

SOUTH WILBUR PETROLEUM CONTAMINATION SITE DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY



The Washington Department of Ecology has completed its review of the Draft Remedial Investigation/Feasibility Study (RI/FS) for the South Wilbur Petroleum Contamination Site (Site) located in the city of Wilbur, Lincoln County, Washington.

The purpose of the RI/FS was to determine the nature and extent of contamination at the Site and suggest potential cleanup actions. It was conducted as part of an Agreed Order between Ecology and Lincoln County and was issued under authority of the Model Toxics Control Act (Chapter 173-340 WAC).

Ecology invites the public to review the Draft RI/FS at the repositories listed in the shaded box on the right. The box also indicates where comments may be sent and additional information obtained. **Public comments will be accepted May 22, 2002 through June 20, 2002.**

SITE BACKGROUND

The Site is located in the area of the intersection of Front Avenue and Anne Street, just south of downtown Wilbur, Lincoln County (Figure 1). It consists of three properties: the WSDOT former Maintenance Facility, the Lincoln County Maintenance Facility, and

the former Lincoln Mutual #3 fueling station. Both maintenance facilities have been in operation since the early 1930s, and the fueling station ran from the 1960s through the 1980s. The WSDOT facility was closed in 1996.

Contamination was first discovered by WSDOT during a Phase I and II Environmental Site Assessment in June 1995. The assessments were done as part of standard surplus procedures before the facility could be closed. Soil samples showed petroleum contamination, therefore additional investigation was recommended.

WSDOT completed three phases of work: installation of four groundwater monitoring wells on their property; installation of three additional monitoring wells upgradient on the Lincoln County property; and installation of eighteen temporary boreholes further upgradient (Figure 2). Soil and groundwater samples were collected during all three phases. Gasoline and benzene, toluene, ethylbenzene, and xylene (BTEX) compounds were present in groundwater and soils on and upgradient of the WSDOT and Lincoln County properties.

In December 1998, Ecology contracted for a field investigation to further characterize the type,

FACT SHEET MAY 2002

COMMENTS ACCEPTED:
May 22 through June 20, 2002

REPOSITORIES:

Ms. Johnnie Harris
WA Department of Ecology
Eastern Regional Office
4601 N. Monroe
Spokane, WA 99205-1295
(509) 456-2751

Hesseltine Public Library
14 NW Division St.
Wilbur, WA 99185
Hours: Mon, Fri & Sat 3-5
Wed 7-9 p.m.

Submission of Written Comments or Technical Questions Contact:

Ms. Sandra Treccani
WA Department of Ecology
Toxics Cleanup Program
4601 N. Monroe
Spokane, WA 99205-1295
(509) 456-2740 or
1-800-826-7716
e-mail: satr461@ecy.wa.gov

Public Involvement/Mailing List Contact:

Carol Bergin at Ecology
1-800-826-7716 or
(509) 456-6360.

Para Asistencia Espanol:

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

extent, and possible sources of contamination. The results confirmed the soil and groundwater contamination documented in the WSDOT investigations. These results led to a ranking using the Washington Ranking Method (WARM) in August 1999. The Site was assigned a hazard ranking of one on a scale of one to five, with one representing the greatest risk.

DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY

The purpose of the RI/FS was to investigate the nature and extent of contamination at the Site and determine the potential cleanup actions. Results of Site investigations are documented in the [Draft Final Lincoln County RI/FS Report, South Wilbur Petroleum Contamination Site.](#)

The draft RI/FS was completed in 2002. Major site activities included the installation of wells, soil and groundwater sampling, sampling of neighboring Goose Creek, and the installation of temporary boreholes to measure the extent of soil contamination.

Results of the Remedial Investigation sampling indicated that shallow groundwater is contaminated with gasoline, diesel, benzene, ethylbenzene, and xylene. Shallow soil is contaminated with gasoline and minor amounts of diesel fuel. These compounds are all related to the fueling activities that have taken place on the site. Surface water and sediment are not measurably affected by the contamination.

The Feasibility Study evaluated several different cleanup options for the Site. The Potentially Liable Persons' (PLPs) proposed cleanup alternative is source removal, engineering controls, and enhanced bioremediation:

- ◆ Contaminated soil would be excavated and treated off-site;
- ◆ Excavated areas would be backfilled with a mix of clean fill and oxygen releasing compound;
- ◆ Engineering controls would be installed. These would include asphalt pavement, stormwater controls, and the installation of a phytoremediation barrier on the north and west sides of the site; and
- ◆ Institutional controls to maintain the integrity of the cleanup action.

WHAT HAPPENS NEXT?

Ecology will review all written public comments on the Draft RI/FS, and, if necessary, the document will be modified. Once the Draft RI/FS is finalized, Ecology will begin work on the Cleanup Action Plan for the Site.

HOW YOU MAY BE INVOLVED

- ◆ **Review the Draft Remedial Investigation/Feasibility Study (See box on page one for repository locations.)**
- ◆ **Send in your written comments May 22 through June 20, 2002 to:**
Ms. Sandra Treccani,
Site Manager at Ecology (see box on page one for details).

- ◆ **Share this information with individuals or groups you think should be informed about the Site.**