

Toxics Cleanup Program

Fact Sheet August 2012

Site Location

The landfill property covers nearly 250 acres and is located about 1.5 miles northeast of the city of Pasco, Franklin County, Washington. The landfill is on Dietrich Road north of the intersection of Kahlotus Road with U.S. Highway 12 (see Figure 1).

Ecology Asks for Comments on Proposed Legal Agreement

The Washington State Department of Ecology plans to enter into a new legal agreement called an Agreed Order with 32 different parties known as Potentially Liable Persons (PLPs). PLPs who do not agree to participate in this Agreed Order will be issued an Enforcement Order compelling them to participate. The PLPs are responsible for cleanup of contamination that is a result of past landfill operations at the site. A list of these PLPs is found on page 3.

The Agreed Order provides details about the site background and the various tasks the participating parties agree to complete. The Order is considered draft until Ecology reviews and considers public comment.

The Agreed Order is for a Focused Feasibility Study that requires the PLPs to further evaluate cleanup options for contaminants in soil and groundwater. The Order also requires ongoing operation, maintenance, and monitoring of Ecology-approved work called interim actions. Ecology believes these actions are necessary to protect human health and the environment. Information from this study will help Ecology develop an appropriate Cleanup Action Plan for the site.

You are invited to:

- **Review** the Agreed Order and Enforcement Order which include a Scope of Work and a Public Participation Plan. The Scope of Work provides details of work to be completed. The Public Participation Plan outlines the ways Ecology and the PLPs will involve and inform the public about the site cleanup.
- **Send** your comments to Ecology for consideration. **Comments will be accepted August 20 through September 19, 2012.** See the shaded box at the right for details about where to review documents and submit comments.

Why Soil and Groundwater Need Further Evaluation

The landfill is a complex site. It is divided into four main areas that received various types of waste materials. The Industrial Waste Area is further divided into five Zones, A through E (see Figure 2). Each Zone was permitted to receive specific types of wastes and details about the

Comments Accepted

August 20 through September 19, 2012

ADA accommodations or documents in an alternate format, call Carol Bergin 509/329-3546 (voice), 711 (relay service), or 877/833-6341(TTY).

Para asistencia en Español

Richelle Perez 360/407-7528

Если вам нужно помощь по русскому, звоните

Larissa Braaten 509/710-7552

Submit Comments and Technical Questions to

Chuck Gruenenfelder
WA Department of Ecology
4601 N. Monroe St.
Spokane WA 99205-1295
Phone: 509/329-3439
e-mail:
chuck.gruenenfelder@ecy.wa.gov

Submit Public Involvement and Mailing List Questions to

Carol Bergin @ Ecology's address above
Phone: 509/329-3546
e-mail: cabe461@ecy.wa.gov

Locations to Review Documents

Kari Johnson @ Ecology's address above
Call for an appointment 509/329-3415

Mid Columbia Library

1320 West Hopkins Street
Pasco, WA 99301-5097

Ecology's Toxics Cleanup Website:

<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1910>

Facility Site ID No. 575
Cleanup Site ID No. 1910

Zones may be found in the Land Areas and Zones A through E section of this fact sheet.

Results of past and present studies show contamination in soil and groundwater. Many studies, extensive monitoring, and interim cleanup activities were conducted at the site from 1983 to the present. Treatment systems are in place to address soil and groundwater contaminants. Contaminants found in soil and groundwater include volatile and semi-volatile organic compounds, metals, herbicides, pesticides, and other materials. These contaminants are associated with wastes disposed of at the landfill.

Contaminated groundwater lies underneath the landfill and forms what is called a plume. The groundwater plume extends nearly 2 miles past the southern boundary of the landfill and past "A" Street. A groundwater protection area was created along the plume boundaries that limits well water use and requires annual surveying of the affected residents (see Figure 2).

Ecology believes the actions in the Agreed Order are necessary to protect human health and the environment. Further evaluation of cleanup options also provides additional information that may be used to develop an appropriate Cleanup Action Plan in the future.

Is My Drinking Water Safe?

The City of Pasco municipal water supply is not affected by the Pasco Sanitary Landfill. Residents who live near the site are served by the City's municipal water supply system.

Use of well water within the groundwater protection area is restricted (see Figure 3). If you have a well in this area and have questions or are concerned about where your drinking water comes from, please contact Rick Dawson of the Benton Franklin Health District at 509/460-4313.

Landfill Areas and Zones A through E

The landfill originally operated as an open burn facility from 1958 through 1971. Permits allowed the facility to receive different types of household, commercial, and industrial waste. Operations from 1972 through 2001 involved accepting commercial and household waste. Between 1972 and 1974, the industrial waste area accepted over 35,000 drums and several tons of bulk liquids. Septic tank waste, sewage sludges, and animal fat emulsions were spread on the landfill property.

The landfill is divided into four main areas that received these various types of wastes (see Figure 2). **New Waste Area:** Received general garbage until it was closed in 2001. The New Waste Area is not included in the Agreed Order for the Focused Feasibility Study.

Municipal Waste Area: Received household and commercial garbage until it was closed in 1993.

Balefill/Inert Waste Area: Received municipal waste and construction debris until it was closed in 1989.

Industrial Waste Area: Divided into five zones that all closed in 1974.

Zone A contains an estimated 35,000 55-gallon drums. The drums contain solvent and paint sludges, cleaners, and other industrial waste.

Zone B formerly stored nearly 5,000 drums of herbicide-manufacturing waste. The drums were removed in 2002.

Zones C and D contain approximately three million gallons of plywood resin waste, wood treatment and preservative waste, lime sludge, cutting oils, paint and paint solvent waste, and other bulk liquid waste. These two zones were combined in 2002.

Zone E contains approximately 11,000 tons of sludge from a chlor-alkali process.

Actions Taken to Reduce Contamination

Many steps have been taken under previous legal agreements to reduce the amount of contamination at

the site. The following are some of these actions:

- Connecting homes and businesses with wells impacted by volatile organic compounds (VOCs) to Pasco’s city water system.
- Creating a groundwater protection area that includes the plume boundaries, limiting well water use, and annually surveying the affected public. Pasco and Franklin Counties entered an agreement with the PLPs in 2001 to help implement these measures.
- Removing nearly 5,500 cubic yards of herbicide waste that was buried in drums in Zone B of the landfill.
- Installing interim treatment systems for soil and groundwater at the landfill and upgrading the systems in 2011.
- Placing protective covers over specific landfill areas.
- No longer accepting waste at any landfill areas.
- Routinely monitoring groundwater quality, on and off-site, throughout the groundwater plume.
- Providing ongoing maintenance and improvements to treatment system operations.

- Installing a landfill gas collection and treatment system at the former Municipal Solid Waste Landfill.

Treatment systems are still being used to address soil-related contamination and show some positive influence on the groundwater contamination. These systems have been upgraded and modernized to improve their efficiency and ability to capture and treat site-related contaminants.

What Happens Next?

Ecology will respond to all comments received by September 19, 2012. If substantial comments are received, Ecology prepares a document called a Responsiveness Summary which responds to the questions and comments submitted. The summary is sent to everyone who commented. It is also available in the repositories listed in the box on page one.

Ecology may modify the Agreed Order for the Focused Feasibility Study based on public input, if appropriate. If there are no modifications, the Agreed Order becomes final and work moves forward as described.

List of Potentially Liable Persons (PLPs)

Akzo Nobel Canada Inc. Basin Disposal, Inc. Bayer CropScience, Inc. Blount International, Inc. BNSF Railway Company The Boeing Company Crown Beverage Packaging, LLC Daimler Trucks North America. LLC Leonard and Glenda Dietrich E.I. Du Pont De Nemours and Co., Inc. Franklin County Georgia-Pacific, LLC Goodrich Corporation on behalf of Kalama Specialty Chemicals, Inc. Intalco Aluminum 3M Company Morton Chemical Company PACCAR Inc. Pasco Sanitary Landfill, Inc.	PCC Structurals, Inc. Pharmacia Corporation Piute Energy & Transportation PPG Industries Puget Sound Naval Shipyards Sandvik Special Metals, LLC Simpson Timber Company The Standard Register Company Union Oil of California, successor-in-interest to Collier Carbon and Chemical Corporation United States Air Force United States Department of Agriculture, Forest Service United States Department of the Interior, Bureau of Reclamation Weyerhaeuser NR Company Zep Manufacturing
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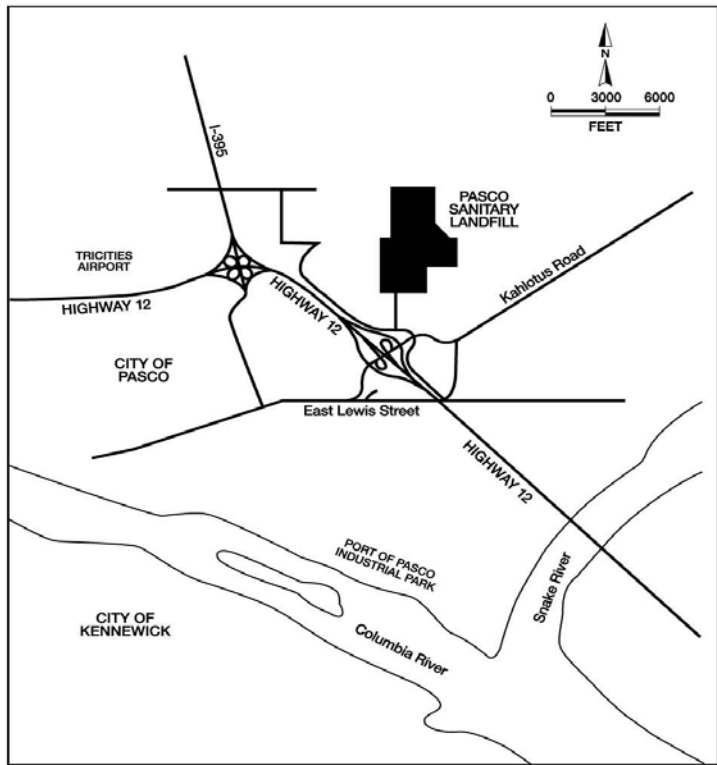


Figure 1 Site Location

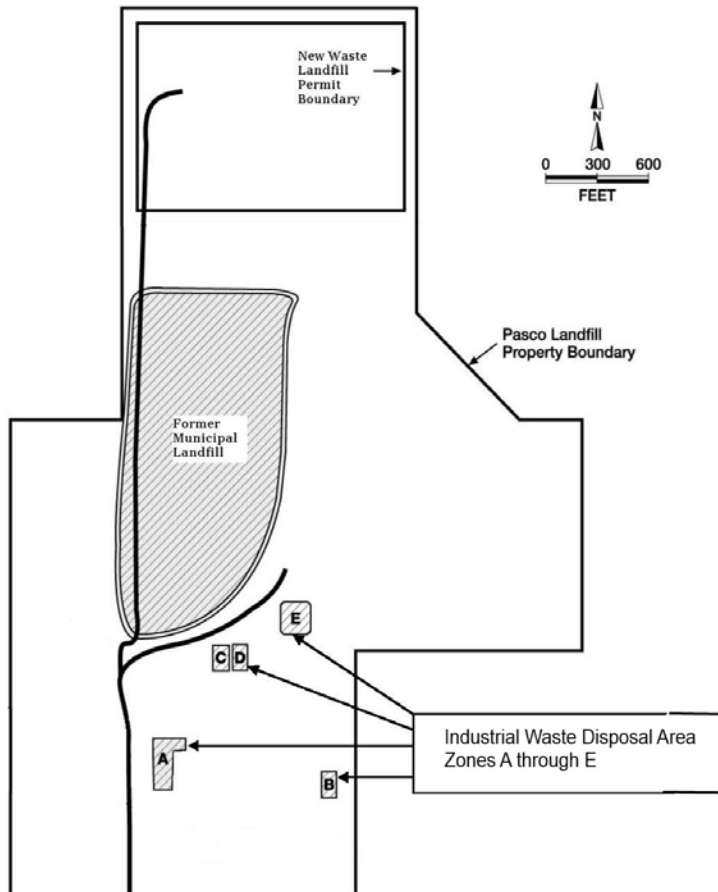


Figure 2 Landfill Waste Sections and Zones A-E

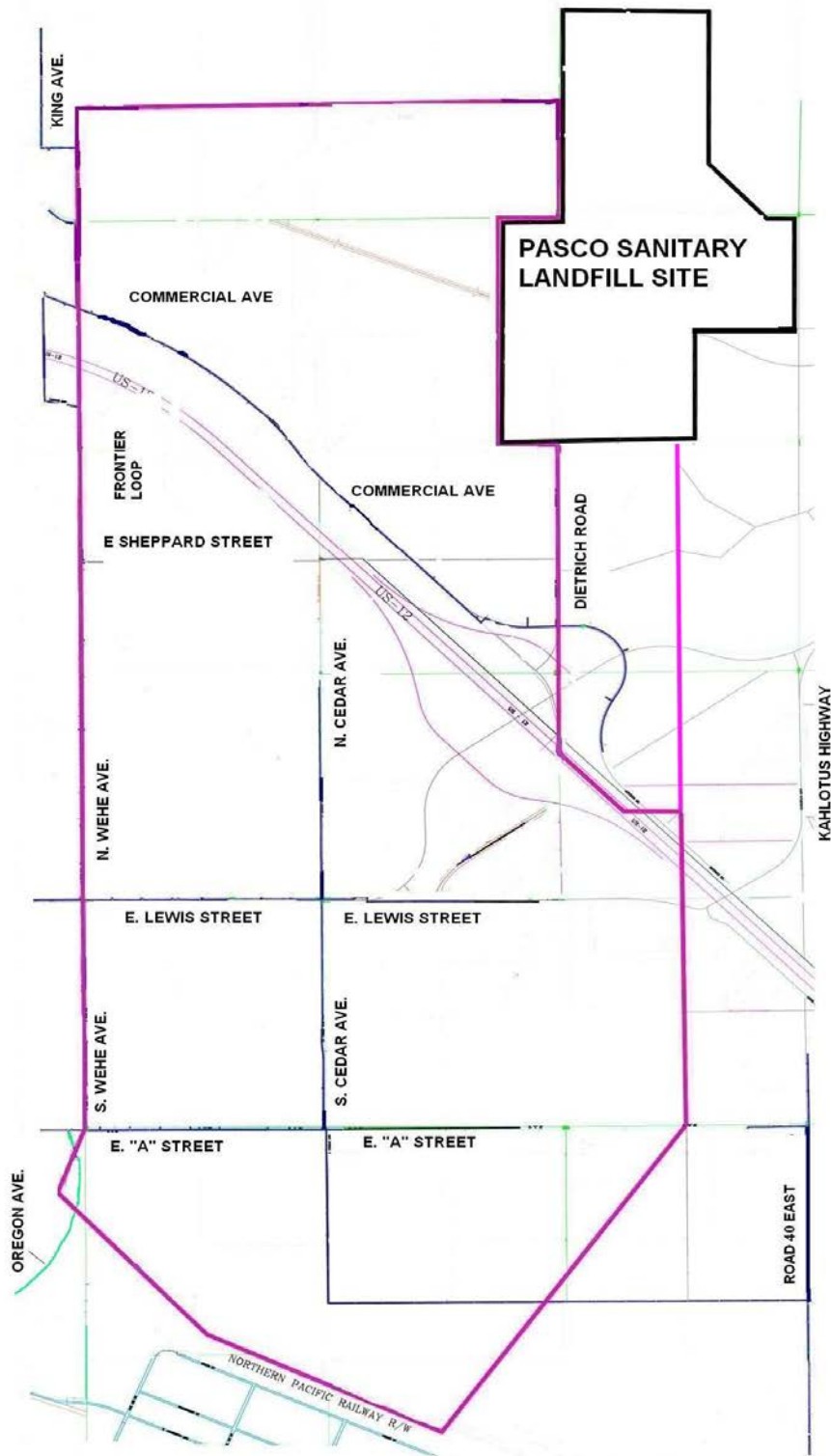


Figure 3 Groundwater Protection Area
(boundaries outlined in pink)