# Site Register

Washington State Department of Ecology Toxics Cleanup Program

DEPARTMENT OF ECOLOGY
State of Washington

March 11, 2021

Contents



## 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]

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 COVID-19 by supporting social distancing and other directives from Governor Inslee as well as federal, state, and local health officials.

- **All Department of Ecology buildings are closed to the public until further notice.** This includes all headquarters, regional, and field offices.
- **We are still operating**. You can reach staff via email and phone.
- All public meetings are **online-only meetings**. Visit our public input and events listings[5] for up-to-date information on public meetings.
- I**n-person document and record reviews are not currently available**. If you would like to request to receive specific records electronically, please let us know.[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.

## MTCA-101, March 23–24

This two-day course is presented by the National Environmental Management Academy. It provides a comprehensive overview and refresher of Washington State's Model Toxics Control Act (MTCA). MTCA directs the investigation and cleanup of contaminated sites in Washington. The training begins with a general overview of MTCA and the site cleanup process. The course then moves on to topics related to applying MTCA to contaminated sites and achieving compliance. The instructors include MTCA experts from Ecology and environmental consulting firms.

The class will be held online. Get more information[7] or register online[8].

DEPARTMENT OF ECOLOGY
State of Washington

## Independent cleanup grant applications being accepted

Local governments interested in cleaning up sites through the Voluntary Cleanup Program can submit applications for the next round of Independent Remedial Action Grants[9].

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

## New TCP Interim Policy 730 addresses water quality standards

The Toxics Cleanup Program has issued Interim Policy 730[10] that discusses how Ecology will address the Model Toxic Control Act's consideration of surface water quality standards.

This new policy applies:

(1) When people develop preliminary surface water cleanup levels for the Model Toxics Control Act (MTCA) Remedial Investigation/Feasibility Study, and

(2) When Ecology develops cleanup levels for the Cleanup Action Plan.

### Background

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

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

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

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

The withdrawn 40 CFR 131.45 standards remain in Ecology's Cleanup Levels and Risk Calculation CLARC[11] tool. The withdrawn criteria, which in most cases are much lower than the respective state values under WAC 173-201A-240, will continue to be maintained in CLARC. You can also find them at the end of TCP Interim Policy 730.

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

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

## CLARC updated for Spring 2021

The February 2021 CLARC update[12] is now online. You can download the data tables in Excel[13] or PDF[14].

CLARC is Ecology's Cleanup Levels and Risk Calculation resource—a collection of technical information that helps site managers and stakeholders determine cleanup levels for contaminated sites.

### What you'll find in CLARC

- CLARC's data tables contain more than 600 chemicals with toxicity values, chemical/physical constants, and cleanup levels and Applicable or Relevant and Appropriate Requirements (ARARs) for soil, groundwater, surface water, and air. The data tables also include cleanup levels protective of the vapor intrusion pathway—that is, the path through which contaminants in soil and groundwater can migrate into indoor air.
- CLARC's primary home on Ecology's website[15] contains links to guidance, technical literature, cautions and limitations, and a glossary.
- CLARC's secondary home on EZView[16] houses supporting documents. These can also be accessed through Ecology's website.

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

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

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

We won't change chemical-specific data in CLARC that are specifically incorporated within the MTCA Cleanup Rule (e.g., data in Tables 747-1 to 747-4[17]). We have no plans at this time to update the bioconcentration factors (BCFs).

We'll evaluate the chemical-specific inhalation correction factor (INH) used in the cleanup equation for ingestion of potable groundwater (Equations 720-1 and -2[18]), then update it to reflect EPA's 2015 criteria of a chemical being sufficiently volatile. Chemicals considered sufficiently volatile will include those with a Henry's law > 1E-05 atm-m3/mol or a vapor pressure > 1 mm Hg. The INH factor accounts for exposure to potential vapors from non-ingestion groundwater use such as showering and bathing. An INH of 2 is assigned for volatile chemicals, and 1 for all other substances. For more information, see the Environmental Protection Agency's OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, OSWER Publication 9200.2-154 (June 2015).

### Stop using the August 2020 spreadsheet

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

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

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

you must consider when establishing appropriate cleanup levels at a site.

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

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

## How often is CLARC updated?

CLARC is a living document and we make minor updates and corrections as needed. Every six months (targeted for spring and fall), we may make major updates that align with new technical information (such as updated toxicity data) in the Environmental Protection Agency's regional screen levels (RSLs) tables[19].

## Stay current with CLARC updates

- Always use the most recent spreadsheet and data tables found on CLARC's data table page.
- Check the latest news[20]. You'll also find this information in the first tab of the Excel spreadsheet and first page of the PDF.
- Subscribe to the Site Register Listserv (see first page for link).

## Questions about CLARC?

Contact Andy Kallus at at andrew.kallus@ecy.wa.gov or 360-878-2952.

DEPARTMENT OF ECOLOGY
State of Washington

# Formal Cleanups

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

## CHELAN COUNTY

### Gold Knob Prospects a.k.a. Saddle Rock Park

1200 Circle Street
Wenatchee

Facility Site ID# **22496**
Cleanup Site ID# **11610**

**Submit comments online**[21]

**For more information**

- Visit Ecology's Gold Knob Prospects aka Saddle Rock Park webpage[22]
- Contact Frank Winslow
  Site Manager
  Frank.Winslow@ecy.wa.gov
  509-454-7835

**Document review locations**

- In-person document review is not available. Documents are currently electronically at the Gold Knob Prospects cleanup webpage.

#### Feb. 18–March 19, 2021: Phase 2 Interim Remedial Action Preliminary Design Report available for review and comment

We invite you to review and comment on the Phase 2 Interim Remedial Action Preliminary Design Report for the Gold Knob Prospects site, also known as the Saddle Rock Park Site. An Interim Action is a partial or short-term cleanup of contamination while a long-term cleanup plan is worked on.

This site is a 325-acre community landmark in the Wenatchee Valley. It is a public park and recreation area popular with hikers, bicyclists and horseback riders for decades. From 1891 to 1989, several areas of Saddle Rock were prospected for gold. Prospecting exploration created waste rock piles. In 2011, samples from these piles revealed high levels of certain metals, including arsenic, mercury, and selenium, above state cleanup levels. Cleanup of the Phase 1 area of the site was completed in 2019. We expect the waste rock piles in the upper area, Phase 2, to be cleaned up in 2021.

## CLARK COUNTY

# Georgia-Pacific Consumer Operations LLC, Camas Paper Mill

401 NE Adams Street, Camas

Facility Site ID# **66765272**
Cleanup Site ID# **15156**

**Submit comments online**[23]
Or mail comments to:

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

**For more information**

- Visit Ecology's Georgia-Pacific Consumer Operations LLC, Camas Paper Mill webpage[24]
- Contact Shingo Yamazaki
  Site Manager
  shingo.yamazaki@ecy.wa.gov
  360-407-7563

**Document review locations**

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

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

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

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

## KING COUNTY

# Wesmar Company Inc

1401 and 1451 NW 46th, Seattle

Facility Site ID# **2194**
Cleanup Site ID# **1325**

**Submit comments online**[25]
Or mail comments to:

John Guenther
Site Manager

**For more information**

Visit Ecology's Wesmar Company Inc webpage[26]

Contact John Guenther
Site Manager
john.guenther@ecy.wa.gov
360-225-4381

## Feb. 12–March 13: Wesmar Company Inc. delisting

The Wesmar Company Inc site is in a commercial/industrial area in the Ballard neighborhood. Block at Ballard II, LLC currently owns the property, which was occupied by Wesmar Company, Inc. and Color Tech. Inc. between 1979 and 2007. Wesmar was a chemical product manufacturer and distributor, and Color Tech was a metal coating service. The Pacific Coast Pipe Company operated at this site from 1905 to 1917, and used and storaged creosote (a wood preservative). The property is now a multi-story mixed-use commercial/retail complex with street level parking and one floor of underground parking lot.

In 2008, Ecology completed a Site Hazard Assessment (SHA) on the Site. The result was a ranking of "5" on a scale of 1 to 5, where "1" represents the highest risk and "5" represents the lowest risk. The SHA ranking estimates the potential threat to human health and the environment relative to other sites in Washington State.

During 2018–2019, the following contaminated materials were removed from the property:

- 41,859 tons of carcinogenic polycyclic aromatic hydrocarbon (cPAH) contaminated soil.
- 2,942 tons of concrete.
- 102 tons of arsenic and cPAH contaminated wood waste debris.
- 3.6 million gallons of groundwater and construction dewatering water.
- One abandoned underground heating storage tank. The tank was decommissioned. No release of heating oil was found.

All contaminated materials were properly disposed of at permitted disposal facilities.

This site was cleaned up under a Consent Decree between Block at Ballard II, LLC and Ecology. The concentrations of chemicals of concern in soil and groundwater no longer pose a threat to human health and the environment. Environmental protection is now in place at the site. Ecology has determined that the cleanup meets the state cleanup regulations.

## PIERCE COUNTY

# Superlon Plastics Co Inc

2116 Taylor Way
Tacoma

Facility Site ID# **2776343**
Cleanup Site ID# **2096**

**Submit comments online**[27]
Or mail comments to:

Joyce Mercuri
Site Manager
Department of Ecology,
Southwest Regional Office
PO Box 47775
Olympia, WA 98504-7775

**For more information**

- Visit Ecology's Superlon Plastics Co Inc webpage[28]
- Contact Joyce Mercuri
  Site Manager
  joyce.mercuri@ecy.wa.gov
  360-407-6260

## Feb. 11–March 14: Ditch Interim Action Work Plan and SEPA Determination available for review and comment

We invite you to review and comment on the draft Interim Action (IA) Work Plan (partial cleanup action) and associated SEPA document for this site.

Documents for your review:

- Draft Interim Action (IA) Work Plan[29] describes how arsenic- and lead-contaminated sediment and soil will be removed from a drainage ditch that runs along the southwest side of the site.
- SEPA Determination of Non-Significance[30] describes Ecology's determination that the activities outlined in the IA Work Plan are not likely to harm the environment.

An excavator will remove sediment from the bottom of the ditch and remove soil from the side of the ditch next to and on the site. The excavations will be backfilled with clean material. A clay or geotextile barrier will be placed at the edge of the excavation to keep water from seeping from the site into the ditch. Contaminated sediment and soil will be stockpiled on the site and will be treated if necessary and disposed of at an appropriate landfill. The excavation will be backfilled to match the slope prior to excavation and a seed mixture placed on the bank of the ditch.

Several contaminants above state industrial cleanup levels have been found in soil, groundwater, and standing water at the site. These contaminants include metals, petroleum hydrocarbons, and semi-volatile and volatile organic compounds. Due to highly elevated arsenic and lead concentrations in soil at the site, we have used interim actions to more quickly address the most severe contamination.

The site became contaminated from past industrial waste disposal practices. Past industrial activities included pesticide manufacturing, wood treatment, chemical fuel storage, and historical landfilling activities. The property is now used to manufacture plastic pipe.

## SKAGIT COUNTY

# Cap Sante Marine

1019 Q Avenue
Anacortes

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

**Submit comments online**[31]
Or send comments by mail to:

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

**For more information**

- Visit Ecology's Cap Sante Marine webpage[32]
- Contact Arianne Fernandez
  Project Lead
  Arianne.Fernandez@ecy.wa.gov
  360-704-0173

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

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

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

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

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

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

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

DEPARTMENT OF ECOLOGY
State of Washington

## Shell Oil Tank Farm

14th Street and Q Avenue
Anacortes

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

**Submit comments online**[33]
Or mail comments to:

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

**For more information**

- Visit Ecology's Shell Oil Tank Farm webpage
- Contact Arianne Fernandez
  Project Lead
  Arianne.Fernandez@ecy.wa.gov
  360-688-3730

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

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

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

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

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

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

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

## SNOHOMISH COUNTY

### Boeing Everett

3003 W Casino Rd, Everett

Facility Site ID# **2703**
Cleanup Site ID# **4534**

**Submit comments online**[34]
Or mail comments to:

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

**For more information**

- Visit Ecology's Boeing Everett webpage[35]
- Contact Janelle Anderson
  Community
  Outreach Specialist
  janelle.anderson@ecy.wa.gov
  425-649-7286

**Document review locations**

Due to the pandemic documents are only available electronically.

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

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

- **Draft Remedial Investigation (RI)**: The RI studies the site conditions and contamination. During the RI, Boeing sampled soil, groundwater, surface water, indoor air, soil gas, sediment, and stormwater to find the contamination. The RI is in two volumes. RI Vol. 1A[36] and RI Vol. 1B[37].
- **Feasibility Study (FS)[38], and Supplemental (SFS)[39]:** The FS and SFS compare cleanup actions.
- **Draft Cleanup Action Plan (dCAP)**[40]: After Ecology reviewed the draft Feasibility Study (FS) report and draft Supplemental Feasibility Study (SFS), we chose the final cleanup actions for TCE groundwater contamination and contaminated soils. Our draft cleanup action plan (dCAP) describes the final cleanup actions.
- **Enforcement Order**[41]: Boeing asked Ecology to use an Enforcement Order to implement the Cleanup Action Plan. because it disagrees with our groundwater cleanup levels being set to a level that is equal to surface water quality standards instead of state drinking water standards.
- **Draft Agreed Order (AO)**[42]: This is a legal agreement to implement the Cleanup Action Plan for the part of the site called the Bomarc property so it can be sold.
- **Draft Permit**[43]: A Permit Lite is a "Dangerous Waste Corrective Action Permit," that allows environmental cleanup at the site to continue.
- **Draft State Environmental Policy Act (SEPA) checklist**[44]: SEPA is used to evaluate large, negative environmental impacts that could result from a proposed action. This evaluation resulted in an Associated Determination of Non-Significance.
- **Draft Public Participation Plan (PPP)**[45]: The PPP encourages comment and involvement in cleanup decisions from the community.

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

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

## Boeing Everett (continued)

The primary contaminants on the site are:

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

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

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

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

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

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

DEPARTMENT OF ECOLOGY
State of Washington

# Go East Corp Landfill

4330 108th Street SE
Everett

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

**For more information**

- Visit Ecology's Go East Corp Landfill webpage[46]
- Contact Alan Noell
  Site Manager
  Alan.Noell@ecy.wa.gov
  425-213-4803

**Document review locations**

The Agreed Order, Interim Action Work Plan, and Responsiveness Summary report are available in the Electronic Document Repository linked from the Go East Corp Landfill webpage, above. Hard copies were posted at the Mill Creek Library in Mill Creek.

## Agreed Order and Public Comment Responsiveness Summary announcement

P&GE, LLC (P&GE, property owner) has entered in an Agreed Order with the Ecology. This Agreed Order requires P&GE to abide by the state cleanup law, the Model Toxics Control Act, to ensure the protection of human health and the environment. The Agreed Order includes an Interim Action Work Plan that P&GE will implement concurrent with the Go East Landfill Closure Plan, as authorized in the landfill permit. The Interim Action Work Plan provides the means and methods to ensure that the soil beyond the final landfill boundary will meet unrestricted site use.

Ecology hosted a public meeting on June 18, 2020 to discuss the proposed Agreed Order, Interim Action Work Plan, and Public Participation Plan. Ecology requested and received 76 comments during an extended public comment period from May 8 to June 28, 2020. Ecology prepared aResponsiveness Summary Report to address these comments. The Responsiveness Summary Report was held until Jan. 21, 2021 to incorporate elements of the construction stormwater permit and construction schedule, which are separate from the Agreed Order requirements.

Please see the Go East Corp Landfill webpage for project updates.

DEPARTMENT OF ECOLOGY
State of Washington

# Kimberly-Clark Worldwide, Inc.

2600 Federal Avenue
Everett

Facility Site ID# **9**
Cleanup Site ID# **2569**

**Submit comments online**[47]
Or mail comments to:

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

**For more information**

Visit Ecology's Kimberly-Clark Worldwide, Inc. webpage[48]

Contact Andrew Kallus
Project Lead
Andrew.Kallus@ecy.wa.gov
360-407-7324

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

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

These draft documents are available for public comment:

- **Amended Agreed Order**: This change to the legal agreement adds the Port of Everett as a property owner and Potentially Liable Person for cleanup. It also describes future cleanup work. That will include include filling and capping priority areas of contaminated soil.
- **Updated Public Participation Plan**: This outlines Ecology's process and opportunities for public input throughout cleanup at this site.
- **State Environmental Protection Act (SEPA) checklist and determination**: This is an assessment used to determine whether the proposed cleanup activities are likely to have negative impacts on people or the environment. Ecology reviews these documents, but the Port of Everett leads and manages the SEPA process for this project. To review and comment on the SEPA documents, go to the Port of Everett's webpage[49].

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

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

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

# North Marina West End

Farrington Place and Ballard Street
Everett

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

**Submit comments online**[50]
Or send comments by mail to:

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

**For more information**

Visit Ecology's North Marina West End webpage[51]

Contact Frank Winslow
Project Lead
Frank.Winslow@ecy.wa.gov
509-424-0543

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

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

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

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

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

# Independent Cleanups

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

## CLARK COUNTY

### Exxon Station 73594

13204 NE Hwy 99
Vancouver

Facility Site ID# **53876575**
Cleanup Site ID# **6242**

**Submit comments online**[52]
Or mail comments to:

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

**For more information**

Visit Ecology's Exxon Station 73594 webpage[53]

Contact Panjini Balaraju
Site Manager
Panjini.Balaraju@ecy.wa.gov
360-407-6335

**Document to reivew**

- Draft Termination & Release from Covenant[54]

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

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

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

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

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

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

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

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

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

## YAKIMA COUNTY

### Ranch 16 Smudge Pot Storage Area

16 Lombard Loop Rd, Wapato

Facility Site ID# **91839**
Cleanup Site ID# **15369**

**For more information**

- Visit Ecology's Ranch 16 Smudge Pot Storage Area webpage[55]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

#### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 16 Smudge Pot Storage Area site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

### Ranch 19 Smudge Pot Storage Areas

441 Williamson Rd, Sunnyside

Facility Site ID# **23905**
Cleanup Site ID# **15370**

**For more information**

- Visit Ecology's Ranch 19 Smudge Pot Storage Areas webpage[56]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

#### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 16 Smudge Pot Storage Area site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

## Ranch 36 Smudge Pot Storage Area

3500 Cheyne Rd, Zillah

Facility Site ID# **34537**
Cleanup Site ID# **15371**

**For more information**

- Visit Ecology's Ranch 36 Smudge Pot Storage Area webpage[57]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 36 Smudge Pot Storage Area site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

## Ranch 34 Smudge Pot Storage Area

730 Henderson Rd, Wapato

Facility Site ID# **30788**
Cleanup Site ID# **15372**

**For more information**

- Visit Ecology's Ranch 34 Smudge Pot Storage Area webpage[58]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 34 Smudge Pot Storage Area Site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

## Ranch 31 Smudge Pot Storage Area

610 Glacier Dr, Zillah

Facility Site ID# **5475**
Cleanup Site ID# **15374**

**For more information**

- Visit Ecology's Ranch 31 Smudge Pot Storage Area webpage[59]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 31 Smudge Pot Storage Area site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

## Ranch 26 Smudge Pot Storage Area

1750 E Houghton Rd, Outlook

Facility Site ID# **51009**
Cleanup Site ID# **15377**

**For more information**

- Visit Ecology's Ranch 26 Smudge Pot Storage Area webpage[60]
- Contact Frank Winslow, Site Manager
  frank.winslow@ecy.wa.gov
  509-454-7835

### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 26 Smudge Pot Storage Area site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

# YAKIMA COUNTY

## Ranch 44 Smudge Pot Storage Area

1405 Yakima Valley Hwy, Wapato

Facility Site ID# **63692**
Cleanup Site ID# **15378**

**For more information**

Visit Ecology's Ranch 44 Smudge Pot Storage Area webpage[61]

Contact Frank Winslow, Site Manager
frank.winslow@ecy.wa.gov
509-454-7835

### Determination of no further action

Ecology has determined that no further action is necessary at the Ranch 44 Smudge Pot Storage Area Site.

Smudge pots burn fuel to keep frost off of fruit trees. The site had diesel contamination in the soil from smudge pot fuel. Soil was excavated and disposed of elsewhere. Soil sampling confirmed that cleanup was effective.

# 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 (cancer-causing) and linked to cardiovascular and developmental diseases.

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

**Periodic review** - A periodic review is conducted at least every five years at sites 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.

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

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

**SEPA** - State Environmental Policy Act

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

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

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

**UST** – Underground Storage Tank

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

**Find more glossary terms on Ecology's website**[62]

# Site Information Online

Information on all Toxics Cleanup Program sites[63]

# 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

[1] http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?A0=SITEREGISTER

[2] http://tinyurl.com/EcologySiteReg

[3] https://ecology.wa.gov/events-listing

[4] http://www.ecology.wa.gov/Accessibility

[5] https://ecology.wa.gov/Events/Search/Listing

[6] https://ecology.wa.gov/About-us/Accountability-transparency/Public-records-requests

[7] https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fnemallc.com%2Fevent-4118868&data=04%7C01%7Chaoy461%40ECY.WA.GOV%7Cc96de5ac42cb4efe41f208d8c7bdf284%7C11d0e217264e400a8ba057dcc127d72d%7C0%7C0%7C637478966995065824%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C2000&sdata=UYDpc5HgX46Vwsj7%2FGlv5xmhZGm7v4OojRDaxjRJlJc%3D&reserved=0

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[12] https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC/Data-tables

[13] https://www.ezview.wa.gov/Portals/_1987/Documents/Documents/CLARC_Master.xlsx

[14] https://www.ezview.wa.gov/Portals/_1987/Documents/Documents/CLARC_Master.pdf

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[19] https://www.epa.gov/risk/regional-screening-levels-rsls

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[25] http://tcp.ecology.commentinput.com/?id=Y9aGS

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[29] https://fortress.wa.gov/ecy/gsp/docviewer.ashx?did=97887

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[31] http://tcp.ecology.commentinput.com/?id=RSrit

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