

# SOUTH WILBUR PETROLEUM CONTAMINATION SITE



## DRAFT CLEANUP ACTION PLAN and SEPA DNS

The Washington State Department of Ecology invites the public to review and comment on the Draft Cleanup Action Plan (DCAP) and State Environmental Policy Act Determination of Non-Significance (SEPA DNS) for cleanup activities at the South Wilbur Petroleum Contamination Site. The Site is located in the city of Wilbur, Lincoln County, Washington.

The purpose of the DCAP is to select cleanup actions and specify the standards and other requirements for the cleanup as outlined under the Model Toxics Control Act (MTCA) (Chapter 173-340 WAC). Lincoln County, a Potentially Liable Person (PLP) at the Site, will be responsible for carrying out the cleanup actions outlined in the DCAP.

The State Environmental Policy Act (SEPA, Chapter 197-11 WAC) requires governmental agencies to consider potential environmental impacts of a project before making decisions. After review of the completed environmental checklist and other site specific information on file, Ecology (as the lead agency) has determined that the cleanup of site-related petroleum products will not have a probable adverse impact on the

environment. Therefore, Ecology has issued a Determination of Non-Significance.

The DCAP and SEPA DNS may be found 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 March 26 through April 24, 2003.**

### SITE BACKGROUND

The Site consists of three properties located in the area of the intersection of Front Avenue and Anne Street, just south of downtown Wilbur, Lincoln County (Figure 1). The WSDOT and Lincoln County Maintenance Facilities have both been in operation since the early 1930s. However, the WSDOT facility was closed in 1996. The former Lincoln Mutual #3 fueling station operated from the 1960s through the 1980s.

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

### FACT SHEET March 2003

**PUBLIC COMMENT PERIOD**  
March 26 through April 24, 2003

**REPOSITORIES:**  
(for document review)

**WA Department of Ecology**  
Eastern Regional Office  
4601 N. Monroe  
Spokane, WA 99205-1295  
Ms. Johnnie Harris  
(509) 329-3415

**Hesseltine Public Library**  
14 NW Division St.  
Wilbur, WA 99185  
(509) 647-5828  
Hours: Mon, Fri & Sat 3-5 pm  
Wed 7-9 pm

**Technical questions or  
submission of written comments,  
contact:**

**Ms. Sandra Treccani**  
WA Department of Ecology  
Toxics Cleanup Program  
4601 N. Monroe  
Spokane, WA 99205-1295  
(509) 329-3412 or 1-800-826-7716  
E-mail: [satr461@ecy.wa.gov](mailto:satr461@ecy.wa.gov)

**Mailing list, contact or to  
request a public hearing:**

**Ms. Carol Bergin**  
WA Department of Ecology  
1-800-826-7716 or  
(509) 329-3546  
E-mail: [cabe461@ecy.wa.gov](mailto:cabe461@ecy.wa.gov)

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 18 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 gather more information about the type, extent, and possible sources of contamination. The results confirmed the soil and groundwater contamination documented in the WSDOT investigations. A site hazard assessment was conducted in August 1999 and the site ranked a "1" on a scale of 1 to 5, with 1 representing the greatest risk.

### **REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)**

The draft RI/FS was completed in 2002. The purpose of the RI/FS was to investigate the nature and extent of contamination at the Site and determine the potential cleanup actions.

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 RI 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.

The FS evaluated several different cleanup options for the Site. Lincoln County's proposed cleanup alternative was source removal, engineering controls, and enhanced bioremediation.

### **DRAFT CLEANUP ACTION PLAN**

Based on information presented in the RI/FS Ecology has selected source removal with engineering controls and enhanced bioremediation for the remedial action. The primary elements are as follows:

- ◆ Contaminated soil will be excavated and treated off-site;
- ◆ Excavated areas will be backfilled with a mix of clean fill and an oxygen releasing compound;
- ◆ Engineering controls will be installed. These will 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 Cleanup Action Plan, and, if necessary, the document will be modified. Once the DCAP is finalized, Lincoln County will begin work on the Remedial Action Plan for the Site, which will provide all the details on the implementation of the cleanup action.

### **HOW YOU MAY BE INVOLVED**

- ◆ **Review the Draft Cleanup Action Plan and SEPA DNS (See box on page one for repository locations.)**
- ◆ **Send in your written comments March 26 through April 24, 2003 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.**

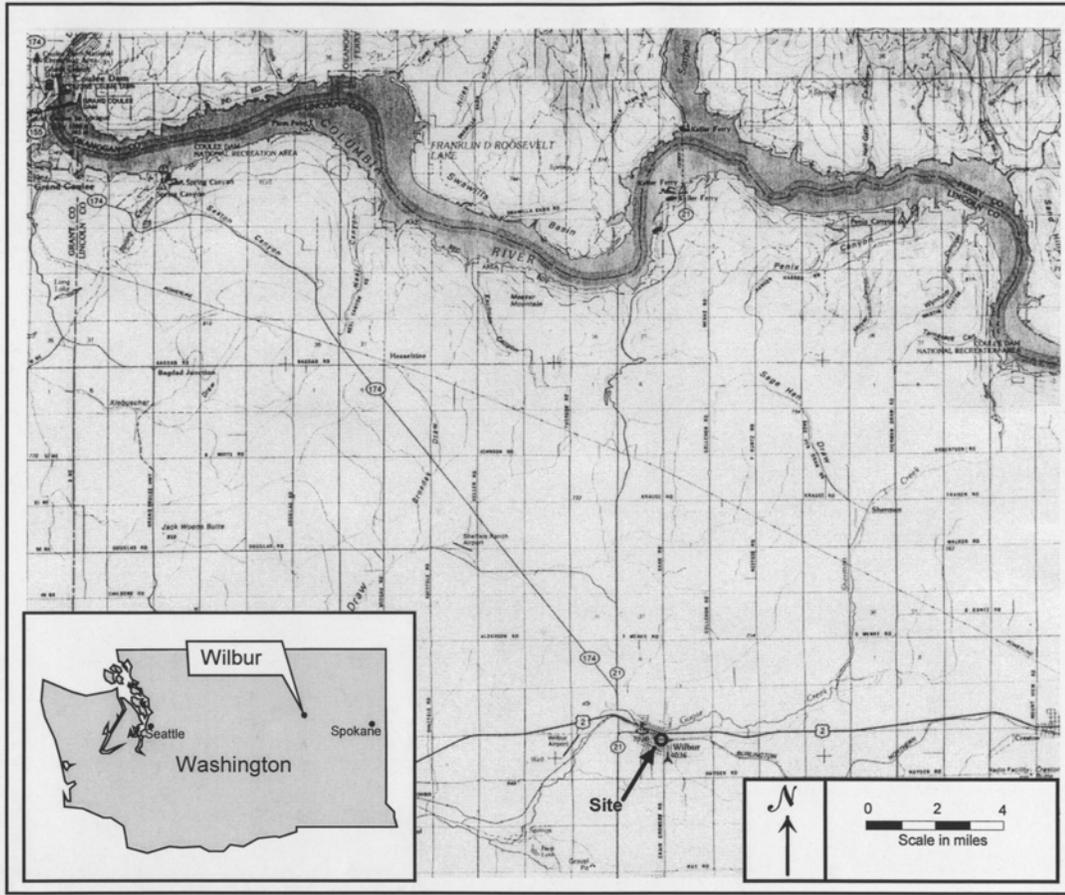


Figure 1  
Wilbur Site Location Map

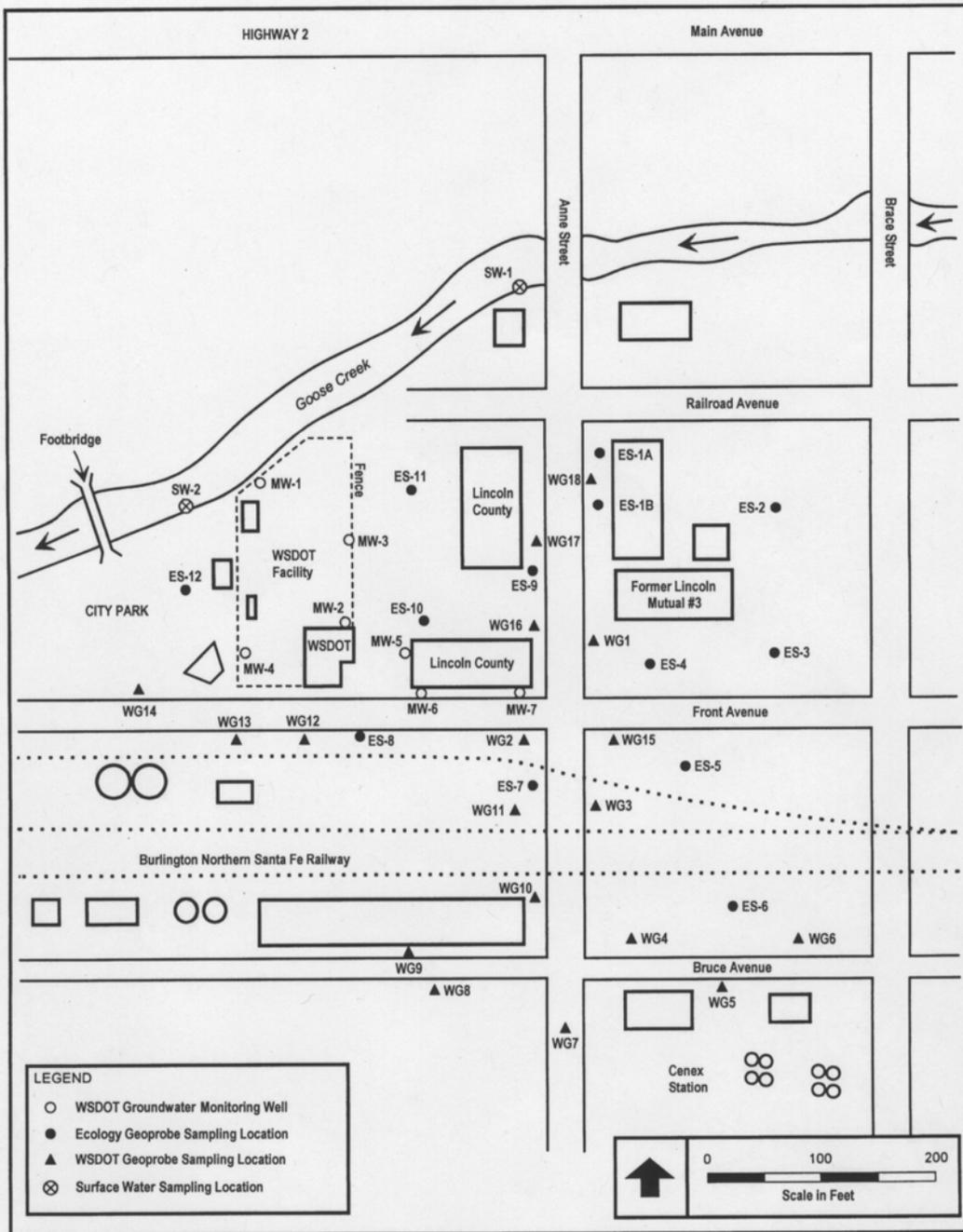


Figure 2  
Map of South Wilbur Petroleum Contamination Site