

# Site Register

WASHINGTON STATE DEPARTMENT OF ECOLOGY—TOXICS CLEANUP PROGRAM



November 22, 2018

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For information about public comment periods, meetings and hearings, visit Ecology's Public Involvement Calendar at <https://ecology.wa.gov/events-listing>.

Questions? Please contact Cheryl Ann Bishop at 360-407-6848 or [cherylann.bishop@ecy.wa.gov](mailto:cherylann.bishop@ecy.wa.gov). Site contacts are found after each entry.

To request Americans with Disabilities Act accommodation including materials in a format for the visually impaired, please call 360-407-7170 or visit [ecology.wa.gov/Accessibility](http://ecology.wa.gov/Accessibility). Persons with impaired hearing may call Washington Relay Service at 711. Persons with a speech disability may call 877-833-6341.

## FORMAL CLEANUPS

Ecology oversees complex cleanup sites to ensure that your health and that of the environment are protected.

### CHELAN COUNTY

<b>Gold Knob Prospects</b> <b>1200 Circle St,</b> <b>Wenatchee</b>	<b>Facility Site ID#</b> 22496	<b>Cleanup Site ID#</b> 11610
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**Public Comment Period: 10/25/2018 – 11/24/2018**

*Agreed Order available for public review and comment*

Ecology is providing an opportunity for the public to comment on the Agreed Order for the site identified by Ecology as the “Gold Knob Prospects” (a.k.a. Saddle Rock Regional Park) located at 1200 Circle Street in Wenatchee. An Agreed Order is a legal document between Ecology and the City of Wenatchee to complete more sampling and prepare cleanup options.

Dating back to the late 1800’s until 1989, several areas of Saddle Rock Park were mined for gold. Mining exploration resulted in the creation of waste rock piles. In 2011, Ecology collected soil samples from the waste rock piles and testing showed high levels of certain metals, including arsenic, mercury, and selenium above state cleanup levels.

Supporting documents are available for review at the following locations:

- Wenatchee Public Library, 310 Douglas St
- Ecology Central Regional Office, 1250 W Alder Street, Union Gap, WA 98903 (call **509-454-7658** for an appointment)
- Ecology’s Gold Knob webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=11610>

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## COWLITZ COUNTY

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**Port of Longview TPH**  
**10 Port Way, Longview**

**Facility Site ID# 42978181 Cleanup Site ID# 9152**

**Public comment period: 11/25/2018 – 12/26/2018**

*Draft cleanup documents available for public review and comment*

Ecology is entering into an Agreed Order with multiple parties to clean up contamination related to historic industrial activities at the Port of Longview. In the past, the Port of Longview TPH site was used to transport and store petroleum products. Practices associated with the handling of petroleum and leaks from storage tanks and underground pipelines have contaminated soil and groundwater. The following documents are available for public comment:

- Agreed Order – a legal agreement requiring the completion of a remedial investigation, feasibility study, and a draft cleanup action plan.
- Interim Action Work Plan – a partial cleanup to remove an exposed portion of the historic pipelines.
- SEPA checklist and determination – a description of the potential impacts of the interim action on the surrounding environment.
- Public Participation Plan – a plan to promote meaningful community involvement as cleanup progresses.

Send written comments using Ecology's online comment form: <http://wt.ecology.commentinput.com/?id=EYAbS>

For more information contact:

Matt Morris, cleanup project manager  
**360-407-7529** or [Matthew.Morris@ecy.wa.gov](mailto:Matthew.Morris@ecy.wa.gov)

Document review locations:

- Ecology's cleanup site webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=9152>
- Longview Public Library, 1600 Louisiana St, Longview, **360-442-5300**
- Ecology Headquarters, 300 Desmond Drive SE, Lacey, (call **360-407-6365** for an appointment)

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## KING COUNTY

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**Reserve Silica – Holcim**  
**28130 Black Diamond Ravensdale Rd, Ravensdale**

**Facility Site ID# 2041 Cleanup Site ID# 4728**

**Public Comment Period: 11/5/2018 — 12/7/2018**

*Agreed Order available for public review and comment*

A periodic review is conducted every five Ecology is entering into a legal agreement called an Agreed Order with Reserve Silica Corporation and Holcim (US) Inc. These Potentially Liable Parties (PLPs) are responsible for cleaning up contamination at the Reserve Silica site.

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We'd like your input on the following documents:

- Agreed Order – requires the PLPs to further investigate contamination and develop a cleanup plan.
- Public Participation Plan – describes how Ecology will inform the community about site activities and opportunities to be involved in the cleanup process.

Reserve Silica and previous owners and operators used the property for coal and sand mining until 2007. Now the mine pits are in the reclamation phase - backfilling with materials from construction sites. A company now owned by Holcim (US) Inc. disposed of a corrosive material called cement kiln dust (CKD) in two of the open pits:

- Lower Disposal Area – a former open pit sand mine reclaimed between 1979 and 1982.
- Dale Strip Pit – a former open pit coal mine reclaimed in the 1980s.

Submit comments:

Online: <http://wt.ecology.commentinput.com/?id=WfVB3>

Via mail, email, or phone: Madeline Wall, site manager, Northwest Regional Office, 3190 160th Ave. SE, Bellevue, WA 98008, [425-649-7015](tel:425-649-7015), [Madeline.Wall@ecy.wa.gov](mailto:Madeline.Wall@ecy.wa.gov)

Document review locations:

- Ecology's webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4728>
- Northwest Regional Office, 3190 160th Ave. SE, Bellevue (call [425-649-7190](tel:425-649-7190) or email [NWRO\\_Public\\_Request@ecy.wa.gov](mailto:NWRO_Public_Request@ecy.wa.gov) for an appointment)
- Maple Valley Library, 21844 SE 248th St, Maple Valley, [425-432-4620](tel:425-432-4620)

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## PIERCE COUNTY

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**Occidental Chemical Corporation**  
**605 Alexander Ave., Tacoma**

**Facility Site ID# 1212**

**Cleanup Site ID# 4326**

*Responsiveness Summary and final document now available*

Last year, we accepted public comments on documents for Occidental Chemical Corporation's hazardous waste cleanup site in Tacoma. These documents included the draft Feasibility Study, Agreed Order, and other related documents.

Our responses to public comments are now available in our Responsiveness Summary. In this report, you will find detailed answers to major concerns people raised. You'll also find technical reports and memos we developed after digging deeper into tough technical issues brought up by public comments.

### Comment themes

We received thoughtful comments from over 140 people in emails, letters, and verbal testimony. The major concerns the comments raised include:

- Human health concerns
- Ecological risk, protection, and restoration
- The extent of the current and future contaminant plume
- Natural disasters and climate change
- Cleanup to the maximum extent practicable

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- Paying for cleanup
- Cleanup technologies and options
- Addressing pH contamination
- Protecting workers and the environment during cleanup
- Impacts to and from neighboring projects
- Long-term monitoring and the cleanup process

We provide in-depth responses to these comment themes in the Responsiveness Summary.

## **Our decisions**

We have approved the documents as final. However, we have made revisions based on public comments. In addition, Ecology and Occidental agreed to non-substantive changes to the Agreed Order. The changes updated the scope of work to reflect the current project status and to incorporate approved work plans as attachments. The Agreed Order will be signed later this year and posted on our webpage. You will find the final documents on [Ecology's Occidental Chemical Corporation site webpage](#).

The Occidental Chemical Corporation's Tacoma site was home to chemical production, ship building, and military operations from 1929-2002. Contamination from these operations has contaminated soil and groundwater at and near the property. Contaminants at this site include:

- Chlorinated volatile organic compounds (CVOCs)
- Sodium hydroxide
- Salt (sodium chloride)
- Metals
- By-products of chlorinated solvent production
- Poly-chlorinated Biphenyls (PCBs)
- Dioxins/furans

Questions or comments? Contact:

Kerry Graber, Department of Ecology, Hazardous Waste & Toxics Reduction Program - SWRO  
PO Box 47775

Olympia WA 98504-7775

[Kerry.graber@ecy.wa.gov](mailto:Kerry.graber@ecy.wa.gov) or 360-407-0241

Ecology's Occidental Chemical Corporation webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4326>

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## NEWS & NOTES

### Frequently Asked Questions Regarding Vapor Intrusion and Ecology's 2009 Draft VI Guidance Implementation Memo No. 21 – Finalized and Available for use

On July 5, 2018 Ecology released “Frequently Asked Questions (FAQs) Regarding Vapor Intrusion (VI) and Ecology’s 2009 Draft VI Guidance (Implementation Memo No. 21).” The public review period ended on August 10, 2018. A response to all of the comments received has been prepared and appended to the document which is available at: <https://fortress.wa.gov/ecy/publications/SummaryPages/1809046.html>. The document is effective immediately.

If you have any questions regarding this announcement, contact Mark Gordon at [Mark.Gordon@ecy.wa.gov](mailto:Mark.Gordon@ecy.wa.gov) or **360-407-6357**.

### Comments Accepted through January 7, 2019:

#### Vapor Intrusion (VI) and Short-term Trichloroethene (TCE) Toxicity (Implementation Memo No. 22)

Your comments are requested on Ecology’s draft guidance entitled: “Vapor Intrusion (VI) Investigations and Short-term Trichloroethene (TCE) Toxicity,” which is available at: <https://fortress.wa.gov/ecy/publications/SummaryPages/1809047.html>. Comments must be provided through Ecology’s website at: <http://wt.ecology.commentinput.com/?id=7M58V>.

In October 2009, we released a draft vapor intrusion guidance document (Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action). Since that guidance was prepared, EPA has concluded short-term inhalation exposures (21 days or less) to TCE in indoor air have the potential to cause serious heart defects in the developing fetus. Two EPA documents that summarize the short-term TCE issue are available at: <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Vapor-intrusion-overview>.

While much of the draft 2009 guidance document is applicable to sites where TCE VI is a possibility, this Implementation Memo addresses several issues that were not previously considered. This includes:

1. Response speed
2. Focus on women of childbearing age
3. Type of public outreach

The memo also provides Method B and C indoor air action levels as well as soil gas and groundwater screening levels to help evaluate whether there is the potential for short-term TCE risks to occur.

For more information, contact:

- Ed Jones, Hazardous Waste and Toxics Reduction, 3190 160th Ave SE, Bellevue, WA 98008, **425-649-4449**, [Ed.Jones@ecy.wa.gov](mailto:Ed.Jones@ecy.wa.gov) or
- Mark E. Gordon, P.E., Toxics Cleanup Program, P.O. Box 47600, Olympia, WA 98504-7600, [Mark.Gordon@ecy.wa.gov](mailto:Mark.Gordon@ecy.wa.gov), **360-407-6357**.

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## NEWS & NOTES

### New MTCA Reports Published

- **MTCA Biennial Report of Expenditures:** This progress report looks to the past, with data and success stories that describe how we spent funds over the previous biennium. The report includes the **Hazardous Sites List**, about 2,000 ranked sites whose cleanup actions have yet to be completed. We produce this report in odd-numbered years. Find the 2017 report online at <https://fortress.wa.gov/ecy/publications/SummaryPages/1709055.html>
- **MTCA Ten-Year Financing Report:** This report looks to the future and is produced in coordination with local governments that have cleanup responsibilities. It describes Washington's estimated cleanup financing needs over the next ten years, and how we plan to spend those cleanup dollars. It also identifies the projects and grant programs Ecology included in our biennial budget request to the Governor. We produce this report in even-numbered years. Find the 2018 report online at <https://fortress.wa.gov/ecy/publications/SummaryPages/1809052.html>

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## INDEPENDENT CLEANUPS

A property owner may conduct an independent cleanup of contamination and submit reports to Ecology.

### Independent Cleanup Contacts

**Central Regional Office: Public Records Coordinator** at [cropublicrequest@ecy.wa.gov](mailto:cropublicrequest@ecy.wa.gov) or **509-454-7658**

**Eastern Regional Office: Ted Uecker** at [Ted.Uecker@ecy.wa.gov](mailto:Ted.Uecker@ecy.wa.gov) or **509-329-3522**

**Northwest Regional Office: Donna Musa** at [Donna.Musa@ecy.wa.gov](mailto:Donna.Musa@ecy.wa.gov) or **425-649-7136**

**Southwest Regional Office: PublicRecordsOfficer@ecy.wa.gov** or **360-407-6040**

## KITTITAS COUNTY

**Ward Rugh Inc**  
**710 W University Way, Ellensburg**

**Facility Site ID# 47245321 Cleanup Site ID# 7088**

*Groundwater Monitoring Report received*

Date Report Received: 11/6/2018  
Name of Report: Quarterly Groundwater Monitoring  
Date of Report: 10/5/2018  
Type of Report: groundwater monitoring  
Contaminants Reported: petroleum  
Affected Media: groundwater

Contact: Central Regional Office Public Records Coordinator  
**509-454-7658** or [RecordsOfficer@ecy.wa.gov](mailto:RecordsOfficer@ecy.wa.gov)

## KLICKITAT COUNTY

**Goodnoe Hills Treaty Fishing Access Site**  
**Hwy 14 Mp 119.1 Goodnoe Hills**

**Facility Site ID# 4459197 Cleanup Site ID# 2988**

*Investigation Report received*

Date Report Received: 11/8/2018  
Name of Report: Limited Soil Investigation Report  
Date of Report: 11/6/2018  
Type of Report: investigation  
Contaminants Reported: petroleum  
Affected Media: soil

Contact: Central Regional Office Public Records Coordinator  
**509-454-7658** or [RecordsOfficer@ecy.wa.gov](mailto:RecordsOfficer@ecy.wa.gov)

# Site Register

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## OKANOGAN COUNTY

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**Omak Gull 611**

**Facility Site ID# 21391393 Cleanup Site ID# 5684**

**607 Okoma Dr, Omak**

*Groundwater Monitoring Report Received*

Date Report Received: 10/22/2018

Date Report Received: 11/5/2018

Name of Report: Groundwater Monitoring - August 2018

Date of Report: 9/21/2018

Type of Report: groundwater monitoring

Contaminants Reported: petroleum

Affected Media: groundwater

Contact: Central Regional Office Public Records Coordinator  
**509-454-7658** or **[RecordsOfficer@ecy.wa.gov](mailto:RecordsOfficer@ecy.wa.gov)**



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## GLOSSARY

**Agreed order** - A legal agreement with Ecology to make sure the cleanup meets the standards of Washington State's cleanup law, the Model Toxics Control Act (MTCA).

**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.

**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.

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

**ERTS** - Environmental Report Tracking System

**Five-year 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.

**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.

**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.

**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. They only need to 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.

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**LUST** - Leaking Underground Storage Tank

**NFA** - No Further Action

**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

**RCW** - Revised Code of Washington

**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 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.

**TCP** - Ecology's Toxics Cleanup Program

**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.

**UXO** - Unexploded Ordnance

**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.

**WAC** - Washington Administrative Code

**WARM, Washington Ranking Method** - The method used to rank sites placed on the Hazardous Sites List.

**Find more glossary terms on Ecology's website:** [www.ecy.wa.gov/programs/tcp/tcp\\_acronym\\_list.htm](http://www.ecy.wa.gov/programs/tcp/tcp_acronym_list.htm)

# Site Register

## SITE INFORMATION ONLINE

Information on all Toxics Cleanup Program sites: <https://fortress.wa.gov/ecy/gsp>

Public Events related to the sites in this issue: <https://fortress.wa.gov/ecy/publiccalendar/>

## 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 Southwest Regional Office**

300 Desmond Drive SE  
Lacey, WA 98503

### **Ecology Northwest Regional Office**

3190 160th Ave. SE  
Bellevue, WA 98008-5482

### **Ecology Headquarters Office**

300 Desmond Drive SE  
Lacey, WA 98503