

Yakima Valley Spray Yakima County



Draft Engineering Design Report Available For Public Review

The Washington State Department of Ecology (Ecology) has received the Draft Engineering Design Report (EDR) for the Yakima Valley Spray Site at 1108 South First Street in Yakima, WA. This report provides the engineering design details that implement the Cleanup Action Plan, written in 2001 by Ecology, necessary to accomplish cleanup at the Site. The EDR also contains a Stormwater Pollution Prevention Plan, a Sampling and Analysis Plan, a Health and Safety Plan, and a Groundwater Compliance Monitoring Plan.

The EDR is required as part of a Consent Decree under authority of the Model Toxics Control Act (MTCA; Chapter 173-340 WAC). When signed, the Consent Decree will be a legal agreement between Ecology and the Potentially Liable Persons (PLPs): Unocal/Puregro, Occidental Chemical, Shell Oil, Shell Chemical, Chevron Chemical, U-Haul of Inland Northwest (UIN), Atofina, T H Agriculture & Nutrition, L.L.C., Wilbur-Ellis, and VOPAK. The Burlington Northern Sante-Fe Railroad has been named a PLP for the Site, but it has not yet decided whether to become a part of the above-named group.

Ecology invites the public to review the Draft Engineering Design Report.

Comments may be submitted **May 16, 2003 through June 16, 2003**. The box at the right indicates where comments may be sent and additional information obtained.

Site History

The Site is located at 1108-1122 South First Street in Yakima, Washington. It is 3.7 acres in size. U-Haul of Inland Northwest is the present owner of this property. The Site previously had operations on it by Yakima Valley Spray (1908-1974), a pesticide formulator and distributor; Washington Refining Company (1912-1955) and Shell Oil Company (1955-1971), both bulk fuel distributors; and some salvage and farm-heavy equipment operators.

Contamination from these businesses occurred during the above periods. A Remedial Investigation- Feasibility Study (RI/FS) was performed at the Site. The RI was completed and accepted by Ecology in 1995. Sixty-two contaminants were found in the Site's underlying soil and groundwater. A draft FS was completed and submitted to Ecology, but was never accepted. However, there was sufficient information within the draft FS to determine a cleanup action for the Site.

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FACT SHEET May 2003

For technical questions,
please contact:

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Ecology Central Regional Office
15 W Yakima Ave., Suite 200
Yakima, WA 98902
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For other questions or to be
placed on the site mailing list,
please contact:

Antonio Valero
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Public Comment Period:

May 16, 2003 to June 16, 2003

Documents are available for
public review at:

Ecology Central Regional Office
address listed above

Yakima Valley Regional Library
102 N 3rd St, Yakima, WA

Para asistencia bilingüe, favor
de hablar a:

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If you have special accommodation needs or require this document in an alternative format please call Antonio Valero at (509) 454-7840 (voice) or 711 or 1-800-833-6388 (TTY). Para asistencia bilingüe, favor llamar al Antonio Valero, tel: (509) 454-7840.

Yakima Valley Spray (U-Haul)

Results of the Studies

The RI found that most of the contamination was in the northwest corner of the property, though some was also located to the west and north of the UIN property. The studies also determined that some contamination was located under two two-story buildings. Predominant pesticides in soil include aldrin and dieldrin. Other important site soil contaminants include arsenic, perchloroethylene (PCE), and total petroleum hydrocarbons (TPH) as gasoline, diesel, and oil.

About half of the 62 contaminants found at the site have infiltrated to groundwater. Important contaminants that are in the site groundwater include arsenic, benzene, PCE, DDD, and total petroleum hydrocarbons as gasoline, diesel, and oil.

Final Cleanup Action Plan

After public review and comment of the Draft Cleanup Action Plan, a Final Cleanup Action Plan (CAP) was issued in 2001. The PLPs will implement the CAP and will take the following cleanup actions at the Site:

- Air monitoring during construction planned for the winter of 2003-2004.
- Sampling and demolition of two site buildings with their appropriate disposal.
- Excavation and proper disposal of a large pesticide pit during low groundwater.
- Excavation and proper disposal of TPH pit(s).
- Backfilling of excavated pits.
- In-situ treatment (bioventing/biosparging) for PCE/TPH contamination not excavated.
- Replacement of destroyed monitoring wells and the installation of five new monitoring wells.
- Groundwater monitoring for five years of existing/new wells after the above installation.
- Institutional controls to limit Site use for commercially-zoned purposes and to restrict the use of the Site groundwater.

What Happens Next?

Ecology will review all written comments received and may modify the Draft Engineering Design Report (EDR), if appropriate. A Responsiveness Summary may be prepared to answer written comments, if applicable.

How You Can Be Involved

- Review the Draft Engineering Design report at one of the repository locations listed in the box on page one.
- Send in your written comments from **May 16, 2003 through June 16, 2003** to Richard Bassett, Site Manager, at the address in the box on page one.
- Share this information with any individuals or groups you think should be informed about the Site.