

# Site Register

WASHINGTON STATE DEPARTMENT OF ECOLOGY—TOXICS CLEANUP PROGRAM



March 30, 2017

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For information about public comment periods, meetings and hearings, visit Ecology's Public Involvement Calendar at <https://fortress.wa.gov/ecy/publiccalendar/>.

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 <http://www.ecy.wa.gov/accessibility.html>. 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.

### CLALLAM COUNTY

<b>Sunnydell Dryke Shooting Range</b>	<b>Facility Site ID#</b> 1283666	<b>Cleanup Site ID#</b> 3572
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**292 Dryke Road, Sequim**

**Public comment period: 3/30/17 – 5/1/17**

*Proposed Removal from Ecology's Hazardous Sites List*

You are invited to comment on the proposed removal of the Sunnydell Dryke Shooting Range cleanup site from Ecology's Hazardous Sites List.

The Sunnydell Dryke site is an active shooting range. The Department of Ecology proposes removing the site from the state's **Hazardous Sites List**. This list is a statewide record of contaminated properties that pose a risk to human health and the environment.

The Sunnydell Dryke Shooting Range opened in 1967 and has been used as an active shooting range and dog training facility to the present day. Soil, groundwater, and sediment on the site were contaminated with lead from shot and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) from clay targets.

During cleanup, the property owners adopted several new management techniques and removed contaminated soil from the site. Because some contamination remains, an environmental covenant will restrict future land use on the site.

The satisfaction letter that describes how cleanup was done and why we believe it is complete is available for your review.

Please direct questions and comments to:  
Andrew Smith, Cleanup Project Manager  
**360-407-6316**  
[Andrew.Smith@ecy.wa.gov](mailto:Andrew.Smith@ecy.wa.gov)

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You can find the satisfaction letter at the following locations:

- Ecology's website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3572>
- Sequim Branch Library, 630 North Sequim Avenue, Sequim
- By appointment at Ecology's SWRO, 300 Desmond Drive SE., Lacey, **360-407-6365** or [Susan.Baxter@ecy.wa.gov](mailto:Susan.Baxter@ecy.wa.gov)

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## FRANKLIN COUNTY

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### Pasco Landfill NPL Site

### Facility Site

### Cleanup Site

**Kahlotus Road and U.S. Highway 12, Pasco**

**ID#**

**575**

**ID#**

**1910**

**Public comment period: 3/20/17 – 4/20/17**

### *Draft Notice of Construction for a Regenerative Thermal Oxidizer Available for Public Review and Comment*

Ecology invites you to review and comment on a draft air quality permitting documents for a regenerative thermal oxidizer (RTO) at the Pasco Landfill NPL site.

Ecology is overseeing cleanup of contamination at the closed landfill. Cleanup requires installation of the RTO to control emissions of gases that will be removed by the soil vapor extraction system in the industrial waste portion of the landfill.

The following documents are available for public review:

- The original 2014 and revised 2016 permit applications.
- The risk analysis report for hydrogen chloride emissions.
- A preliminary determination of approval.
- A technical support document for that preliminary determination.
- A recommendation that the applicant's Health Impact Assessment shows acceptable impacts to the public from this project.
- The City of Pasco's preliminary determination that the project will not cause adverse impacts to the environment under the State Environmental Policy Act.

Please direct questions and comments to the air quality permit writer:

**Robert Koster, P.E.**

Eastern Regional Office

**509-329-3493**

[Robert.Koster@ecy.wa.gov](mailto:Robert.Koster@ecy.wa.gov)

Document review locations:

- Pasco Landfill NPL website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1910>.
- Mid-Columbia Library, 1320 West Hopkins Street, Pasco, **509-547-5416**.
- Eastern Regional Office – 4601 North Monroe Street, Spokane. Call **509-329-3400** for an appointment.

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## KING COUNTY

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Gas Works Park Play Area

Facility Site ID# 139

Cleanup Site ID# 2876

2000 N Northlake Way, Seattle

**Public comment period: 3/20/17—4/18/2017**

### *Draft Plans for Interim Cleanup Actions for Public Comment*

The Department of Ecology (Ecology) is conducting a public comment period on draft plans for interim cleanup actions happening at Gas Works Park in Seattle. The interim actions include monitoring and treating arsenic contamination. The draft plans for review are:

- Draft Interim Action Work Plan: this describes the work to be done until the final cleanup is completed.
- Draft Amendment to an Agreed Order; this is an update to the existing legal agreement between Ecology, Seattle Parks & Recreation (SPR), and Puget Sound Energy (PSE).

### **State Environmental Policy Act (SEPA) Checklist and Determination**

A comment period was held 3/2/2017—3/16/2017 for a SEPA checklist and determination of non-significance. Ecology determined that the cleanup work will not have a significant adverse environmental impact. Potential impacts from construction activities such as noise will be addressed. You can review these documents at locations or website below.

### **Site Description**

Gas Works Park is a 20-acre park located at 2101 North Northlake Way. The park extends into Lake Union (the lake lies to the east, west and south of the park). The park's north end is bounded by Northlake Way.

From the early 1900s until 1956, gas companies operated a plant at the site that converted coal and oil into manufactured gas. A tar refinery also operated at the site, refining materials obtained as a by-product of the gas manufacturing process, and producing coal tar-based products.

The Gas Works Park uplands underwent an environmental cleanup in 2000 and 2001, in which two feet of clean topsoil was placed over a protective barrier. A groundwater remediation system was installed and operated from 2001 through 2006.

Sediment investigations offshore of Gas Works Park in Lake Union have indicated the presence of high levels of polycyclic aromatic hydrocarbons (PAHs). The City of Seattle and Puget Sound Energy are conducting Remedial Investigations and Feasibility Studies for these contaminated sediments.

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Direct questions and comments to:

Ching-Pi Wang- Site Manager  
Northwest Regional Office  
3190 160th Avenue SE  
Bellevue, WA 98008-5452  
**425-649-7242**  
**[cwan461@ecy.wa.gov](mailto:cwan461@ecy.wa.gov)**

Document review locations:

- Fremont Public Library, 731 N. 35th St., Seattle, **206-684-4084**
- Ecology Northwest Regional Office, 3190 160th Ave. SE, Bellevue, (by appointment; call **425-649-7190**)
- Ecology's Gas Works Park webpage: **<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2876>**

**Boeing Auburn**

**Facility Site ID# 2018**

**Cleanup Site ID# 5049**

**700 15TH ST SW, Auburn**

**Public comment period: 3/8/17—5/8/17**

*Draft Remedial Investigation Report Available for Public Comment and Review*

The Washington Department of Ecology invites the public to review a draft report on a multi-year study into groundwater contamination at property owned by The Boeing Company in Auburn that has spread into parts of Algona and Auburn.

The study, called a remedial investigation, is the first phase in Washington's four part cleanup process for contaminated sites. It provides information needed for the next steps: evaluating cleanup options, preparing a cleanup action plan, and doing the cleanup work and any follow-up monitoring that may be needed.

Ecology is accepting comments on the document and has scheduled:

- **An open house** to provide information, answer questions, and accept written comments about the investigation and draft report. It will be held 5-7 p.m. on 3/23 at Alpac Elementary School, 310 Milwaukee Blvd N, Algona
- **An online open house** will be available throughout the comment period
- **A public hearing** to record comments to be held 5-7 p.m. on 4/25 at Alpac Elementary School

The online and live events will feature information displays in English and Spanish. Childcare and Spanish translation will be provided at the live events. At the open house, experts from Ecology and state and federal health agencies will be available to answer questions about the investigation, next steps, and information about how the public can get involved.

Please direct questions to the site managers:

Robin Harrover                      Neal Hines  
**[Robin.Harrover@ecy.wa.gov](mailto:Robin.Harrover@ecy.wa.gov)**      **[Neal.Hines@ecy.wa.gov](mailto:Neal.Hines@ecy.wa.gov)**  
**(425) 649-7232**                      **(425) 649-7181**

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You can find documents to review at the following locations:

- Ecology's Boeing-Auburn webpage: <http://www.ecy.wa.gov/programs/hwtr/cleanupSites/boeing-fabn/index.html>
- Ecology's Northwest Regional Office – 3190 160th Avenue Southeast, Bellevue. (Please contact Sally Perkins for an appointment at **425-649-7190** or [Sally.Perkins@ecy.wa.gov](mailto:Sally.Perkins@ecy.wa.gov).)
- Auburn Library, 1102 Auburn Way S, Auburn
- Algona-Pacific Library, 255 Ellingson Rd, Pacific

For more information:

- Email the project: [BoeingAuburnSite@ecy.wa.gov](mailto:BoeingAuburnSite@ecy.wa.gov)
- Visit the Spanish website: <http://www.ecy.wa.gov/programs/hwtr/cleanupSites/boeing-fabn/Spanish/ESindex.html>
- Join the listserv: <http://bit.ly/2m3FIZz>

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## KITSAP COUNTY

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**Olympic View Sanitary Landfill**

**Facility Site ID# 79649975 Cleanup Site ID# 4217**

**10015 SW Barney White Rd, Port Orchard**

**Public comment period: 3/2/17— 4/3/17**

*Draft Periodic Review Available for Public Review and Comment*

Ecology invites you to review and comment on a periodic review for the Olympic View Sanitary Landfill site. A periodic review is conducted at least every five years after beginning cleanup at a site or property, as required by the Model Toxics Control Act.

The purposes of the review are to evaluate site conditions and ensure continued protection of human health and the environment, when institutional controls are used as part of a remedy. In addition, during this periodic review, Ecology considered the Site owner's request to modify the groundwater compliance monitoring program by reducing the number of wells monitored and changing the monitoring frequency of some wells. The downward trends in contaminant concentrations and the long monitoring record were factors that led Ecology to agree with some reductions in monitoring.

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.

Please direct comments and questions to the periodic review coordinator:

Madeline Wall  
Northwest Regional Office  
**425-649-7015**  
[Madeline.wall@ecy.wa.gov](mailto:Madeline.wall@ecy.wa.gov)

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## Document review locations:

- Ecology's Olympic View Sanitary Landfill website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4217>.
- Ecology's Northwest Regional Office – 3190 160th Avenue Southeast, Bellevue. Please contact Sally Perkins for an appointment at **425-649-7190** or [Sally.Perkins@ecy.wa.gov](mailto:Sally.Perkins@ecy.wa.gov).
- North Mason Timberland Library, 23081 NE State Route 3, Belfair, **360-275-3232**
- Kitsap County Health District, 345 6th St, Suite 300, Bremerton, **360-728-2235**

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## PIERCE COUNTY

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**Occidental Chemical Corporation Site**

**Facility Site ID# 1212**

**Cleanup Site ID# 4326**

**605 Alexander Avenue, Tacoma**

**Public comment period (extended): 1/27/17 – 4/27/17**

*Comment Review Extended: Draft Cleanup Documents Ready for Public Review and Comment*

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), and dioxins/furans.

You are invited to comment on the following draft documents: Agreed Order, Feasibility Study, Vapor Intrusion Report and Memorandum, Porewater Sampling Report, Corrective Action Permit

Ecology will consider and respond to all comments before making the documents final and making our final decision. You are also invited to an open house and public hearing to learn more and provide formal comment:

Wednesday, March 8, 2017, Open House 5–6 p.m., Public Hearing 6 p.m.  
Center at Norpoint, Cascade Ballroom, 4818 Nassau Avenue Northeast, Tacoma, WA 98422

Please direct comments and questions to the site manager:

**Kerry Graber**, Southwest Regional Office

**360-407-0241**

**[Kerry.Grabber@ecy.wa.gov](mailto:Kerry.Grabber@ecy.wa.gov)**

## Document review locations:

- Occidental Chemical Corporation website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4326>.
- Citizens for a Healthy Bay – 535 Dock Street, Suite 213, Tacoma, **253-383-2429**.
- Mary Rose Kobetich Library – 212 Browns Point Boulevard Northeast, Tacoma, **253-248-7265**.
- Ecology's Southwest Regional Office – 300 Desmond Drive Southeast, Lacey. For an appointment, please contact Susie Baxter at **360-407-6365** or [PublicDisclosureSWRO@ecy.wa.gov](mailto:PublicDisclosureSWRO@ecy.wa.gov).



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West Coast Door

Facility Site ID# 6308485 Cleanup Site ID# 2599

**3102 and 3120 S. Pine St., Tacoma**

**Public comment period: 3/2/17 — 4/3/17**

*Agreed Order & Public Participation Plan for Public Review and Comment*

We invite your comments on the draft agreed order for the West Coast Doors cleanup site in Tacoma. Historic industrial activities polluted soil and groundwater in the area with creosote-related compounds including carcinogenic polycyclic aromatic hydrocarbons (cPAHs) and benzene.

This agreed order requires West Coast Door to conduct a remedial investigation, feasibility study, and draft cleanup action plan. The investigation work called for under the new agreed order will help define the types and extent of site contamination.

Please direct comments and questions to the site manager:

Matthew Morris

Southwest Regional Office

**360-407-7529**

**[Matthew.Morris@ecy.wa.gov](mailto:Matthew.Morris@ecy.wa.gov)**

You may review documents at the following locations:

- Ecology's West Coast Door website: **<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2599>**
- Tacoma Public Library – 1102 Tacoma Ave. South, Tacoma WA. (253) 292-2001
- Department of Ecology SWRO Toxics Cleanup Program - 300 Desmond Drive SE Lacey, WA. Please call **360-407-6365** for an appointment or email **[PublicDisclosureSWRO@ecy.wa.gov](mailto:PublicDisclosureSWRO@ecy.wa.gov)**

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## THURSTON COUNTY

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**Ellehammer Packaging**

**Facility Site**

**Cleanup Site**

**ID#**

**18371438**

**ID#**

**1121**

**3139 Ferguson Court SW, Tumwater**

**Public Comment Period: 2/16/2017 — 3/20/2017**

*Draft Periodic Review Available for Public Review and Comment*

Ecology invites you to review and comment on the third periodic review for Ellehammer Packaging cleanup site. A periodic review is conducted at least every five years after beginning a cleanup action, as required by the Model Toxics Control Act.

The purposes of the review are to evaluate site conditions and ensure continued protection of human health and the environment, when institutional controls are used as part of a remedy. Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review

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will become final if no significant changes are made. An additional public comment period will be held if significant changes are made.

In 1995, solvents were spilled during a fire at the property. Tetrachloroethylene (PCE) was the main contaminant. The property owner entered the **Voluntary Cleanup Program**. They injected hydrogen peroxide into contaminated soil to destroy PCE and other contaminants. They also removed some contaminated soil. Some contaminated soil remains at the site under a building.

An environmental covenant is in place for the site. A periodic review was conducted in 2012 and again in 2017. Both found that the cleanup remains protective of human and environmental health.

Please direct questions and comment to the Periodic Review Coordinator:

Panjini Balaraju

Southwest regional Office

**360-407-6335**

**[Panjini.Balaraju@ecy.wa.gov](mailto:Panjini.Balaraju@ecy.wa.gov)**

Document review locations:

- Ecology's Ellehammer Packaging website: **<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1121>**
- Ecology Southwest Regional Office – 300 Desmond Drive Lacey
- Please contact Susie Baxter for an appointment at **360-407-6365** or **[PublicDisclosureSWRO@ecy.wa.gov](mailto:PublicDisclosureSWRO@ecy.wa.gov)**.



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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: Kathy Falconer** at [Kathy.Falconer@ecy.wa.gov](mailto:Kathy.Falconer@ecy.wa.gov) or **509-329-3568**

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

**Southwest Regional Office: Kim Cross** at [Kim.Cross@ecy.wa.gov](mailto:Kim.Cross@ecy.wa.gov) or **509-329-3568**

### BENTON COUNTY

**Jackpot Food Mart 056**

**Facility Site ID# 38214358 Cleanup Site ID# 5992**

**500 George Washington Way, Richland**

*Determination of No Further Action*

Date Report Received: 3/14/2017

Name of Report: Fourth Quarter 2016 Groundwater Monitoring Report

Date of Report: 3/8/2017

Type of Report: groundwater monitoring

Contaminants Reported: petroleum

Affected Media: groundwater

Contact: CRO Public Records Coordinator

**509-454-7658**

[cropublicrequest@ecy.wa.gov](mailto:cropublicrequest@ecy.wa.gov)

### YAKIMA COUNTY

**Jackpot Food Mart 075**

**Facility Site ID# 84284248 Cleanup Site ID# 6752**

**620 N 16th Ave, Yakima,**

*Determination of No Further Action*

Ecology has determined that no further action is necessary at the Jackpot 075 Site. The Site had petroleum contamination in soil and groundwater.

Contact: Jennifer Lind, Site Manager

Central regional Office

**509-454-7839**

[jennifer.lind@ecy.wa.gov](mailto:jennifer.lind@ecy.wa.gov)

More information may be found at: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6752>

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## NEWS & NOTES

### **NEW! Revised Policies & Boilerplates**

We are pleased to announce new and revised policies for **MTCA Consent Decrees, De Minimis Consent Decrees, Agreed Orders, and Enforcement Orders**. Boilerplates are attached to policies where noted. Find more policies and procedures on TCP's **Policies, Procedures, and Implementation Memoranda page**.

#### **Policy 520A: Consent Decrees**

**This new Policy** provides staff guidance on when and how to exercise Ecology's authority to enter into a settlement agreement (consent decree) with a potentially liable person (PLP), including:

- Initiating negotiations.
- Determining whether to enter negotiations.
- The role of the Attorney General's Office as an independent party and the need for consultations.
- Notifying public when starting negotiations.
- Conducting negotiations within regulatory timeframes.
- Staying enforcement during negotiations.
- Withdrawing from negotiations.
- Using boilerplate to draft decree.
- Providing public notice and opportunity to comment on decree.
- Providing PLP notice upon satisfaction of decree or completion of cleanup.

The Policy incorporates procedural requirements from the rule and existing policies. The Policy emphasizes the choice of entering into settlement negotiations, the importance of negotiation deadlines, and the role of the Attorney General's Office.

The Policy attaches the current boilerplates for the consent decree, status letter, and satisfaction letter.

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#### **Policy 520C: De Minimis Consent Decrees**

**This existing Policy** provides staff guidance on when and how to use Ecology's authority to enter into de minimis settlements with a potentially liable person (PLP) at contaminated sites where the amount of contamination contributed by the PLP is "insignificant in amount and toxicity."

The Policy was established in January 2006 and has been updated to reflect the establishment of the Cleanup Settlement Account (CSA) and Ecology's Executive Policy 21-03. Under Policy 520C, Ecology will deposit receipts from de minimis settlements in the CSA, if so directed in the settlement. Citations and references have also been updated.

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## Policy 530A: Agreed Orders

**This new Policy** provides guidance on when and how to exercise Ecology's authority to enter into an agreed order with a potentially liable person (PLP), including:

- Initiating negotiations.
- Whether to invite all PLPs to participate in negotiations.
- Establishing expectations and general standards of work for PLPs
- Notifying public when starting negotiations.
- Conducting negotiations within regulatory timeframes.
- Staying enforcement during negotiations.
- Withdrawing from negotiations.
- Using boilerplate to draft agreed order.
- Providing public notice and opportunity to comment on agreed order.
- Enforcing terms of agreed order in court.
- Providing PLP notice upon satisfaction of agreed order or completion of cleanup.

The Policy incorporates procedural requirements from the rule and existing policies. The Policy emphasizes the importance of negotiation deadlines and enforcement of terms.

The Policy attaches the current boilerplates for the agreed order, PLP expectations letter, status letter, and satisfaction letter.

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## Policy 540A: Enforcement Orders

This existing Policy provides guidance on when and how to exercise Ecology's authority to issue enforcement orders (EO) to a potentially liable person (PLP). The Policy was last updated in 2004. The Policy has been updated to provide expanded guidance on:

- When Ecology may issue EO during cleanup process.
- Whether to attempt negotiating consent decree or agreed order before issuing EO.
- Whether to issue EO before conducting remedial actions.
- Using boilerplate to draft EO.
- Providing public notice and opportunity to comment on EO.
- Enforcing terms of EO in court.
- When Ecology will not enforce against residential landowners and lessees.

The Policy no longer addresses the plume clause liability exemption. That topic is now addressed under Policy 500A, which governs liability determinations by Ecology.

The Policy attaches the current boilerplate for the enforcement order.

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**Please direct questions and comments to:**

Michael Feldcamp, Senior Policy Analyst  
Policy & Technical Support Unit, Headquarters  
360-407-7531

[Michael.Feldcamp@ecy.wa.gov](mailto:Michael.Feldcamp@ecy.wa.gov)

Richelle Perez, Unit Supervisor  
Policy & Technical Support Unit, Headquarters  
360-407-7235

[Richelle.Perez@ecy.wa.gov](mailto:Richelle.Perez@ecy.wa.gov)

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## **NEW! Now Available!**

### **Frequently Asked Questions Regarding Model Remedy Implementation**

Over the last 18 months, Ecology issued two guidance documents related to petroleum model remedies:

- *Model Remedies for Sites with Petroleum Contaminated Soils* (Ecology 2015)
- *Model Remedies for Sites with Petroleum Impacts to Groundwater* (Ecology 2016)

Since their release, we have received numerous questions about how to apply and implement petroleum model remedies. Ecology has now released Implementation Memo No. 20, which provides responses to those questions.

The document is available at: <https://fortress.wa.gov/ecy/publications/SummaryPages/1709050.html>

If you have any questions on this memo, please contact:

Mark E. Gordon, P.E.  
Washington State Department of Ecology – Toxics Cleanup Program  
P.O. Box 47600  
Olympia, WA 98504-7600  
(360) 407-6357

[marg461@ecy.wa.gov](mailto:marg461@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)

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## 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**

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