

# UNOCAL Edmonds Bulk Fuel Terminal



## Cleanup of the Upper Yard is complete; report available for public review and comment

The Washington State Department of Ecology (Ecology) has prepared this fact sheet to provide you with information about the proposed certification of a portion of the UNOCAL Edmonds Bulk Fuel Terminal site as complete. You are welcome and encouraged to comment on the *As-Built Report* and Ecology letter of completion for the Upper Yard through October 4, 2003.

### What was done to clean up the Upper Yard

The Upper Yard of the Terminal—where the large petroleum storage tanks used to be—has been cleaned up to residential standards. Unocal removed petroleum contamination to more stringent standards than required by Ecology and cleaned up sand-blast grit containing heavy metals, including arsenic. The sand-blast grit was used for tank and pipe maintenance.

### Next Steps

After addressing any comments received during the public comment period, Ecology will issue a certificate of completion for this portion of the site.

Fieldwork was conducted between 1994 and 1996 to determine the extent of contamination at the whole site. Supplemental information has been collected at the site, and a report (called a Remedial Investigation/Feasibility Study [RI/FS]) describing

this work and evaluating cleanup alternatives for the Lower Yard will be available for public comment in Winter/Spring 2004. Ecology will select cleanup actions for the Lower Yard in Winter 2004-2005, after which a public comment period and public meeting will be held on the draft Cleanup Action Plan and Consent Decree for the Lower Yard. Final cleanup activities at the Lower Yard will commence in Summer/Fall 2005.

### Public Comment on the Upper Yard Certification Documents

Ecology is holding a public comment period from September 5 – October 4, 2003, during which you may comment on the *As-Built Report* and Ecology letter of completion for the Upper Yard. These documents are available at the information repositories listed on the first page of this fact sheet.

Once the public comment period ends, Ecology will review all comments received and will make recommendations for any suggested changes to the documents. If no significant changes are made, the *As-Built Report* will be considered final and Ecology will issue the letter of certification for the Upper Yard. You will have future opportunities to review and comment on the draft RI/FS and on the Cleanup Action Plan and Consent Decree for the Lower Yard at the site.

September 2003

**Public Comment Period:**  
September 5–October 4, 2003

### Technical Questions and Written Comments:

David L. South, Site Manager  
WA Department of Ecology  
Toxics Cleanup Program  
3190 160th Avenue SE  
Bellevue, WA 98008  
E-mail: [dsou461@ecy.wa.gov](mailto:dsou461@ecy.wa.gov)  
(425) 649-7200

### Documents can be reviewed at the following locations:

Edmonds Public Library  
650 Main Street, Edmonds  
(425) 486-8747

Mountlake Terrace Public Library  
23300 58th Avenue West  
Mountlake Terrace

Lynnwood Public Library  
19200 44th Avenue West  
Lynnwood

WA Department of Ecology  
Northwest Regional Office  
3190 160th Avenue SE  
Bellevue, WA 98008  
(425) 649-7190  
(Call for an appointment)

Ecology's Web Site:  
[http://www.ecy.wa.gov/programs/tcp/sites/unocal\\_edmonds/unocal\\_edmonds.html](http://www.ecy.wa.gov/programs/tcp/sites/unocal_edmonds/unocal_edmonds.html)

## **Ecology would like your input!**

You have an opportunity to review the Upper Yard As-Built Report and Ecology letter of certification and to comment on them. Please send your comments before October 4, 2003, to Ecology's Site Manager, David L. South, at the address in the box on the first page of this fact sheet. Comments may be sent by mail or e-mail and should include "Unocal Edmonds" in the subject line.

## **Public Participation Grant Activities**

The Edmonds Citizen's Awareness Committee (ECAC) receives grant funding from Ecology to hire independent consultants to review technical documents for the UNOCAL Edmonds site. The consultants review cleanup reports and provide comments to Ecology and UNOCAL. They also provide explanations of technical reports so ECAC can provide education to the community and encourage your involvement. For more information about ECAC activities, contact Dee Dee Sigler at (425) 771-3790.

## **Site background**

The UNOCAL Edmonds Bulk Fuel Terminal operated from 1923 to 1991. The facility was primarily used for storing, blending and distributing various petroleum products, including gasoline, diesel, and bunker fuel. An asphalt plant also was operated on UNOCAL's property between 1953 and the late 1970s. Fuel has not been received by the facility since 1991.

The current UNOCAL facility consists of an Upper and Lower Yard (see figure). Truck-loading racks, office buildings, a laboratory, and an asphalt plant were located in the Lower Yard. The Upper Yard is on the eastern hillside and included 23 aboveground storage tanks. During the course of more than 60 years of operation, petroleum releases occurred at the UNOCAL facility. Petroleum contaminated the soil on the UNOCAL property and has been detected floating on the groundwater beneath the property.

The primary environmental issues at the site are:

- (1) Upper Yard – shallow soil was contaminated with petroleum and sand blast grit. The sand blast grit was used to clean the exterior of tanks and piping prior to repainting and contained heavy metals such as arsenic, lead and zinc. As noted above, removal of this contamination was completed in March 2003. The projected future land use for the Upper Yard is residential. Grading for site redevelopment is now

underway. Redevelopment issues are being addressed by the City of Edmonds.

- (2) Lower Yard – migration of petroleum from contaminated soil to groundwater and potentially then to surface water, as well as transport of petroleum from areas where floating product occurs on groundwater. The Lower Yard also has areas of sand blast grit in surface soil. The projected future land use for the Lower Yard is commercial/light industrial.

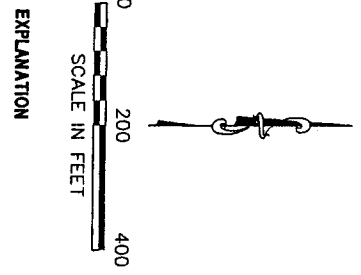
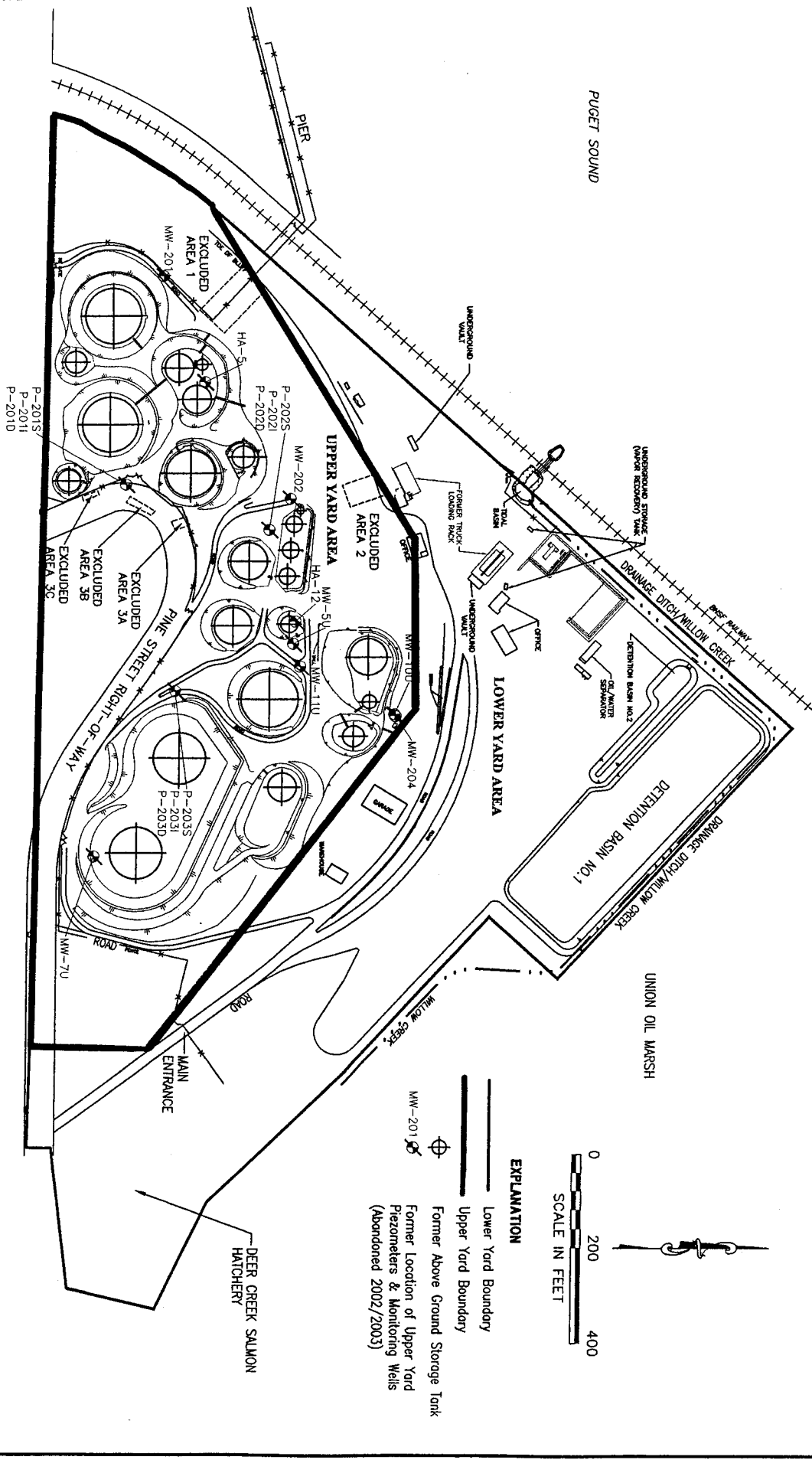
The site is being cleaned up by UNOCAL with oversight by Ecology. In addition, the Edmonds Citizens Awareness Committee (ECAC), the City of Edmonds, and the Port of Edmonds are participating in review of the work. UNOCAL, ECAC, the City, the Port, and Ecology meet regularly to discuss progress and upcoming cleanup steps.

The cleanup is being conducted under a legal agreement between UNOCAL and Ecology known as an Agreed Order. The Agreed Order requires that the nature and extent of contamination be delineated and feasible alternatives for addressing the contamination developed and evaluated. This work is known collectively as a remedial investigation and feasibility study (RI/FS).

In 2001, the aboveground storage tanks in the upper yard were removed. Petroleum product floating on underground water beneath the lower yard was removed.

In 2002 and early 2003, petroleum and sand blast grit contamination in the upper yard was removed. The proposed work that we are asking you to comment on is a continuation of cleanup work at the site

LAYOUT: 1



- EXPLANATION**
- Lower Yard Boundary
  - Upper Yard Boundary
  - Former Above Ground Storage Tank
  - ⊕ Former Location of Upper Yard Piezometers & Monitoring Wells (Abandoned 2002/2003)
  - MW-201

Source: Union Oil Company of California - Los Angeles, California.  
 Site area study General Arrangement Edmonds Terminal -  
 Edmonds, Washington. 10/12/92

Vancouver: (360) 694-2891  
 Seattle: (425) 744-1489  
 Portland: (971) 544-2139

DATE	08/19/03
DWN.	ALT
APPR.	
REVS.	
PROJECT NO.	9077.01.07

Figure 2-1  
 UNOCAL EDMONDS TERMINAL  
 EDMONDS, WASHINGTON  
 SITE PLAN



3190 160th Avenue SE  
Bellevue, WA 98008-5452

**UNOCAL Edmonds Bulk  
Fuel Terminal Site:**

Ecology Seeks Public Comment  
on Completion of Upper Yard

Public Comment Period  
September 5 - October 4, 2003