

Site Register

WASHINGTON STATE DEPARTMENT OF ECOLOGY—TOXICS CLEANUP PROGRAM



September 14, 2017

CONTENTS

Formal Cleanups	1
Independent Cleanup	10
New & Notes	12
Glossary	15
Site Information Online	17
Regional Office Addresses	17

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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 cherylan.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.

CHELAN COUNTY

Chelan County Fire District 1	Facility Site ID#	53265 234	Cleanup Site ID#	6233
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**206 Easy Street,
Wenatchee**

Public Comment Period: 8/30/2017 – 9/29/2017

The Washington State Department of Ecology (Ecology) is proposing to remove the Chelan County Fire District 1 site, located at 206 Easy Street, Wenatchee, Washington, from its Hazardous Sites List. The **Hazardous Sites List** is a statewide list of contaminated properties. The site is currently ranked a “5” on the list. A rank of “1” is the highest level of concern compared to other sites on the list, and a rank of “5” is the lowest.

This site was used as a fuel storage site for the fire department in the past. The contaminants were gasoline and diesel fuel, and affected the soil. The pollution from the historical fuel station is no longer a threat to human health or the environment.

Direct questions and comments to:

Jeff Newschwander

509-454-7842

Jeff.Newschwander@ecy.wa.gov

Supporting documents are available for review at the following locations:

- Ecology’s Chelan County Fire District 1 site webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6233>
- Wenatchee Public Library: 305 S. Main Street, Wenatchee, **509-662-5021**
- Central Regional Office: 1250 W Alder St, Union Gap (call **509-575-2027** for an appointment)

For more information on opportunities to participate, go to Ecology’s Public Events Calendar: <https://fortress.wa.gov/ecy/publiccalendar/>

Site Register

CLARK COUNTY

**Camp Bonneville Military Reservation Site
Proebstel**

Facility Site ID# 69965472 Cleanup Site ID# 11670

Public Comment Period 8/16/17 – 9/18/17

Proposed Changes to Cleanup Action Plans for Public Review and Comment

Ecology invites you to review and comment on changes to cleanup action plans for Remedial Action Unit 2A - Small Arms Ranges Areas 16 and 21, and Remedial Action Unit 3 - Central Impact Target Zone for the Camp Bonneville Military Reservation Site in Proebstel, Clark County. The cleanup action plan is a document between Ecology and Clark County that outlines the process for cleanup activities at the site. A public meeting on the topic of this public notice will be held if requested by at least 10 people during the comment period.

To submit comments, go to: <http://wt.ecology.commentinput.com/?id=HcfpK>

For more information and/or to request a public meeting, contact:

Ronnie Johnson, site specialist

360-407-6487

Ronnie.Johnson@ecy.wa.gov

Document review locations:

- Ecology's Camp Bonneville webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=11670>
- Ecology Headquarters: 300 Desmond Drive SE, Lacey (contact **Carol Dorn**, for an appointment at **360-407-7224**, Carol.Dorn@ecy.wa.gov)

COWLITZ COUNTY

International Paper

Facility Site ID# 1080

Cleanup Site ID# 3685

10 International Way, Longview

Public Comment Period: 8/17/17 — 10/2/17

Open House and Public Hearing: Thursday, September 28, 5 p.m.

Draft Remedial Investigation and Feasibility Study Report for Public Review and Comment

An area at the former International Paper Company (International Paper) facility in Longview is ready to be cleaned up. The property, now owned by the Port of Longview, is the site of historic wood treatment operations. International Paper found contamination at the Maintenance Facility Area during cleanup of the Treated Wood Products Area.

About 6,470 cubic yards of soil are contaminated with diesel-range organics, polycyclic aromatic hydrocarbons (PAHs), and pentachlorophenol (PCP) above soil cleanup levels that protect groundwater. Groundwater is contaminated with the same chemicals.

A draft report called a remedial investigation and feasibility study is ready for public comment and review. The report:

- Determines site features such as groundwater flow
- Defines the type and extent of contamination

Site Register

- Assesses potential effects on human health and the environment
- Establishes cleanup criteria
- Evaluates cleanup options
- Evaluates cost estimates of cleanup options

You can also join Ecology staff for an open house and public hearing on Thursday Sept. 28 at the **Cowlitz County Event Center**. The open house begins at 5:00 p.m. and the public hearing begins at 6:00 p.m.

Submit comments online: <http://wt.ecology.commentinput.com/?id=TUZuk> or by mail to:

Kerry Graber (360-407-0241; Kerry.graber@ecy.wa.gov)

P.O. Box 47775

Olympia, WA 98504-7775

Document review locations:

- Ecology's International paper cleanup site webpage: <https://fortress.wa.gov/ecy/gsp/sitepage.aspx?csid=3685>
- Southwest Regional Office: 300 Desmond Drive Lacey (contact **Susie Baxter for an appointment at 360-407-6365** or PublicDisclosureSWRO@ecy.wa.gov)
- Longview Public Library: 1600 Louisiana St, Longview, **360-442-5300**, hours: Mon. – Wed., 10 a.m. to 8 p.m., Thurs.–Sat 10 a.m. to 5 p.m.

KING COUNTY

Gas Works Park Cleanup Site

Facility Site ID# 139

Cleanup Site ID# 2876

Seattle

Public Comment Period: 9/11/2017 – 10/10/2017

Draft Interim Cleanup Action Plan for Public Review and Comment

Ecology invites you to comment on draft plans for an interim cleanup action at Gas Works Park in Seattle. Puget Sound Energy (PSE) will begin operating a system this fall that will be used to monitor and remove arsenic contamination in the park, that was a result of past manufactured gas processes. The system was installed in the spring of 2017.

The draft plans for review include:

- Draft Amendment to an Agreed Order: an update to the existing legal agreement between Ecology, City of Seattle, and PSE.
- Draft Interim Action Work Plan: describes the work to be done this fall.
- State Environmental Policy Act Determination of Non-Significance addendum: states that no adverse environmental impact will result from work.

Direct comments and questions to:

Ching-Pi Wang, project manager

425-649-7134

cwan461@ecy.wa.gov

Site Register

Site documents are available for review and comment at the following locations:

- Ecology's Gas Works Park web page: <http://bit.ly/ECYGasWorksPark>
- Ecology's Northwest Regional Office: 3190 160th Avenue SE, Bellevue (contact **Sally Perkins** for an appointment at **425-649-7190** or Sally.Perkins@ecy.wa.gov)
- Fremont Public Library: 731 N. 35th Street, Seattle; **206-684-4084**

American Linen Supply Co Dexter Ave site

Facility Site ID# 3573

Cleanup Site ID# 12004

700 Dexter Avenue North property, Seattle

Public Comment Period: September 15 – October 16, 2017

Agreed Order for American Linen Supply Co Dexter Ave cleanup site

Ecology and the current property owner, BMR-Dexter LLC, will enter into a legal agreement called an Agreed Order for the American Linen Supply Co Dexter Ave site. The site is located at and around the 700 Dexter Avenue North property in Seattle.

Under the Agreed Order, BMR-Dexter LLC will be required to:

- Prepare and implement a Remedial Investigation/ Feasibility Study Work Plan to define the full nature and extent of contamination on and around the property and assess alternative cleanup approaches
- Prepare and implement an Interim Action Work Plan, if proposed
- Assist Ecology with drafting a Cleanup Action Plan

Public Comments Invited

Ecology invites you to review and comment on the following documents:

- Draft Agreed Order
- Draft Public Participation Plan – Ecology developed a public participation plan for the Site. The plan outlines and describes the tools and approaches that Ecology will use to inform the public about Site activities, and identifies opportunities for the community to become involved in this process.

Send your written comments to:

Tamara Cardona

taca461@ecy.wa.gov or mail to:

3190 160th Ave SE, Bellevue, WA 98008

Please reference American Linen Supply Co Dexter Ave Cleanup Site. To request materials in a format for the visually impaired, call Ecology at 425-649-7117 (Relay Service 711) or TTY 877-833-6341.

Periodo de comentario público: 15 de septiembre a 16 de octubre de 2017

La Orden Acordada y el Plan de Participación del Público para el sitio de limpieza American Linen Supply Co Dexter Ave están disponibles para la revisión del público

El Departamento de Ecología del estado de Washington y BMR-Dexter LLC, el dueño de la propiedad, entrarán en un acuerdo legal conocido como una Orden Acordada para el sitio American Linen Supply Co Dexter Ave. El Sitio está localizado en y alrededor de la propiedad ubicada en el 700 de la Avenida Dexter Norte en Seattle. Ecología invita al público a revisar y comentar en el borrador de la Orden Acordada y el borrador del Plan de Participación del Público.

Site Register

Para obtener más información en español o traducciones de otros materiales comuníquese con Gretchen Newman a 360-407-6097, o por correo electrónico a preguntas@ecy.wa.gov. Por favor refiérase al sitio de limpieza de American Linen Supply Co Dexter Ave en su mensaje. Envíe sus comentarios por escrito a Tamara Cardona, el contacto asignado para este proyecto, por correo electrónico a taca461@ecy.wa.gov o por correo postal a 3190 160th Ave SE, Bellevue, WA 98008.

Document review locations:

- Northwest Regional Office, 3190 160th Ave S.E., Bellevue (call **Sally Perkins** for an appointment at **425-649-7190** or email nwro_public_request@ecy.wa.gov and reference American Linen Supply Co Dexter Ave)
- Seattle Public Library – Central Branch, 1000 4th Ave, Seattle, **206-386-4636**
- American Linen Supply Co Dexter Ave Ecology website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=12004>

Special accommodations

To request ADA accommodation for disabilities, or printed materials in a format for the visually impaired, call Ecology at 425-649-7117 or visit <http://www.ecy.wa.gov/accessibility.html>. Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

MASON COUNTY

**Goose Lake Site
Shelton**

Facility Site ID# 1185

Cleanup Site ID# 2537

Goose Lake comment period and public meeting canceled until further notice

Ecology regrets to announce that the public comment period and public meeting scheduled for September 21 concerning partial cleanup work at the Goose Lake site is canceled. The agreed order we drafted with Shelton Hills Investors, LLC, committing them to interim cleanup work on a very small portion of the site, will not be finalized at this time. In the event that this work is not performed by Shelton Hills, it will be completed under the cleanup action plan for the Goose Lake site as a whole.

While negotiating the terms of the agreed order with Shelton Hills, we had to abide by our state cleanup law. At this time, Shelton Hills was not prepared to accept some of the terms. Shelton Hills and Rayonier Advanced Materials remain the potentially liable parties for the Goose Lake site.

We understand that this cleanup project is important to many who live and work in the community, and we apologize for this disruption. We continue to work actively with Rayonier Advanced Materials under a separate, longstanding agreed order for the entire Goose Lake site. In late 2017, we expect to invite public comment on the remedial investigation report, which will describe the extent and nature of contamination on the site.

If you have questions, contact Rebecca Lawson, the Toxics Cleanup Program Southwest Regional Manager, at Rebecca.Lawson@ecy.wa.gov or **360-407-6241**.

For more information about the site, visit Ecology's Goose Lake webpage: <https://tinyurl.com/GooseLakeCleanup>

Site Register

PIERCE COUNTY

Superlon Plastics Co., Inc.

Facility Site ID# 2776343 Cleanup Site ID# 2096

2116 Taylor Way, Tacoma

Public Comment Period: 9/14/17 — 10/16/17

Public Meeting: 10/4/17

Draft cleanup documents available for public comment

Ecology invites your comment on plans for a partial cleanup and other environmental reports for the Superlon Plastics cleanup site. The cleanup will focus on the portion of the site owned by White Birch Group, LLC.

Four documents are available for review:

- Partial remedial investigation – describes the types and extent of contamination on the White Birch property portion of the site.
- Partial feasibility study – evaluates cleanup alternatives for the White Birch portion of the site.
- Interim action work plan – describes cleanup plans for the White Birch portion of the site.
- State Environmental Protection Act (SEPA) determination – declares that mitigation can address any potential negative impacts caused by cleanup activities.

Your written comments on any of these reports are invited from September 14 – October 16, 2017.

Ecology is also holding a public meeting to provide more information:

Norpoint Community Center (light refreshments will be provided)

6 – 8 p.m., October 4, 2017

4818 Nassau Avenue East, Tacoma

Please direct comments or questions to:

Marv Coleman, Cleanup Project Manager

360-407-6259 or **Marv.Coleman@ecy.wa.gov**

You can find documents at the following locations:

- Ecology's Superlon Plastics website: **<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2096>**
- Tacoma Public Library, 1102 Tacoma Ave. South, Tacoma, **253-591-5666**
- Citizens for a Healthy Bay, 535 Dock St., Suite 213, Tacoma, **253-383-2429**
- Southwest Regional Office, 300 Desmond Drive Lacey (contact **Susie Baxter for an appointment at 360-407-6365** or **PublicDisclosureSWRO@ecy.wa.gov**)

SPOKANE COUNTY

Aluminum Recycling Trentwood

Facility Site ID# 628

Cleanup Site ID# 1081

2317 North Sullivan Road, Spokane Valley

Public Comment Period: 9/1/17 – 9/18/17

Draft State Environmental Policy Act Documents for Public Comment and Review

Ecology seeks your input on the draft State Environmental Policy Act (SEPA) checklist that we use to determine whether a cleanup action will have negative effects on people or the environment.

Site Register

Union Pacific Railroad, which is responsible for cleaning up the Aluminum Recycling Trentwood site, is proposing to excavate approximately 360 cubic yards of an existing stockpile of mixed waste including aluminum sulfate, aluminum dross, and mineral oxides. Excavated material will be transported on-site and loaded into rail cars for shipment off-site. This excavated material will be used to test a recycling process; if successful, the process may be able to be used to clean up the entire waste pile.

Ecology determined that the proposal will not cause negative effects on people or the environment. You may comment on both the SEPA checklist and our determination.

Submit comments to:

Sandra Treccani, site manager

Ecology's Eastern Regional Office

4601 N. Monroe St., Spokane, WA 99205

sandra.treccani@ecy.wa.gov

Technical questions: **509-329-3412**

Document review locations:

- Aluminum Recycling Trentwood website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1081>
- Eastern Regional Office Toxics Cleanup Program, 4601 N. Monroe, Spokane (call **509-329-3415** for an appointment)

WHATCOM COUNTY

Chevron 90619 Cleanup Site
1205 Washington St, Bellingham

Facility Site ID# 35363194 Cleanup Site ID# 8836

Public Comment Period: 9/1/17 – 9/18/17

Draft State Environmental Policy Act Documents for Public Comment and Review

Ecology seeks your input on the draft State Environmental Policy Act (SEPA) checklist that we use to determine whether a cleanup action will have negative effects on people or the environment.

Union Pacific Railroad, which is responsible for cleaning up the Aluminum Recycling Trentwood site, is proposing to excavate approximately 360 cubic yards of an existing stockpile of mixed waste including aluminum sulfate, aluminum dross, and mineral oxides. Excavated material will be transported on-site and loaded into rail cars for shipment off-site. This excavated material will be used to test a recycling process; if successful, the process may be able to be used to clean up the entire waste pile.

Ecology determined that the proposal will not cause negative effects on people or the environment. You may comment on both the SEPA checklist and our determination.

Submit comments to:

Sandra Treccani, site manager

Ecology's Eastern Regional Office

4601 N. Monroe St., Spokane, WA 99205

sandra.treccani@ecy.wa.gov

Technical questions: **509-329-3412**

Site Register

Document review locations:

- Aluminum Recycling Trentwood website: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1081>
- Eastern Regional Office Toxics Cleanup Program, 4601 N. Monroe, Spokane (call **509-329-3415** for an appointment)

**South State Street Manufactured Gas Plant
Cleanup Site**

Facility Site ID# 2865

Cleanup Site ID# 4606

Boulevard Park, Bellingham

Public Comment Period: 8/28/2017 — 9/26/2017

Ecology seeks comments on planned work to prevent soil erosion along Bellingham Bay shoreline

Ecology invites you to comment on planned work to prevent potentially contaminated soil from eroding into Bellingham Bay. The work will occur at the north end of Boulevard Park, within the South State Street Manufactured Gas Plant Site, and includes repairing damage from winter storms by reshaping the shoreline and placing rock to prevent future erosion. In addition, an existing failing dock is slated for removal. Work is scheduled to begin in September and last about a month.

Documents regarding the work include:

- An amendment to an existing legal agreement (agreed order) between Ecology, the City of Bellingham, and Puget Sound Energy
- A workplan for the Boulevard Park work

Ecology is making the documents available for public review and will accept written comments from August 28 – September 26, 2017.

Please direct questions or submit comments to:

John Guenther, site manager

360-715-5213 or john.guenther@ecy.wa.gov

You can find documents at the following locations:

- Ecology's website: <http://bit.ly/SouthStateStreet>
- Ecology's Northwest Regional Office, 3190 160th Avenue SE, Bellevue (contact **Sally Perkins** for an appointment at **425-649-7190** or Sally.Perkins@ecy.wa.gov)
- Bellingham Public Library, 210 Central Avenue, Bellingham, **360-778-7323**
- Ecology's Bellingham Office, 1440 10th Street, Suite 102, Bellingham, **360-778-7323**

**Central Waterfront cleanup site
Bellingham**

Facility Site ID# 2864

Cleanup Site ID# 3418

Public Comment Period: 9/18/17 – 11/1/17

Public Meeting: 10/4/17

Ecology seeks comments on environmental report

The Department of Ecology invites you to comment on a draft environmental report (Remedial Investigation/ Feasibility Study) that includes a preferred option to clean up the Central Waterfront site in Bellingham.

The Port of Bellingham and the City of Bellingham prepared the report with Ecology's oversight. They investigated contamination and evaluated cleanup options, leading to a preferred cleanup option.

Site Register

All of this work is detailed in the report, and Ecology will accept comments on it from September 18 – November 1, 2017.

Ecology will also hold a public meeting to provide more information:

Technology Development Center, Douglas G. Smith room

6 – 8 p.m., Wednesday, October 4, 2017

1000 F Street, Bellingham

Please direct questions or comments to:

Brian Sato, project manager

425-649-7265 or brian.sato@ecy.wa.gov

You can find documents at the following locations:

- Ecology’s website: <http://bit.ly/CentralWaterfront>
- Ecology’s Northwest Regional Office, 3190 160th Avenue SE, Bellevue (contact **Sally Perkins** for an appointment at **425-649-7190** or Sally.Perkins@ecy.wa.gov)
- Ecology’s Bellingham Office, 1440 10th Street, Suite 102, Bellingham, **360-778-7323**
- Bellingham Public Library, 210 Central Avenue, Bellingham, **360-778-7323**

YAKIMA COUNTY

Terrace Heights Elementary School

Facility Site ID# 221207

Cleanup Site ID# 3874

101 N 41st St, Yakima, Washington (previously 4300 Maple Court, Yakima)

Public Comment Period: 8/23/17 — 9/22/17

Ecology is proposing to remove the Terrace Heights Elementary School site, located at 4300 Maple Court, Yakima, from its Hazardous Sites List. **The Hazardous Sites List** is a statewide list of contaminated properties. The site is currently ranked a “5” on the list. A rank of “1” is the highest level of concern compared to other sites on the list, and a rank of “5” is the lowest. This site has lead and arsenic present in soil due to suspected past pesticide use. A geotextile barrier with a clean soil cap was installed at the site to prevent public exposure.

Direct questions and comments to:

Jeff Newschwander

509-454-7842

Jeff.Newschwander@ecy.wa.gov

Supporting documents are available for review at the following locations:

- Ecology’s Terrace Heights Elementary School Site Information web page: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3874>
- Yakima Public Library: 102 North 3rd Street, Yakima, 509-452-8541
- Central Regional Office: 1250 W Alder St, Union Gap (call **509-575-2027** for an appointment)

Site Register

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 or **509-454-7658**

Eastern Regional Office: Kathy Falconer at Kathy.Falconer@ecy.wa.gov or **509-329-3568**

Northwest Regional Office: Donna Musa at Donna.Musa@ecy.wa.gov or **425-649-7136**

Southwest Regional Office: Kim Cross at Kim.Cross@ecy.wa.gov or **509-329-3568**

BENTON COUNTY

Richland Uptown Shopping Center Parcel 22 **Facility Site ID# 19542** **Cleanup Site ID# 11639**
1365 George Washington Way, Richland

Determination of No Further Action

Ecology has determined that no further action is necessary at the Richland Uptown Shopping Center Parcel 22 site. The site had petroleum contamination in soil.

More information may be found at the Ecology site webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=11639>

Contact: **Frank Winslow**, site manager
 509-454-7835
 frank.winslow@ecy.wa.gov

Richland Uptown Shopping Center Parcel 09 **Facility Site ID# 5431** **Cleanup Site ID# 11646**
1365 George Washington Way, Richland

Determination of No Further Action

Ecology has determined that no further action is necessary at the Richland Uptown Shopping Center Parcel 09 site. The site had petroleum contamination in soil.

More information may be found at the Ecology site webpage: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=11646>

Contact: **Frank Winslow**, site manager
 509-454-7835
 frank.winslow@ecy.wa.gov

Site Register

CHELAN COUNTY

Lake Chelan Boat Co Lady of the Lake II
1418 W Woodin Ave, Chelan

Facility Site ID# 93262331 Cleanup Site ID# 11738

Groundwater Monitoring Report Received

Date Report Received: 9/1/2017
Name of Report: Second Quarter 2017 Groundwater Monitoring Report
Date of Report: 8/25/2017
Type of Report: groundwater monitoring
Contaminants Reported: petroleum
Affected Media: groundwater

Contact: Central Regional Office Public Records Coordinator
509-454-7658
cropublicrequest@ecy.wa.gov

YAKIMA COUNTY

Roy Farms ASTs
1040 Desmarais Rd, Moxee

Facility Site ID# 14794 Cleanup Site ID# 11404

Groundwater Monitoring Report Received

Date Report Received: 8/31/2017
Name of Report: July 2017 Biannual Monitoring Report
Date of Report: 8/29/2017
Type of Report: groundwater monitoring
Contaminants Reported: petroleum
Affected Media: groundwater

Contact: Central Regional Office Public Records Coordinator
509-454-7658
cropublicrequest@ecy.wa.gov

Site Register

NEWS & NOTES

NEW! Guidance with Updated Gasoline and Diesel Soil Concentrations

To help you fulfill requirements for a site-specific Terrestrial Environmental Evaluation (TEE), we've released new Implementation Memorandum No. 19: **Gasoline and Diesel Soil Concentrations Predicted to be Protective of Upland Ecological Receptors**.

This short memorandum updates gasoline and diesel soil concentrations that are predicted to be protective of plant and soil biota for total petroleum hydrocarbons (TPH) at any MTCA site. Find it on Ecology's **publications website** or TCP's **Policies and Procedures webpage**.

Please direct questions and comments to:

Arthur Buchan, Toxicologist
Policy & Technical Support Unit, Headquarters, Toxics Cleanup Program
arthur.buchan@ecy.wa.gov, 360-407-7146

Scott O'Dowd, Engineer
Policy & Technical Support Unit, Headquarters, Toxics Cleanup Program
sodo461@ecy.wa.gov, 360-407-7195

Updated Model Remedy Documents Available for Comment through September 22

In March 2017, Ecology released **Frequently Asked Questions (FAQ's) Regarding Model Remedy Implementation (Memo No. 20)**. The memo indicated that Ecology intended to update both the soil and groundwater model remedy guidance to incorporate policy changes that occurred since the documents were originally released.

Both the soil and groundwater guidance documents have been updated and are now available for public review:

- **DRAFT Model Remedies for Sites with Petroleum Contaminated Soils (rev. August 2017):** <https://fortress.wa.gov/ecy/publications/SummaryPages/1509043.html>
- **DRAFT Model Remedies for Sites with Petroleum Impacts to Groundwater (rev. August 2017):** <https://fortress.wa.gov/ecy/publications/SummaryPages/1609057.html>

You're invited to submit comments by September 22, 2017 to:

Mark E. Gordon, P.E., Department of Ecology – Toxics Cleanup Program
P.O. Box 47600, Olympia, WA 98504-7600
360-407-6357, marg461@ecy.wa.gov

Site Register

Comments Accepted through September 22nd: Guidance on Evaluating Sites for Petroleum Vapor Intrusion

Your comments are requested on Ecology's new guidance for evaluating sites with petroleum vapor intrusion.

In October 2009, we released a draft vapor intrusion (VI) guidance document (*Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*). Since that time, much more new information has become available about the makeup and migration potential of petroleum vapors.

In March 2016, we subsequently issued Implementation Memo No. 14 (*Updated Process for Initially Assessing the Potential for Petroleum Vapor Intrusion*) to provide direction for initially assessing whether vapor intrusion is a potential concern at sites with petroleum contamination. While Memo No. 14 resolved a number of questions, we found that several remaining issues still needed clarification.

To address these issues, we've prepared **draft Implementation Memo No. 18**, which proposes the following:

1. Several modifications to the **CLARC Vapor Intrusion data tables** to account for the additive effects of non-carcinogenic compounds present in petroleum mixtures. This includes establishing a generic TPH indoor air cleanup level that can be used as an alternative to developing a site specific value.
2. Options for assessing whether petroleum VI represents a reasonably likely threat to future buildings, and
3. Additional direction for developing Tier I or Tier II petroleum VI sampling plans.

For more information, contact:

Mark E. Gordon, P.E., Toxics Cleanup Program
P.O. Box 47600, Olympia, WA 98504-7600
360-407-6357, marg461@ecy.wa.gov

Site Register

NEW! Guidance to Establish Conditional Points of Compliance for Groundwater to Surface Water Discharge Settings

We're pleased to announce the release of **Implementation Memorandum No. 16: Developing Conditional Points of Compliance at MTCA Sites Where Groundwater Discharges to Surface Water**. The guidance is designed to help site managers and environmental consultants make decisions in accordance with MTCA on "when" and "where" conditional points of compliance may be set where contaminated groundwater discharges to surface water.

Please direct questions and comments to:

Jerome Cruz, Hydrogeologist, Toxics Cleanup Program, Northwest Regional Office
jerome.cruz@ecy.wa.gov, 425.649.7094

Mark Adams, Hydrogeologist, Toxics Cleanup Program, Northwest Regional Office
mark.adams@ecy.wa.gov, 425.649.7107

Site Register

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.

Site Register

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

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

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