wa.gov>.

GRANT FUNDING

Independent cleanup grant application review on hold, applications still 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](#).⁸

These applications are accepted on an ongoing basis throughout the biennium, regardless of funding availability.

Limited funding available for integrated planning grants

We have limited Integrated Planning Grant (IPG) funding available, and some funding may be available for affordable housing related cleanup projects. For questions about a potential brownfield

The next funding evaluation cycle is scheduled to close **June 18, 2020**. However, because of the impact of the coronavirus on Washington's economy and the uncertainty of the impact to state revenue, we will not be evaluating applications at this time.

Please view our website for the most up to date information.

redevelopment project and whether it qualifies for an IPG, contact one of the IPG Coordinators listed on our [Integrated Planning Grant webpage](#).⁹

CHANGES TO OVERSIGHT & SAFE DRINKING WATER ACTION GRANTS

Permits required before recipients can receive funding

Local governments must now obtain all permits for their cleanup project before they can receive grant funding or loans for that project. This is due to a change to the Model Toxics Control Act in 2019.

We have created a [focus sheet](#)¹⁰ that describes what you'll need to know about this change. It also describes how we'll incorporate the permitting condition for oversight grants and loans and safe drinking water action grants.

CHAPTER 173-340 WAC UPDATE

Stakeholder & Tribal Advisory Group meetings moved online

With the recent extension of the 'Stay Safe, Stay Home' order, we will be holding all STAG meetings online until further notice. Because of this, we are breaking the May meeting into **three shorter webinars**.

The first webinar will be held **Thursday, May 28, 2020 from 9:00-11:45 AM** (meeting 5A) – Ecology staff will introduce a review packet with updates to the [Model Toxics Control Act \(MTCA\) Cleanup Rule](#),¹¹ Sections 350, 360, and 370.

We are working to schedule the second and third meetings in early June, when STAG will consider

these updates in detail. We will provide more information about these meetings as soon as it is available.

You are welcome to observe STAG meetings online as a member of the public. There will be an opportunity for public comment at the end each meeting. To learn how to join the webinar, visit the [STAG webpage](#)¹² and click on the highlighted link for meeting 5A.

You can learn more about the rulemaking on our [website](#).¹³ For questions about the cleanup rule update, contact Clint Stanovsky, Rulemaking Lead, at Clinton.Stanovsky@ecy.wa.gov or 360-407-7193.

Formal Cleanups

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

KING COUNTY

Terminal 115 Plant 1

6020 W Marginal Way SW
Seattle

Facility Site ID# **98422914**
Cleanup Site ID# **11307**

[Submit comments online](#)¹⁴

Or send comments by mail to:

Maureen Sanchez
3190 160th Ave SE
Bellevue WA 98008

For more information

- Visit [Ecology's Terminal 115 Plant 1 webpage](#)¹⁵
- Contact Maureen Sanchez
Site Manager
Maureen.Sanchez@ecy.wa.gov
425-649-7254

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public Comment Period: April 27 – May 26, 2020

Documents available for review and comment

We are inviting public comment on cleanup documents for the Terminal 115 Plant 1 Site. The following documents are available for review and comment:

- [Agreed Order](#)¹⁶ – requires the potentially liable person (PLP) to complete a Remedial Investigation (RI), Feasibility Study (FS) and draft Cleanup Action Plan (dCAP) for the Site.
- [Public Participation Plan](#)¹⁷ (PPP) – Describes how Ecology will inform the community about Site activities and opportunities to be involved in the cleanup process.

The Terminal 115 Plant 1 site is located along the western shore of Lower Duwamish Waterway in Seattle. It is approximately 99.5 acres and is owned by the Port of Seattle.

The southern end of the site was the location of the former Boeing Plant 1 facility, used for the manufacture of wood and metal airplanes. Other historic uses of the property included retail gasoline service stations, gravel and cement production, salvage yard, storage of log booms (former river portions), and a smelter.

Since 1970, the Site has been used for port-related functions including:

- Cargo storage
- Loading and off-loading
- Gasoline sales and associated storage in underground storage tanks (USTs)
- Seafood processing
- Retail sales
- Vehicle and shipping container maintenance.

The levels of contamination are potentially harmful to humans and the environment and must be addressed under Washington's cleanup law, the Model Toxics Control Act (MTCA).

Site Register

Washington State Department of Ecology Toxics Cleanup Program



Univar USA, Inc. Kent

8201 S 212th St
Kent

Facility Site ID# **13862483**

Cleanup Site ID# **969**

For more information

- Visit [Ecology's Univar USA, Inc. Kent webpage](#)¹⁸
- Contact Tom Mackie
Site Manager
tom.mackie@ecy.wa.gov
509-575-2803

Groundwater monitoring report received

On May 6, 2020 we received a 2019 Annual Groundwater Monitoring Report dated March 31, 2020. The site has volatile organic compounds (VOCs) in the subsurface at concentrations above the applicable Model Toxics Control Act cleanup levels (CULs).

Site Register

Washington State Department of Ecology Toxics Cleanup Program



KITSAP COUNTY

Port Gamble Bay and Mill Site

West shore of Port Gamble Bay,
East of N Rainier Ave
Port Gamble

Facility Site ID# **93937775**
Cleanup Site ID# **3444**

[Submit comments online](#)¹⁹

For more information

- Visit [Ecology's Port Gamble Bay and Mill Site webpage](#)²⁰
- Contact John Evered
Site Manager
John.Evered@ecy.wa.gov
360-407-7071

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public comment period: April 23 – May 25, 2020

Draft cleanup documents available for review

We invite you to review and comment on the following documents for the Port Gamble Bay and Mill Site:

- [Supplemental Remedial Investigation/Feasibility Study](#)²¹ (RI/FS), which characterizes the nature and extent of upland contamination, describes earlier cleanup actions, and presents an evaluation of final cleanup alternatives
- [Draft Cleanup Action Plan](#)²², which describes the proposed cleanup actions for the site and outlines requirements for the cleanup
- [Draft Consent Decree](#)²³, a formal legal document between Ecology and the potentially liable parties (PLPs) that requires the PLPs to carry out the actions identified in the Cleanup Action Plan.
- [SEPA Determination of Non-Significance](#)²⁴, which states that cleanup actions likely will not result in significant adverse effect on the environment.

Port Gamble Bay encompasses more than two square miles of subtidal and shallow intertidal habitat south of the Strait of Juan de Fuca.

The site is a former sawmill that was used to manufacture forest products from 1853 to 1995. The mill was shut down in 1995 and removed in 1997, after which the fill area was leased for log sorting, wood chipping, marine research, and other light industrial activities.

Historical operations on this property resulted in the release of pollutants, including the use of pentachlorophenol, incineration of salt-laden wood (and aerial deposition of resulting ash) and landfilling of used contaminated materials. These pollutants included metals, petroleum hydrocarbons, carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and dioxins/furans. Some of these contaminants have been found in soil surrounding the mill and in sediments and shellfish.

Site Register

Washington State Department of Ecology Toxics Cleanup Program



LEWIS COUNTY

Riffe Lake/Kosmos Flats

Champion Haul Rd
Morton

Facility Site ID# **61559576**
Cleanup Site ID# **9890**

[Submit comments online](#)²⁵

Or send comments by mail to:

Craig Rankine
12121 NE 99th St.
Suite 2100
Vancouver, WA 98682

For more information

- Visit [Ecology's Riffe Lake/Kosmos Flats webpage](#)²⁶
- Contact Craig Rankine
Site Manager
Craig.Rankine@ecy.wa.gov
360-690-4795

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public Comment Period: May 25 - June 23, 2020

Agreed Order available for review and comment

You are invited to review and comment on the following documents:

- [Agreed Order](#)²⁷ – this is a legal agreement that requires the City of Tacoma, Department of Public Utilities, Light Division (also known as Tacoma Power), to prepare the following cleanup reports:
 - A remedial investigation, which describes the types and extent of contamination.
 - A feasibility study, which considers and compares cleanup options.
 - A preliminary cleanup plan, which describes cleanup methods selected by Ecology.
- [Public Participation Plan](#)²⁸ - describes how we will inform the community about site activities and opportunities to be involved in the cleanup process.

In April 2019, we were notified about seeps of Bunker C oil found on the eastern bank of Rainey Creek near Champion Haul Road and at the former lumber mill area.

In December 2019 as an emergency cleanup action, Tacoma Power capped the seeps to keep oil from moving into Rainey Creek before the water level in Riffe Lake inundated the site. They collected soil and groundwater samples from test pits and soil borings and found other contamination that include diesel, gasoline, and heavy oil.

Approximately 11,000 tons of impacted soil were removed and disposed of appropriately. Possible sources for the seeps are from former lumber mill operations, including old underground storage tanks and piping, or petroleum-impacted soil.

Contact with these hazardous substances can be harmful to human health and the environment. Tacoma Power has closed the area to protect the public until cleanup is complete.

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Washington State Department of Ecology Toxics Cleanup Program



PIERCE COUNTY

Tacoma Metals

1919 Portland Avenue
Tacoma

Facility Site ID# **1257**
Cleanup Site ID# **3910**

[Submit comments online](#)²⁹

Or send comments by mail to:

Andy Smith
Site Manager
PO Box 47775,
Olympia, WA 98504-7775

For more information

- Visit [Ecology's Tacoma Metals webpage](#)³⁰
- Contact Andy Smith
Site Manager
Andrew.Smith@ecy.wa.gov
360-407- 6316

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public comment period: April 26 - May 27, 2020

Agreed Order, Enforcement Order, and Public Participation Plan available for review and comments

The following documents are available for review and comment:

- [Agreed Order](#)³¹ - A formal legal document issued by Ecology to International Paper Company and General Metals of Tacoma. It requires these PLPs to carry out specifically identified cleanup actions.
- [Enforcement Order](#)³² - A formal legal agreement issued by Ecology to the Estate of Sophie Sussman and Tacoma Metals. It requires these PLPs to carry out specifically identified cleanup actions. Enforcement orders are issued when attempts at negotiating an agreed order are unsuccessful,
- [Public Participation Plan](#)³³ - A plan that describes how the public can provide input on the cleanup of the site.

The Tacoma Metals [fact sheet](#)³⁴ provides a brief summary about the history, location, and work proposed for the site.

The Tacoma Metals site is located on the Tacoma Tidelands. The site is bound to the north by the Puyallup River, to the east by the Lincoln Avenue Bridge, to the south by Portland Avenue, and to the west by a City of Tacoma right-of-way and private properties. Historic uses include a creosoting plant, coke plant, and a metal recycling facility. The site is currently an empty paved lot.

We are directing four Potentially Liable Parties, International Paper Company, General Metals of Tacoma, the Estate of Sophie Sussman, and Tacoma Metals to further study the soil and groundwater on the western part of the site and areas outside of the site that were affected by a former creosoting plant. The contaminants include petroleum products and creosote (total petroleum hydrocarbons as diesel and oil range organics, total polycyclic aromatic hydrocarbons, and/or total Naphthalene). These chemicals can be harmful to human health and the environment.

SKAGIT COUNTY

Anacortes Former Water Treatment Plant

14549 River Bend Rd
Mount Vernon

Facility Site ID# **79423677**
Cleanup Site ID# **13264**

For more information

- Visit [Ecology's Anacortes Former Water Treatment Plant webpage](#)³⁵
- Contact Cris Matthews
Site Manager
cris.matthews@ecy.wa.gov
360-255-4379

Response to Public Comment Available

A [Response to Comments Summary](#)³⁶ is available for review on the [Anacortes Former Water Treatment Plant](#)³⁷ cleanup site webpage.

We conducted a 30-day public comment period from March 16 – April 14, 2020, and hosted an online public meeting March 23, 2020 on two environmental reports for the Anacortes Former Water Treatment Plant cleanup site. The site is located next to the Skagit River in Mount Vernon and is next to the current water treatment plant, which provides the drinking water for the City of Anacortes and surrounding communities.

We have reviewed and considered all comments received on the documents. Based on our evaluation of the comments, no changes were necessary in the documents. See the Response to Comments Summary for details. We are finalizing all documents and will post them on the site webpage when complete.

Field sampling confirmed that there was no release of contaminants to surface water or groundwater. However, contamination was found in some former plant building materials and shallow soils immediately adjacent to two former plant structures. Polychlorinated biphenyls (PCBs) levels in soils are above residential cleanup levels and must be addressed under Washington's cleanup law, the Model Toxics Control Act (MTCA).

In 2017, the City conducted a site-specific human health risk assessment that determined no adverse health effects are likely to have occurred to customers, workers, or plant visitors as a result of the contaminants at the former plant. The City's long-term monitoring confirmed the contaminants have never been detected in any drinking water samples from the former plant.

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SNOHOMISH COUNTY

Go East Corp Landfill

4330 108th Street
Everett

Facility Site ID# **2708**
Cleanup Site ID# **4294**

[Submit comments online](#)³⁸

Or send comments by mail to:

Alan Noell
3190 160th Ave. SE
Bellevue, WA, 98008-5452

For more information

- Visit [Ecology's Go East Corp Landfill webpage](#)³⁹
- Contact Alan Noell
Site Manager
Alan.Noell@ecy.wa.gov
425-649-7015

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public Comment Period: May 8 - June 7, 2020

Draft documents available for public comment

We request your input on an Agreed Order between P&GE, LLC and Ecology and an Interim Action Work Plan that requires to comply with Washington state cleanup regulations during landfill closure and development activities at the Go East Corp Landfill site.

The following documents are available for review and comment:

- [Draft Agreed Order](#)⁴⁰ – This legal agreement requires P&GE to perform an interim action during landfill closure, prepare a remedial investigation/feasibility study for the site, and prepare a preliminary draft cleanup action plan in accordance with the Model Toxics Control Act.
- [Draft Interim Action Work Plan](#)⁴¹ (IAWP) – this document identifies:
 - The interim action area (a.k.a. the "wedge area"), which includes peripheral areas of the existing landfill that will be excavated and consolidated under the engineered landfill cap to be installed during landfill closure.
 - The historical disposal area and provides waste characterization sampling data from the wedge area, as required in the landfill permit.
 - Interim action levels for soil beyond the final landfill boundary, including a confirmation soil sampling plan for the wedge area and a borrow source sampling plan for the onsite soil to be used as construction fill.
 - A sampling and analysis plan and a quality assurance project plan in the IAWP appendices.
- [Public Participation Plan](#)⁴² – this document explains how people can participate in the cleanup process.

El Sitio del Relleno Sanitario Go East Corp

Periodo de comentarios: 8 de mayo – 7 de junio de 2020

[Someter comentarios en español](#)⁴³

Ecología y P&GE se entrarán en una orden acordada para el relleno sanitario Go East Corp. El sitio está ubicado en 4330 108th Street, Everett, WA 98208. Lo invitamos a comentar sobre un acuerdo legal propuesto, el Plan de Acción Provisional de Trabajo, y un plan de participación pública que requiera que P&GE, LLC cumpla con los requisitos aplicables según las regulaciones de limpieza del estado de Washington durante el cierre de rellenos sanitarios y actividades de desarrollo en el Sitio. Para obtener más información en español, comuníquese con Coleman Miller al 509-454-4246 o por correo electrónico a preguntas@ecy.wa.gov.

SPOKANE COUNTY

Mica Landfill

Hidden Hollow Drive
Mica

Facility Site ID# **633**
Cleanup Site ID# **1020**

- [Submit comments online](#)⁴⁴

For more information

- Visit [Ecology's Mica Landfill webpage](#)⁴⁵
- Contact Sandra Treccani
Site Manager
sandra.treccani@ecy.wa.gov
509-329-3412

Public Comment Period: May 4 – June 3, 2020

Draft Five-Year Periodic Review Report

We invite you to review and comment on the [draft periodic review](#)⁴⁶ report for the Mica Landfill site. We conduct a periodic review at least every five years after beginning cleanup at a site, and this is the third periodic review for this site. The purpose of the review is to evaluate current site conditions and to ensure the continued protection of people and the environment.

The site is a 161-acre municipal solid waste landfill that operated from 1972 through 1991. The landfill received approximately 65,000 tons of waste per year in the form of residential and municipal solid waste, dewatered sewage treatment plant sludge, demolition debris and industrial wastes.

In April 2020, we completed the third periodic review and recommended no further cleanup actions. Ground and surface water monitoring will continue to track cleanup progress and ensures remaining contamination does not migrate off-site. The deed restrictions prevent site uses inconsistent with the presence of contamination.

We will review comments received during the comment period. The periodic review will become final if no significant changes are made due to public comment. An additional public comment period will be held if significant changes are made. We will hold an online public meeting if 10 people request it.

Site Register

Washington State Department of Ecology Toxics Cleanup Program



WHATCOM COUNTY

BP Cherry Point and Phillips 66 Refineries

Blaine, Ferndale

Facility Site ID# **13, 17**

Cleanup Site ID# **4885, 4886**

[Submit comments online](#)⁴⁷

Or send comments by mail to:

Kim Wigfield
Industrial Section
P.O. Box 47600
Olympia, WA 98504-7600

For more information

- Visit Ecology's [BP Cherry Point](#)⁴⁸ or [Phillips 66](#)⁴⁹ refineries webpages
- Contact Kim Wigfield
Site Manager
kim.wigfield@ecy.wa.gov
360-407-6931

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

Public Comment Period May 13 - June 26, 2020

Dangerous waste permits and cleanup documents available for public review and comment

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

- **BP Cherry Point Refinery**
 - [Draft agreed order](#)⁵⁰
 - [Draft corrective action permit](#)⁵¹
 - [SEPA checklist](#)⁵²
 - [SEPA determination of nonsignificance](#)⁵³
- **Phillips 66 Ferndale Refinery**
 - [Draft agreed order](#)⁵⁴
 - [Draft corrective action permit](#)⁵⁵
 - [SEPA checklist](#)⁵⁶
 - [SEPA determination of nonsignificance](#)⁵⁷

We also invite you to review the fact sheets explaining the permits for the [BP Cherry Point](#)⁵⁸ and [Phillips 66 Ferndale](#)⁵⁹ refineries.

The draft permits include detailed requirements to investigate the refineries' oily water sewers and clean up any soil or groundwater contamination.

We are proposing to issue the BP permit and Phillips 66 permit modification at the end of a 45-day public comment period. A final decision will be made after we have reviewed public comments.

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Washington State Department of Ecology Toxics Cleanup Program



Independent Cleanups

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

Independent Cleanup Contacts

Central Region Office

Public Records Coordinator
cropublicrequest@ecy.wa.gov | 509-454-7658

Eastern Region Office

Ted Uecker
Ted.Uecker@ecy.wa.gov | 509-329-3522

Northwest Region Office

Donna Musa
Donna.Musa@ecy.wa.gov | 425-649-7136

Southwest Region Office:

Public Records Officer
publicrecordsofficer@ecy.wa.gov | 360-407-6040

GRANT COUNTY

Ephrata 100 Gallon Mineral Oil Spill

400 Railroad Street NE
Ephrata

Facility Site ID# **72603**
Cleanup Site ID# **15167**

For more information

- Visit [Ecology's Ephrata 100 Gallon Mineral Oil Spill webpage](#)⁶⁰
- Contact Sara Fulton
Site Manager
sara.fulton@ecy.wa.gov
509-329-3535

Determination of No Further Action (Independent)

A 100-gallon mineral oil spill occurred due to equipment failure in an area between two railroad tracks the Port of Ephrata owns. Emerald Transformer, the party responsible, excavated soil contaminated with mineral oil and disposed it at a landfill. Ecology reviewed the follow-up soil sampling results and issued a no further action letter on April 28, 2020.

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KITTITAS COUNTY

KAG Truck Spill

I-90 Milepost 81
Cle Elum

Facility Site ID# **16970**
Cleanup Site ID# **12993**

Determination of No Further Action (VCP)

We have determined that no further action is necessary at the KAG Truck Spill Site. The site had gasoline contamination in soil and groundwater.

For more information

- Visit [Ecology's KAG Truck Spill webpage](#)⁶¹
- Contact Kyle Parker
Site Manager
kyle.parker@ecy.wa.gov
509-454-7833

KLICKITAT COUNTY

Panelog Heidis Gas & Deli

320 Jewett Blvd
White Salmon

Facility Site ID# **53674485**
Cleanup Site ID# **9606**

Determination of No Further Action (Independent)

We have determined that no further action is necessary at the Panelog Heidis Gas & Deli Site. The site had petroleum contamination in soil.

For more information

- Visit [Ecology's Panelog Heidis Gas & Deli webpage](#)⁶²
- Contact Frank Winslow
Site Manager
frank.winslow@ecy.wa.gov
509-454-7833

PIERCE COUNTY

BPA Tacoma Occidental Sludge

Taylor Way & East West Rd.
Tacoma

Public Comment Period: April 23 – May 24, 2020

Draft periodic review available for review and comment

Facility Site ID# **1262**
Cleanup Site ID# **3911**

[Submit comments online](#)⁶³

For more information

- Visit [Ecology's BPA Tacoma Occidental Sludge webpage](#)⁶⁴
- Contact Panjini Balaraju
Periodic Review Coordinator
Panjini.Balaraju@ecy.wa.gov
360-407-6335

Document review locations

In-person document review is currently unavailable, following Washington State's Stay Home, Stay Healthy order.

All documents for review are posted on the site webpage listed in the "**For more information**" section above.

We invite the public to review and comment on the [draft second periodic review](#)⁶⁵ report for this site. 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. We completed the first periodic review for this site in 2015.

The report 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 property is an undeveloped right-of-way next to the Bonneville Power Administration (BPA) Tacoma substation.

In an effort to fill low-lying areas, BPA allowed waste materials to be placed on the site in the 1960s and 1970s from the Occidental Chemical Corporation (then Hooker Chemical Company) plant. About 18,000 cubic yards of lime sludge were brought to the site, which contained inorganic salts of calcium, volatile organic compounds (VOCs) and lead. In addition, about 400 cubic yards of baghouse dust and a bead-like waste product called "shot" were disposed at the site. Among other metals, the shot contained high concentrations of arsenic and lead.

The cleanup consolidated the contaminated soil and sludge on-site into a containment facility. The facility was completed in 1998. It is an engineered landfill with a cap over the contaminated soil. The capped landfill prevents human exposure to contaminated material.

Twenty-two rounds of groundwater monitoring were tested from 1998 to 2019. Results show decreasing trends in VOCs concentrations in groundwater. Currently, groundwater is monitored for water quality and VOCs.

An environmental covenant was recorded for the site in 2001. The covenant was required because the cleanup left lead and arsenic concentrations in soil at the site that are above state cleanup levels.

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Washington State Department of Ecology Toxics Cleanup Program



YAKIMA COUNTY

Washington Beef Inc Yakima

2709 Goodman Rd
Union Gap

Facility Site ID# **47121794**
Cleanup Site ID# **9349**

Determination of No Further Action (Independent)

We have determined that no further action is necessary at the Washington Beef Inc Yakima site. The site had petroleum contamination in soil and groundwater.

For more information

- Visit [Ecology's Washington Beef Inc Yakima webpage](#)⁶⁶
- Contact Frank Winslow
Site Manager
frank.winslow@ecy.wa.gov
509-454-7833

Site Register

Washington State Department of Ecology Toxics Cleanup Program



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 method(s) 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. A draft of the CAP (dCAP) is made available for public review and comment before finalizing.

Cleanup site – see Site.

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 after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions, after cleanup is considered complete, and to ensure protection of human health and the environment.

PLIA – Pollution Liability Insurance Agency

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PLP – see Potentially liable party

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.

PSI - Puget Sound Initiative

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

Remedial investigation/feasibility study - Two distinct but related studies. They are usually performed at the same time, and together referred to as the "RI/FS."

RI/FS - See Remedial Investigation/Feasibility Study

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 hazardous waste site under the state's cleanup law. Under this option, property owners may perform a cleanup independently and request services from Ecology for a fee.

Find more glossary terms on [Ecology's website](#)⁶⁷

Site Information Online

Information on [all Toxics Cleanup Program sites](#)⁶⁸

Regional Offices

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

Ecology Headquarters Office
300 Desmond Drive SE
Lacey, WA 98503

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

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

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

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- 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://www.governor.wa.gov/sites/default/files/proclamations/20-25%20Coronavirus%20Stay%20Safe-Stay%20Healthy%20%28tmp%29%20%2800%29.pdf>
- 6 <https://ecology.wa.gov/Events/Search/Listing>
- 7 <https://ecology.wa.gov/About-us/Accountability-transparency/Public-records-requests>
- 8 <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Independent-remedial-action-grants>
- 9 <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Integrated-planning-grants>
- 10 <https://fortress.wa.gov/ecy/publications/SummaryPages/2009054.html>
- 11 <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>
- 12 https://www.ezview.wa.gov/site/alias_1988/37514/overview.aspx
- 13 <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>
- 14 <http://bit.ly/Ecology-Terminal115Plant1-Comments>
- 15 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=11307>
- 16 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91673>
- 17 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91674>
- 18 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=969>
- 19 <http://tcp.ecology.commentinput.com/?id=t5pZH>
- 20 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3444>
- 21 <http://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91731>
- 22 <http://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91728>
- 23 <http://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91730>
- 24 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91786>
- 25 <http://tcp.ecology.commentinput.com/?id=R3jpd>
- 26 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=9890>
- 27 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92117>
- 28 [Public Participation Plan](#)
- 29 <http://tcp.ecology.commentinput.com/?id=i8tRY>
- 30 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3910>
- 31 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91684>
- 32 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91684>
- 33 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91781>
- 34 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91683>
- 35 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=13264>
- 36 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91938>
- 37 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=13264>
- 38 <http://swm.ecology.commentinput.com/?id=VfcB5>
- 39 <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=4294>
- 40 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91853>
- 41 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91817>
- 42 <https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91889>
- 43 <http://swm.ecology.commentinput.com/id=VfcB5&lang=SP>
- 44 <http://tcp.ecology.commentinput.com/?id=a769r>

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<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=1020>

46
<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=91861>

47
<http://hwtr.ecology.commentinput.com/?id=YcghV>

48
<https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Industrial-facilities-permits/BP-Refinery>

49
<https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Industrial-facilities-permits/Phillips-66-Refinery>

50
<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92106>

51
<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92108>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92110>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92109>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92111>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92112>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92115>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92114>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92107>

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<https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=92113>

60
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=15167>

61
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=12993>

62
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=9606>

63
<http://tcp.ecology.commentinput.com/?id=Cx23H>

64
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3911>

65
<https://fortress.wa.gov/ecy/gsp/DocViewer.ashx?did=91162>

66
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=9349>

67
http://www.ecy.wa.gov/programs/tcp/tcp_acronym_list.htm

68
<https://apps.ecology.wa.gov/tcpwebr eporting/reports/cleanup/all>