

# NORTH MARKET STREET SITE

## PROJECT UPDATE



After a 30-day public comment period, the Washington State Department of Ecology finalized the proposed Engineering Design report for cleanup at the North Market Street Site in the Hillyard area of Spokane. A public comment period for a determination of non-significance (DNS) under the State Environmental Policy Act was also held. A DNS indicates the proposed cleanup work will not have a significant adverse impact on the environment.

Ecology and the potentially liable persons: Phillips Petroleum Company and Tosco Refining Company agreed upon the cleanup work outlined in the design report. Work will be done under the authority of the Model Toxics Control Act (MTCA) Chapter 70.105D RCW and is scheduled to begin by the end of July. The MTCA related work will be monitored by Ecology.

The Engineering Design report describes procedures to be used for clean up of petroleum products in soils, soil vapor and groundwater at the Site. Deep soil contamination will be treated using bioventing to enhance biodegradation under the surface. Air sparging wells and natural attenuation will be used for petroleum products in water under ground. Shallow soil containing petroleum contaminants will be removed and treated with a

technology called thermal desorption.

### **WHAT IS THERMAL DESORPTION?**

Thermal Desorption is a procedure that will be used to safely remove petroleum products from shallow soil at the site. It uses heat to remove contaminants from soil and change them to gases. The gases are collected and treated in a specially designed system that eliminates the petroleum products.

Thermal desorption has been used at 59 Superfund sites and hundreds of other areas in the United States. It was also successfully used in Hillyard at the U.R.M. site in 1996.

The Spokane County Air Pollution Control Authority (SCAPCA) has issued a permit for this process, and will monitor the work to ensure it meets the necessary requirements of the permit.

### **QUESTIONS AND INFORMATION**

Ecology and SCAPCA are available to answer your questions and share information on the project. If you are interested in more details about the Site and the work to be completed, the box at the right lists locations where documents may be reviewed. It also lists people to contact for answers to questions and to get your name on the mailing list for the Site.

### **FACT SHEET: JULY 2001**

#### **Document Locations:**

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

Spokane Public Library  
Hillyard Branch  
4005 N. Cook Street  
Spokane, WA 99207-5879

#### **Air Quality Questions**

##### **Contact:**

Mr. Joe Southwell  
Spokane County Air Pollution  
Control Authority  
1101 West College Avenue  
Spokane, WA 99201  
(509) 477-4727 Ext. 103

#### **Other Questions Contact:**

Mr. William J. Fees, P.E.  
Department of Ecology  
Toxics Cleanup Program  
4601 N. Monroe, Suite 202  
Spokane, WA 99205-1295  
E-mail [wfee461@ecy.wa.gov](mailto:wfee461@ecy.wa.gov)  
(509) 625-5190 or  
1-800-826-7716

#### **Mailing List Contact:**

Carol Bergin at Ecology  
outside Spokane call  
toll free 1-800-826-7716 or  
Spokane at (509) 456-6360  
E-mail [cabe461@ecy.wa.gov](mailto:cabe461@ecy.wa.gov)