

PASCO SANITARY LANDFILL

Interim Actions Design Documents and SEPA DNS



The Washington Department of Ecology presents the Design Documents for the interim actions to be conducted at the Pasco Sanitary Landfill (Site) located near the City of Pasco, Franklin County, Washington. The Design Documents contain detailed information on the landfill and waste zone covers, ground water and soil vapor extraction systems, and institutional controls being implemented as interim actions at the Site. The interim actions are being conducted under Agreed and Enforcement Orders issued by Ecology in accordance with authority of the Model Toxics Control Act (MTCA) Chapter 70.105D RCW. The Orders were issued to the potentially liable persons (PLPs) in July of 2000. A list of all potentially liable persons (PLPs) is found on page three of this fact sheet.

A State Environmental Policy Act (SEPA) Checklist accompanies the Design Documents and is also available for review. Based upon the checklist, Ecology has determined the proposed actions represent no adverse impact to human health or the environment. Consequently, Ecology is issuing a Determination of Non-Significance (DNS) under SEPA for these actions.

Ecology invites the public to review and comment on the following:

- ◆ Design Documents
- ◆ SEPA DNS

Public comments will be accepted **December 15, 2000 through January 18, 2001**. Please include your name and address on your comments if you would like a response. The box at the right indicates where to find Site information and send comments.

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 began 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. These industrial waste locations are referred to as zones and have been assigned letter designations that are used in Site studies and are briefly described below.

FACT SHEET: DECEMBER 2000

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 submission of written comments contact:

Mr. Guy Gregory
Senior Hydrogeologist
WA Department of Ecology
Toxics Cleanup Program
4601 N. Monroe
Spokane, WA 99205-1295
E-mail: ggre461@ecy.wa.gov
(509) 456-6387 or
1-800-826-7716

Para asistencia en Espanol:

Antonio Valero
(509) 454-7840
e-mail:
aval461@ecy.wa.gov

Mailing List Contact:

Carol Bergin
1-800-826-7716 or
Spokane (509) 456-6360
E-mail: cabe461@ecy.wa.gov

PUBLIC COMMENT

PERIOD:
December 15, 2000 through
January 18, 2001.

◆ **Zone A**

Zone A consists of approximately 30,000, 55-gallon drums of solvents, paints, 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 were used to dispose of bulk liquid wastes. Records indicate that 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 placed in Zones C and D.

◆ **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 stopped receiving waste in 1993. It largely contains household and commercial garbage.

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

The Remedial Investigation and Feasibility Study were final in 1999. These studies defined an area of the Site affected by VOC vapors in soil beneath portions of the facility. VOC contaminated ground water extends from these areas into the East Lewis Street area of Pasco (Figure 2). Ecology determined that action was necessary to reduce human exposure to these chemicals and to stop the release at the source.

In early 1997, Ecology directed the PLPs for the Site to take action to stop the release of hazardous substances from the Site and to provide municipal water supplies to residences affected by the release. 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.

Actions were also taken near Zone A (Figure 3), 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. This system treats ground water by air-lifting water inside a well and

stripping the VOCs from the water with the air. The VOC-bearing air is then collected and the chemicals are removed. Together these systems are effective at reducing the amount of VOCs in ground water at the Site.

The Feasibility Study examined alternatives to reduce risk at each individual contaminant source area. It concluded that interim actions, reviewed for performance after an evaluation period, would be desirable. Those interim actions were the subject of Orders issued to PLPs in July 2000.

INTERIM ACTIONS REQUIRED BY THE ORDERS:

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

A SEPA determination on the Zone B removal will be made on the basis of data in the future.

Ecology will oversee the project to ensure that all terms of the Orders are satisfied.

WHAT HAPPENS NEXT?

After the 30-day comment period for the Design Documents and SEPA DNS, Ecology will issue a Responsiveness Summary containing responses to comments received from the public. On the basis of public input, Ecology may modify the design of systems if necessary. Once approved, final design documents will be prepared, reviewed and approved, and work will begin. All work will be conducted under Ecology review.

HOW CAN I BE INVOLVED?

◆ Review the Design Documents, SEPA checklist, and DNS.

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.

◆ Send in your written comments December 15, 2000 through January 18, 2001 to:

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

◆ 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 Inc.
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

