

## Ecology to Issue Enforcement Order

### Site Location

The Pasco Sanitary Landfill site 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).

### Enforcement Order Requires PLPs to Expedite Work to Extinguish and Monitor Landfill Fire

The Washington State Department of Ecology proposes to issue an Enforcement Order to 32 different parties collectively known as the Potentially Liable Persons (PLPs) for the Pasco Sanitary Landfill site (see PLP list on page 3). The PLPs are responsible for cleaning up contamination at the site, and Ecology provides regulatory oversight for the work. The Enforcement Order requires the PLPs to expedite work in the Balefill area of the landfill where an underground fire continues to burn (see Fig. 3).

The PLPs have taken measures to suppress the underground fire that appears to have started in November 2013; however, the fire continues to burn. The fire does not pose an immediate threat to the community. Ecology believes putting out the fire will protect human health and the environment from potential harm. Continued burning of the underground fire poses a potential threat to hazardous materials stored underground in the Zone A area of the landfill and hampers the ongoing cleanup efforts.

The Enforcement Order requires the PLPs to complete three main tasks:

1. Develop a work plan describing how they will promptly put out the underground fire. The work plan shall also include monitoring activities to verify short and long-term success.
2. Extinguish the existing fire and install a fire monitoring network according to the work plan and ensure the fire is out.
3. Develop a work plan describing what will be done to minimize the potential for future underground fires.

### You are invited to:

- **Review** the Enforcement Order which includes a Scope of Work, State Environmental Policy Act Checklist (SEPA), and Determination of Non-Significance (DNS). The Scope of Work details the work to be completed to address the underground fire.
- **Send** comments to Chuck Gruenfelder at Ecology for consideration **April 30 through May 29, 2014**. The box at the right provides details about where to review documents and submit comments.

### Comments Accepted

April 30 through May 29, 2014

**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

Gregory Bohn 509/454-4174

### Locations to Review Documents

Ecology's Spokane Office  
Call Kari Johnson for an appointment  
509/329-3415 kajo461@ecy.wa.gov

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>

### Submit Comments/Technical Questions to

Chuck Gruenfelder  
WA Department of Ecology  
4601 N. Monroe St.  
Spokane WA 99205-1295  
509/329-3439 or  
[chuck.gruenfelder@ecy.wa.gov](mailto:chuck.gruenfelder@ecy.wa.gov)

### Submit Public Involvement/Mailing List Questions to

Carol Bergin See Ecology's address above  
509/329-3546 cabe461@ecy.wa.gov

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

## Landfill Waste Areas

The landfill is divided into four main areas that received various types of wastes (see Fig. 3).

1. **New Waste Area:** Received general garbage until it was closed in 2001.
2. **Municipal Waste Area:** Received household and commercial garbage until it was closed in 1993.
3. **Balefill/Inert Waste Area:** Received municipal waste and construction debris until it was closed in 1989. The existing landfill fire is occurring in this area of the landfill (see Fig. 3).
4. **Industrial Waste Area:** Divided into five zones that were 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.

## Contaminated Groundwater Plume

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.

## Actions Taken to Reduce Contamination

Many studies, extensive monitoring, and interim cleanup activities have been conducted at the site from 1983 to the present. Treatment systems are in place to address soil and groundwater contaminants that remain at the site. Contaminants in soil and groundwater include volatile and semi-volatile organic compounds, metals, herbicides, pesticides, and other potentially

hazardous substances. These contaminants are associated with wastes disposed of at the landfill.

## State Environmental Policy Act (SEPA)

The State Environmental Policy Act, known as SEPA, requires government agencies to consider potential environmental impacts of a project before beginning the cleanup. A Determination of Non-Significance indicates the proposed actions will not have a probable significant adverse impact on the environment.

- After review of the environmental checklist and other site-specific information, Ecology determined the actions to address the underground fire at the landfill site will not have a probable significant adverse impact on the environment.
- The cleanup actions will benefit the environment and reduce possible exposure pathways for humans and wildlife.
- Therefore, Ecology has issued a Determination of Non-Significance (DNS) for the cleanup action.

## More Information

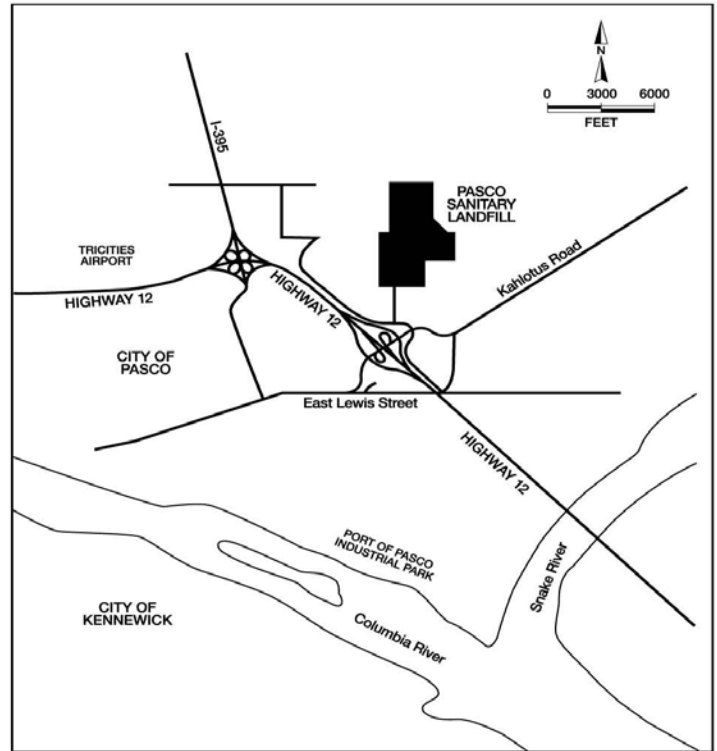
For details about the landfill site, groundwater plume, actions taken, and general history, please see Ecology's website for the Pasco Sanitary Landfill at <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1910>

## What Happens Next?

Ecology will respond to all comments about the Enforcement Order that are received by **May 29, 2014**. If a substantial number of comments are received, Ecology will prepare 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 Enforcement Order based on public input, if appropriate.

Ecology is also working with the PLPs on a Focused Feasibility Study. The study identifies and evaluates cleanup options for the site. This

document lays the groundwork for the future draft Cleanup Action Plan which will include Ecology’s decision regarding which cleanup options will be used at the site. Ecology anticipates the Focused Feasibility Study will be available for public comment in the fall of 2014.



**Figure 1 Site Location**

**List of Potentially Liable Persons (PLPs)**

<p>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 International, LLC                  PACCAR Inc.                  Pasco Sanitary Landfill, Inc.</p>	<p>PCC Structurals, Inc.                  Pharmacia Corporation                  Piute Energy &amp; 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</p>
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**Figure 2 Potentially Liable Persons (PLPs)**

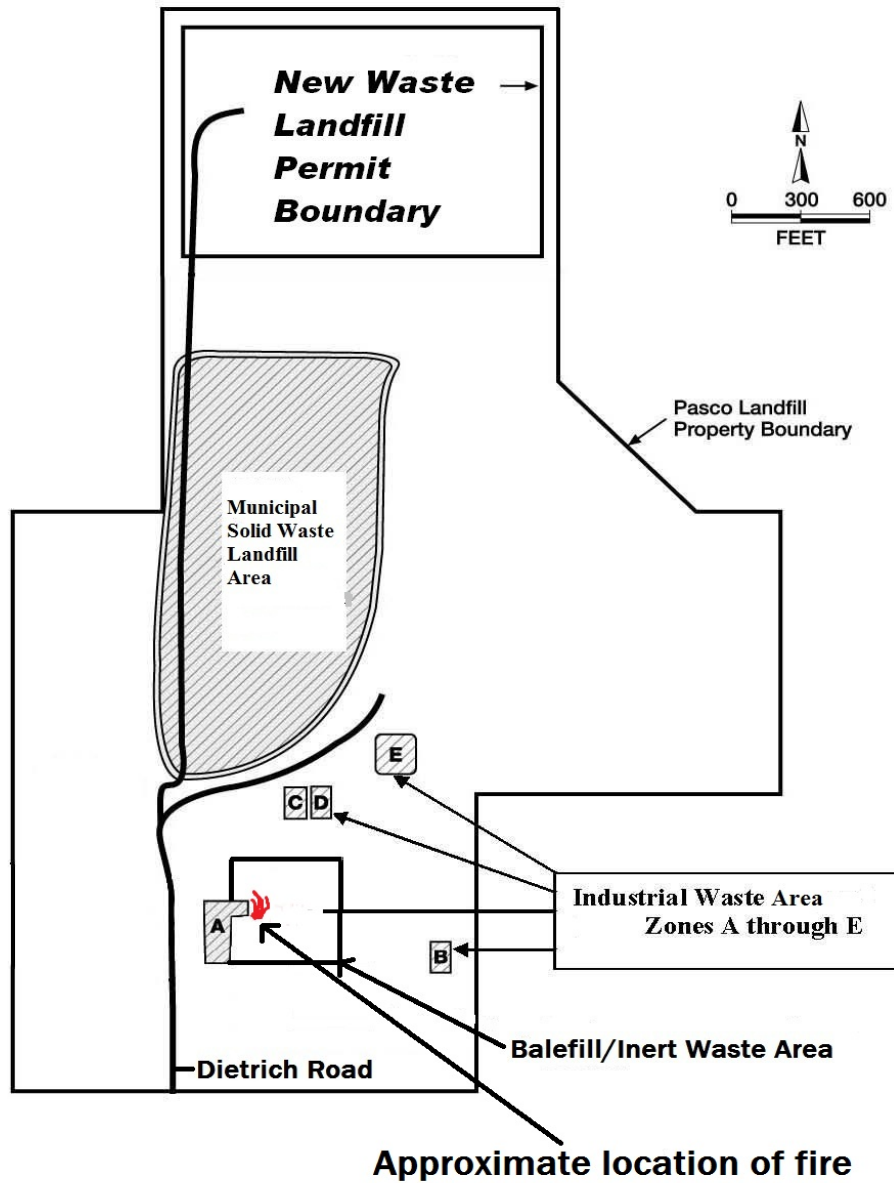


Figure 3 Landfill Waste Areas