DEPARTMENT OF ECOLOGY
State of Washington

March 6, 2025

Contaminated Site Register

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ADA Accessibility

To request an ADA accommodation, call us at 360-407-7170 or visit https://ecology.wa.gov/ADA. For Relay Service or TTY call 711 or 877-833-6341.

News and notes

Ecology launches improved data analysis tool for contamination cleanup professionals

Ecology collects and shares environmental data through our Environmental Information Management system (EIM). We've redeveloped MyEIM, the companion tool that helps cleanup professionals analyze bioassay and chemical data from EIM. The new tool is called EDAT (EIM Data Analysis Tool). EDAT has a more intuitive user interface, more features, and better performance than MyEIM.

New features

- EDAT includes the "MTCASTat 97 Site" and "MTCAStat 97 Background" statistical analysis calculators that used to be in stand-alone Excel-based workbooks
- You can display chemistry and bioassay results on a highly customizable map, or export them to Excel
- A bioassay calculator lets you analyze bioassay data that isn't in the EIM database

Using EDAT

To use EDAT you'll need a Secure Access Washington (SAW) account. See the webpage (left) for instructions. Once in EDAT, the help menu has quick guides with step-by-step instructions for how to use the application.

Note for MyEIM users

- Your MyEIM SAW account will not transfer to EDAT. You will have to request access through SAW again.
- If you have saved searches, custom search groups, customized cleanup criteria, or derived variables in MyEIM, you must recreate them in EDAT.

For more information the EDAT webpage[1] or email EDAT@ecy.wa.gov.

CLARC February 2025 update

For more information

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

Note: This is a special update outside of our normal update schedule, due to major changes to surface water quality criteria.

Ecology's Cleanup Levels and Risk Calculation (CLARC) resource is a collection of technical information for more than 600 chemicals. TCP built this tool to help cleanup project managers and stakeholders determine cleanup levels for contaminated sites. CLARC contains toxicity values, chemical and physical properties, risk-based protective levels, and levels based on applicable state and federal laws.

Stay up-to-date on CLARC

Sign up for our new **MTCA Contamination cleanup tools mailing list**[2] to receive notifications when we update CLARC. We update CLARC every six or twelve months. The most recent version is always available on the CLARC webpage[3].

What changed

- Added newly published IRIS toxicity values for arsenic (RfDo and CPFo) and PFHxS (RfDo) released by EPA on Jan. 13, 2025. Updated information in the noncancer effects table for these chemicals.
- Updated human health surface water quality criteria in WAC 173-201A-240 based on Ecology's Water Quality Program's recent adoption of amendments[4] to this regulation in late December 2024. EPA approved these in January 2025.
- Updated the chemical-specific note for methyl mercury.

Independent Remedial Action Grants for local governments

For more information

Contact Laurie Dahmen
Laurie.Dahmen@ecy.wa.gov
360-628-7499

Visit our Independent Remedial Action Grants webpage[5]

Apply by 5 p.m. June 18 for this evaluation cycle

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

We accept applications on an ongoing basis throughout the biennium, regardless of funding availability. To be considered for the next funding evaluation cycle, submit your application **by 5 p.m. on Wednesday, June 18, 2025.** The 2023-25 biennium guidelines[6] are available on the webpage. We anticipate awarding the grants by August 2025.

We will accept applications for these grants again starting in Fall 2025.

12:01 a.m. Feb. 24–11:59 p.m. March 25

Comment on draft guidance for selecting permanent solutions to the maximum extent practicable

Comment online[7]

For more information

- Contact Mahbub Alam
  Senior Contaminated Site Cleanup Engineer
  mahbub.alam@ecy.wa.gov
  360-280-6274

When cleaning up a contaminated site, the Model Toxics Control Act (MTCA) requires using permanent solutions to the maximum extent practicable. Permanent solutions do not rely on controls (such as containment barriers or land use restrictions) to remain protective after the cleanup is complete. MTCA requires more permanent solutions if their added benefit is greater than their added cost.

The MTCA Cleanup Regulations specify how to select a cleanup action that meets this statutory requirement using a disproportionate cost analysis (DCA). The evaluation involves identifying the benefits (such as protectiveness and long-term effectiveness) and costs (both construction and post-construction) of possible cleanup alternatives. The process ranks them by their degree of permanence then compares their relative benefits and costs starting with the most permanent.

We are developing this guidance to help people conducting cleanups understand how to complete the evaluation required by the rule. We also created a tool using Microsoft Excel to help people conduct the evaluation. The guidance includes instructions on how to use the tool.

We invite your comments on:

- Draft Guidance and Tool for Determining if a Cleanup Action uses Permanent Solutions to the Maximum Extent Practicable using Disproportionate Cost Analysis[8]
- The draft DCA Tool[9]

New sites

Sites added to our lists of cleanup sites in Washington state since the previous issue of the Contaminated Site Register. Click the site name to visit a webpage about the site.

Sites needing cleanup

Awaiting cleanup

- Joint Base Lewis McChord (JBLM) PFAS[10] CSID 17189
- Chelan Luxury Garages[11], Chelan CSID 17193

Cleanup started

- Arcadia Montessori[12], Tacoma CSID 17192

No further action sites

Sometimes we decide no further action is needed to clean up a site before we first list it in our database. This can happen when a property owner completes a cleanup within 90 days of discovery.

- Simplot Diesel Spill[13], Burbank CSID 17190
- Nissen Property[14], Edmonds CSID 17188
- Grant Cnty PUD Ephrata Service Center[15], Ephrata CSID 17191

Cleanup site lists

You can search the Contaminated Sites List and No Further Action Sites List on Cleanup and Tank Search[16], or by using our What's In My Neigborhood map[17].

Cleanups supervised by Ecology

These cleanups are supervised by Ecology under legal agreements or orders, or performed by Ecology.

CLARK COUNTY

Alcoa Vancouver/Port of Vancouver

5701 NW Lower River Rd,
Vancouver

Facility Site ID# **21**
Cleanup Site ID# **2867**

For more information

- Visit Ecology's Alcoa Vancouver/Port of Vancouver webpage[18]
- Contact Dave Johnson
  Site Manager
  dave.johnson@ecy.wa.gov
  360-338-2638

Negotiations for an Agreed Order

Ecology has begun negotiations with the Port of Vancouver, the potentially liable person for this contaminated site, for an agreed order to conduct an interim cleanup action. The negotiations are expected to end by June 15, 2025. This will be a new legal agreement for additional cleanup work to address polychlorinated biphenyl (PCB) and polycyclic aromatic hydrocarbon (PAH) contaminated sediment at the site.

Pacific Wood Treating (off-property)

Neighborhood east of 111 W Division Street, Ridgefield

Facility Site ID# **1019**
Cleanup Site ID# **3020**

For more information

- Visit Ecology's Pacific Wood Treating Corp webpage[19]
- Contact Cam Penner-Ash
  Site Manager
  cam.penner-ash@ecy.wa.gov
  360-999-9590

Final Cleanup Action Plan Available

The final off-property Cleanup Action Plan[20] is now available on the Pacific Wood Treating webpage.

We held a public comment period from Jan. 9 to Feb. 10, 2025, for public review and comment on the following documents:

- **Agreed Order DE 12769** is a legal agreement requiring the Port and the City of Ridgefield to carry out the Cleanup Action Plan.
- **Draft Off-Property Cleanup Action Plan** is Ecology's plan for cleanup. We plan to replace 12–24 inches of soil in 15 yards and rights of ways with high dioxin levels.
- **Draft Off-Property Remedial Investigation and Feasibility Study** describe what chemicals are polluting the cleanup site (dioxins) and where they are. It includes sampling results for specific properties and neighborhood areas. It also compares cleanup options.
- **State Environmental Policy Act (SEPA): Determination of Non-Significance** states that Ecology's draft Cleanup Action Plan is not likely to harm the environment.

Next Steps:
We did not receive any comments. Ecology signed the Agreed Order, and the off-property Cleanup Action Plan, Remedial Investigation, and Feasibility Study are now final.

KING COUNTY

Snopac Property Cleanup Site

5055 and 5053 East Marginal Way South, Seattle

Facility Site ID# **1523145**
Cleanup Site ID# **12463**

Comment online[21]
or mail comments to:

Sandra Matthews
Site Manager
PO Box 330316
Shoreline, WA 98133-9716

For more information

- Visit Ecology's Snopac Property Cleanup Site webpage[22]
- Contact Sandra Matthews
  Site Manager
  sandra.matthews@ecy.wa.gov
  425-223-1999

Document review locations

- South Park Branch,
  Seattle Public Library
  8604 8th Ave S.
  Seattle

12:01 a.m. Feb. 24–11:59 p.m. April 24:

Uplands draft cleanup action plan and in-water feasibility study available for review and comment

Ecology invites you to comment on two documents for the Snopac Property cleanup site on the Lower Duwamish Waterway.

The following documents are available:

- Uplands Draft Cleanup Action Plan: Ecology's plan describing the cleanup work to address the remaining contamination at the portion of the Site outside of the water, called the uplands area.
- In-water Feasibility Study: A document that describes the areas requiring cleanup, identifies and evaluates a range of cleanup actions, called alternatives, and identifies a preferred way to address the cleanup of the sediments in a portion of Slip 1, called the in-water area.

The site consists of an uplands area, a shoreface area, and an in-water sediment area. There is contamination in the soil, groundwater, and the sediment.

The contaminants of concern are:

- Metals
- Polychlorinated biphenyls
- Polycyclic aromatic hydrocarbons
- Pentachlorophenol
- Tributyltin Ion
- Total petroleum hydrocarbons

The primary source of contamination at the site is SBG which contains metals typical of smelter slag. Erosion of this material on the bank has moved contamination into the sediment.

Learn about Snopac at the March Office Hours event
We will be highlighting this comment period at our March Lower Duwamish Waterway Office Hours[23] event at Georgetown Brewing on Thursday, March 13 from 4–6 p.m. Join us to learn more!

KITSAP COUNTY

Crownhill Elementary School Bremerton School District

1500 Rocky Point Rd NW
Bremerton

Facility Site ID# **99722456**
Cleanup Site ID# **4487**

Comment online[24]
or mail comments to:

Vance Atkins
Site Manager
PO Box 330316 Shoreline WA 98133

For more information

- Visit Ecology's Crownhill Elementary School Bremerton School District webpage[25]
- Contact Vance Atkins
  Site Manager
  vance.atkins@ecy.wa.gov
  425-324-1438

Document review locations

- Kitsap Regional Library
  612 5th Street N
  Bremerton, WA 98337
- Bremerton School District
  134 Marion Ave
  Bremerton, WA 98312
- Ecology Northwest Region
  Central Records Office
  15700 Dayton Ave N
  Shoreline, WA 98133

12:01 a.m. Feb. 27–11:59 p.m. March 28:

Comment on periodic review

We review sites about every five years to evaluate the effectiveness of the cleanup. The purpose of the review is to make sure the institutional controls remain effective, and the cleanup still protects human health and the environment.

This cleanup is still protecting human health and the environment. We invite your comments on the periodic review report.

The site includes the Crownhill Elementary School property at 1500 Rocky Point Road (northern parcel) and the northern portion of the Bremerton United Methodist Church property at 1150 Marine Drive (southern parcel).

The site was used for sand and gravel mining up to the 1930s. After excavation stopped, the pit was used as a municipal/industrial landfill in the 1930s and 1940s. Investigations indicate that the fill extended from 15 to 40 feet below the ground surface. Bremerton School District acquired the northern parcel from Kitsap County in 1954, and the Methodist Church likely acquired the southern parcel in the 1960s.

PIERCE COUNTY

Cascade Timber 3 POT

Thorne Rd & Maxwell
Tacoma

Facility Site ID# **1206**
Cleanup Site ID# **2693**

Comment online[26]
or mail comments to:

Danielle Gibson
Periodic Review Coordinator
Toxics Cleanup Program PO Box
47775 Olympia, WA 98504-7775

For more information

- Visit Ecology's Cascade Timber 3 POT webpage[27]
- Contact Danielle Gibson
  Periodic Review Coordinator
  danielle.gibson@ecy.wa.gov
  360-409-6164

8:00 a.m. March 13–11:59 p.m. April 14:
Periodic review report available for public comment

We invite your comments on the third periodic review of this cleanup site. The full periodic review report is available on the cleanup site webpage (left).

Cascade Timber Company leased the site to use as a log yard from 1978 to 1984. In 1982, they used about 500 tons of contaminated smelter slag from the American Smelting and Refining Company (ASARCO) to stabilize the ground for machinery. This contaminated the soil with metals.

The owner of the site, the Port of Tacoma, installed a paved cap to cover contamination and installed groundwater monitoring wells in 1994. A restrictive covenant only allows industrial use of the property and requires the property owner to maintain the cap. Currently, the site is used for lining up trucks entering the main Port of Tacoma terminal.

About every 5 years, Ecology inspects the cap and reviews groundwater data to ensure human health and the environment are protected.

Our inspection found that the cap is working and doesn't need repairs. Recent groundwater samples, including those collected in February 2024, show that arsenic levels are above cleanup levels. These are consistent with past detections at the site and do not appear to indicate either an increasing or decreasing trend in concentrations. Ecology will continue to review the concentration of metals including arsenic in future periodic reviews.

No further cleanup is required at this time. The property owner is responsible for ensuring the cap is maintained and conducting groundwater monitoring every 18 months. The next periodic review will be in about five years.

Former WestRock Tacoma Pulp and Paper Mill

801 E Portland Avenue
Tacoma

Facility Site ID# **39**
Cleanup Site ID# **16842**

For more information

- Visit Ecology's Former WestRock Tacoma Pulp and Paper Mill webpage[28]
- Contact Emily Toffol
  Site Manager
  emily.toffol@ecy.wa.gov
  360-790-8363

Negotiations for an agreed order

Ecology has begun negotiations with WestRock CP, LLC; Simpson Tacoma Kraft Company, LLC; International Paper Company; potentially liable persons for the site, for an agreed order to complete a remedial investigation, feasibility study, and draft cleanup action plan. We expect negotiations to end by July 2025. The site is contaminated due to industrial practices and historical land use.

SKAGIT COUNTY

MJB South Hydro Fill

T Ave 25th & 30th St
Anacortes

Facility Site ID# **7681**
Cleanup Site ID# **1434**

Comment online[29]
or mail comments to:

David Horne
Headquarters Office
PO Box 47600
Olympia, WA 98504-7600

For more information

- Visit Ecology's MJB South Hydro Fill webpage[30]
- Contact David Horne
  Site Manager
  david.horne@ecy.wa.gov
  360-742-1091

12:01 a.m. March 3–11:59 p.m. April 1:
Comment on draft five-year review report

We review sites at least every five years after beginning cleanup at a site. The purpose of the review is to evaluate current site conditions and to ensure the continued protection of people and the environment.

Ecology visited the site on Dec. 17, 2024. The cleanup is effectively protecting people and animals from exposure to hazardous substances. An environmental covenant for the property is in place to protect the cleanup action and ensure it keeps working.

We invite you to comment on the draft periodic review report[31].

Site history

The southern portion of the site was created in 1974 using sediment from dredging the navigation channel in Fidalgo Bay. Between 1991 to 2011, investigations found contamination in the soil and groundwater.

In 2010, workers removed about 3,291 cubic yards of contaminated soil while constructing a boat ramp. They sent the contaminated soil to a landfill. In 2013, workers removed another 39 cubic yards and tested soil afterwards. However, groundwater at the site is still contaminated, so in 2024, restrictions were put in place to prevent its use.

Next steps

We will review all comments received during the comment period and update the periodic review if needed. If we don't make significant changes, we will finalize the periodic review. If we make significant changes, we'll hold another public comment period. We will hold a public meeting if 10 or more people request one.

WHATCOM COUNTY

Harris Avenue Shipyard

201 Harris Ave
Bellingham

Facility Site ID# **2922**
Cleanup Site ID# **193**

Comment online[32]
or mail comments to:

John Wrapp, Site Manager
WA State Department of Ecology 913 Squalicum Way, Unit 101 Bellingham, WA 98225

For more information

- Visit Ecology's Harris Avenue Shipyard webpage[33]
- Contact John Wrapp
  Site Manager
  John.Rapp@ecy.wa.gov
  206-247-3242

Document review locations

Bellingham Public Library
210 Central Avenue
Bellingham

For document review assistance, contact Kristen Forkeutis
Outreach Specialist
Kristen.Forkeutis@ecy.wa.gov
425-240-4353

12:01 a.m. Feb. 10–11:59 p.m. March 12:

Comment on a legal agreement

We invite you to review a legal agreement for the cleanup of the Harris Avenue Shipyard site on the Bellingham waterfront. The site consists of about 5 acres of contaminated soil and groundwater (upland area) and 5 acres of contaminated marine sediment (in-water area).

The legal agreement, called a consent decree, is between Ecology and the Port of Bellingham. It requires the Port to implement the Cleanup Action Plan for the upland area of the site. The Cleanup Action Plan is presented as an exhibit to the consent decree.

The in-water area of the site will be addressed under an amendment to the consent decree in the future.

The Port investigated the site and found contamination from former shipbuilding and other historical operations. Contaminants are present in soil, groundwater, and in-water sediment at concentrations that are a potential threat to human health and the environment.

More information

ABOUT THE SITE REGISTER

- Receive the Contaminated Site Register by email [34]
- Find past issues of the Contaminated Site Register [35]

Questions about the Site Register?
Contact Sarah Kellington at 360-280-3167
or sarah.kellington@ecy.wa.gov.

ONLINE RESOURCES

- Look up terms in the glossary [36]
- See events and comment periods [37]

ECOLOGY REGIONAL OFFICES

Central Region Office
1250 W. Alder St.
Union Gap, WA 98903-0009

Eastern Region Office
4601 N. Monroe
Spokane, WA 99205-1295

Headquarters
300 Desmond Drive SE
Lacey, WA 98503

Northwest Region Office
15700 Dayton Ave N.
Shoreline, WA 98133

Southwest Region Office
300 Desmond Drive SE
Lacey, WA 98503

[1] https://ecology.wa.gov/EDAT

[2] https://public.govdelivery.com/accounts/WAECY/subscriber/new?topic_id=WAECY_346

[3] https://ecology.wa.gov/CLARC

[4] https://ecology.wa.gov/regulations-permits/laws-rules-rulemaking/closed-rulemaking/wac-173-201a-hhc

[5] https://ecology.wa.gov/grants-irag

[6] https://apps.ecology.wa.gov/publications/SummaryPages/2309048.html

[7] https://tcp.ecology.commentinput.com?id=AFE3TUGYg

[8] https://apps.ecology.wa.gov/publications/SummaryPages/2509059.html

[9] https://ecology.wa.gov/DCA-tool

[10] https://apps.ecology.wa.gov/cleanupsearch/site/17189

[11] https://apps.ecology.wa.gov/cleanupsearch/site/17193

[12] https://apps.ecology.wa.gov/cleanupsearch/site/17192

[13] https://apps.ecology.wa.gov/cleanupsearch/site/17190

[14] https://apps.ecology.wa.gov/cleanupsearch/site/17188

[15] https://apps.ecology.wa.gov/cleanupsearch/site/17191

[16] https://ecology.wa.gov/cleanup-search

[17] https://apps.ecology.wa.gov/neighborhood/

[18] https://apps.ecology.wa.gov/cleanupsearch/site/2867

[19] https://apps.ecology.wa.gov/cleanupsearch/site/3020

[20] https://apps.ecology.wa.gov/cleanupsearch/document/149322

[21] https://tcp.ecology.commentinput.com/?id=GpHsth6MF

[22] https://apps.ecology.wa.gov/cleanupsearch/site/12463

[23] https://ecology.wa.gov/spills-cleanup/contamination-cleanup/cleanup-sites/lower-duwamish-waterway/latest-information

[24] https://go.ecology.wa.gov/CrownhillElementarySchoolPR2025Comments

[25] https://apps.ecology.wa.gov/cleanupsearch/site/4487

[26] https://tcp.ecology.commentinput.com?id=ThrdWUmgH

[27] https://apps.ecology.wa.gov/cleanupsearch/site/2693

[28] https://apps.ecology.wa.gov/cleanupsearch/site/16842

[29] https://tcp.ecology.commentinput.com?id=jNTcBEGQt

[30] https://apps.ecology.wa.gov/cleanupsearch/site/1434

[31] https://apps.ecology.wa.gov/cleanupsearch/document/152196

[32] https://tcp.ecology.commentinput.com?id=esNumg7kH

[33] https://apps.ecology.wa.gov/cleanupsearch/site/193

[34] https://ecology.wa.gov/Site-Register

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

[36] https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Toxic-cleanup-acronyms

[37] https://ecology.wa.gov/Events/Search/Search-all