

# PASCO SANITARY LANDFILL

## Interim Action Update

### SEPA DNS for Zone B Removal



Additional cleanup work called Interim Actions will begin in the near future at the Pasco Sanitary Landfill (Site) located near the City of Pasco, Franklin County, Washington. These actions were outlined in Agreed Orders, finalized in 2000, between the Washington Department of Ecology and the Potentially Liable Persons (PLPs) for the Site. A list of all PLPs is found on page three of this fact sheet. The Interim Actions will be conducted under authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Interim Actions to be taken at the site include:

- Installation of low-permeability caps on the former sanitary landfill and four industrial waste disposal zones;
- Expansion of the existing soil vapor extraction system around Zone A;
- Expansion of the NoVOCs™ ground water treatment system near Zone A;
- Establishment of institutional controls on ground water use in the landfill plume area; and
- Removal and off-property disposal of Zone B Herbicide Wastes.

An Environmental Checklist has been prepared for the Zone B waste removal, and Ecology has issued a determination of non-significance (DNS) under the State Environmental Policy Act (SEPA). A DNS indicates the proposed actions will not have a significant adverse impact on the environment.

Ecology invites the public to review and comment on the Zone B Removal Plan, and SEPA DNS **August 17, 2001 through September 17, 2001**. The box at the right indicates where documents may be reviewed and comments submitted.

#### **SITE BACKGROUND**

The Pasco Sanitary Landfill is located approximately 1.5 miles northeast of the City of Pasco, Washington, near the intersection of Kahlotus Road with U.S. Highways 12 and 395 (Figure 1). The landfill was permitted to begin operating in 1958. Between 1972 and 1974, over 30,000 drums and many tons of bulk chemical waste were disposed at the Site in several specific locations (Figure 2). These industrial waste locations are referred to as zones and have been assigned letter designations that are used

#### **FACT SHEET:**

August 2001

#### **Comments Accepted:**

August 17, 2001 through September 17, 2001.

#### **Repositories:**

Mid-Columbia Library  
Pasco Branch  
1320 West Hopkins Street  
Pasco, WA 99301-5097

WA Department of Ecology  
Eastern Regional Office  
4601 N. Monroe  
Spokane, WA 99205-1295

#### **Questions and Comments**

#### **Contact:**

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Carol Bergin  
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in Spokane at (509) 456-6360.  
E-mail: [cabe461@ecy.wa.gov](mailto:cabe461@ecy.wa.gov)

in Site studies and are described briefly below.

### **Zone A**

Zone A consists of approximately 30,000 - 55-gallon drums of solvent and paint sludges, cleaners and other industrial wastes.

#### ◆ **Zone B**

Zone B contains approximately 5,000 drums of herbicide-manufacturing wastes.

#### ◆ **Zones C and D**

Zones C and D is where approximately three million gallons of plywood resin wastes, wood treatment and preservative wastes, lime sludge, cutting oils, paint and paint solvent wastes and other bulk liquid wastes were disposed.

#### ◆ **Zone E**

Zone E contains approximately 11,000 tons of chlor-alkali waste from the production of chlorine gas and caustic.

#### ◆ **Municipal Solid Waste Landfill**

The 40-Acre Municipal Solid Waste Landfill contains household and commercial garbage. It stopped receiving waste in 1993.

Monitoring of ground water at the Site began in 1983. Results of this monitoring, and additional studies, indicated that Volatile Organic Chemicals

(VOCs) had been released to the environment from the facility. Several of these chemicals, many familiar as solvents, are found in concentrations of concern to human health and the environment.

The Site was listed on the federal National Priority List of hazardous waste sites in 1990. Sites on this "Superfund List" are considered high priority for investigation and cleanup.

### **PREVIOUS STUDIES AND INTERIM ACTIONS**

Site studies began in 1991 and were final in 1999. They defined an area of the Site affected by VOC vapors in soil beneath former waste disposal zones. VOC contaminated ground water extends from these areas into the East Lewis Street area of Pasco (Figure 1).

In 1996, Ecology determined that action was necessary to reduce human exposure to these chemicals and to stop the release at the source. Interim actions discussed below began and were completed in 1997. Those actions were taken to minimize the release of hazardous substances from the Site and to provide municipal water supplies to residences affected by the release.

Actions were taken near Zone A (Figure 2), a major source of VOCs. A soil vapor extraction system was installed to collect VOCs as vapors before they contact ground water. In addition, a NoVOCs™ system was installed, which treats

ground water by air-lifting water inside a well and stripping the VOCs from the water with the air, sending it to collection system. Together these systems proved effective at reducing the amount of VOCs in ground water at the Site.

Also in 1997, homes and businesses with wells affected by the VOCs were connected to the Pasco City water system. Five wells serving 100 individuals were replaced with municipal water service.

### **CURRENT ACTIVITY**

On the basis of additional studies Ecology issued Orders to the PLPs in 2000 to perform additional interim actions and monitor their effectiveness. Those actions are

1. Place modern, engineered caps on individual industrial waste zones and the former Municipal Solid Waste Landfill;
2. Remove herbicide drums from Zone B;
3. Expand ground water treatment and soil vapor extraction around Zone A;
4. Place institutional controls on ground water use in the plume area; and
5. Monitor effectiveness of the actions for six years, to be followed by formal remedy selection.

Design documents have been prepared for the engineered caps and treatment systems. Studies of Zone B drums indicate the preferred method is removal of

Zone B materials, with off-site treatment and disposal.

## WHAT HAPPENS NEXT?

Work begins on the capping and treatment system expansion this August.

After the 30-day comment period, Ecology will issue a Responsiveness Summary answering questions and comments received. Based on public input, Ecology may modify the Zone B Removal plan and SEPA DNS, if applicable. Assuming the plan is approved, Zone B removal will be conducted this winter.

## HOW CAN I BE INVOLVED?

### Review the SEPA DNS for the Zone B waste removal.

You may review and comment on these documents **August \_\_, 2001 through August \_\_, 2001.**

The documents at the Mid-Columbia Library/Pasco Branch are available any time during regular library hours. To review documents in Spokane, contact Johnnie Harris of Ecology at (509) 456-2751 to schedule an appointment. Reviews may be scheduled for Monday through Thursday, 8-5 p.m. by appointment.

- ◆ **If you have concerns, comments, or questions, please forward them in writing, via phone or e-mail by September 17, 2001 to:**

Guy J. Gregory, Senior Hydrogeologist at Ecology (see box on page one for details).

- ◆ **Design Documents are also available at the Repositories.**
- ◆ **Share this information with any individuals or groups you think should be informed about the Site.**

## LIST OF POTENTIALLY LIABLE PERSONS:

Advance Electroplating  
Basin Disposal Company  
The Boeing Company  
B.F. Goodrich Kalama, Inc.,  
Burlington Environmental Inc.,  
Chemical Processors,  
Inc., Resource Recovery,  
Inc.,  
Burlington Northern/Santa Fe  
Railroad, Inc.  
Carr Aviation  
Chempro of Oregon  
Collier Carbon and Chemical  
Crown Cork and Seal Company,  
Inc.

John and Marjorie Dietrich  
Leonard and Glenda Dietrich  
E.I. du Pont de Nemours and  
Co., Inc.  
Fort James Corporation  
Franklin County  
Franklin Land Recovery, Inc.  
Freightliner Corporation, a  
Subsidiary of:  
Daimler-Benz of North  
America  
Holding Company  
Georgia Pacific Company  
Glidden Corporation, a  
Subsidiary  
of ICI Americas, Inc.

Harbor Oil, Inc.  
ICI Canada, Inc.  
Intalco Aluminum Corporation  
Minnesota Mining and  
Manufacturing  
Company  
Morton Chemical Company  
Northwest VIP, Inc.  
The O'Brien Corporation  
Oregon Cutting Systems  
Division  
of Blount, Inc.  
PACCAR  
Pasco Sanitary Landfill, Inc.  
Piute Energy and Transportation  
Company  
PPG Industries  
Precision Castparts Corp.  
Puget Sound Naval Shipyards  
Rhone-Poulenc AG Company  
Sandvik Special Metals  
Corporation  
Simpson Timber Company  
Standard Register Co.  
(fka UARCO)  
United States Air Force  
United States Department of  
Agriculture, Forest  
Service  
United States Department of  
Interior, Bureau of  
Reclamation  
Weyerhaeuser Company  
Wood Treatment Chemical  
Company  
Zep Manufacturing

Figure 1: Location of the Pasco Landfill Site

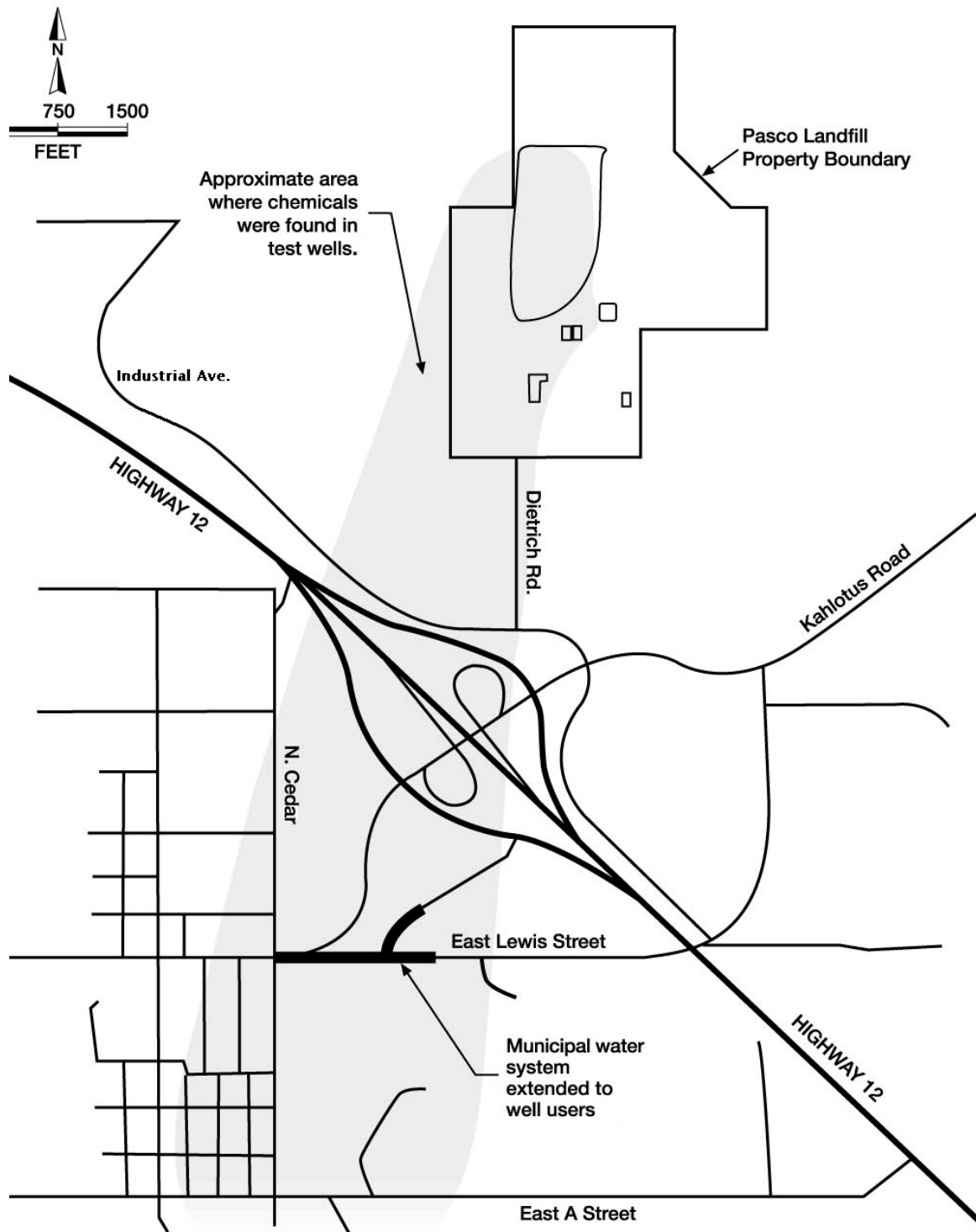


Figure 2: Pasco Landfill Site Facilities

