

## **Agreed Order for Feasibility Study and Draft Cleanup Plan Now Available for Public Comment**

The Washington Department of Ecology and Texaco Downstream Properties Inc. (TDPI) are entering into an Agreed Order (legal agreement) to continue investigation and cleanup of the Cowlitz BP site in Toledo. Ecology is requiring TDPI to complete the following:

- A Feasibility Study to examine cleanup alternatives.
- An Interim Action (partial cleanup action) to remove contaminated soil from part of the site.
- A draft Cleanup Action Plan which will outline the chosen cleanup actions and how they will be implemented.
- Continued groundwater monitoring at the site.

### **Ecology Wants Your Input!**

Ecology is asking for your comments on the Agreed Order. You are invited to:

- **Review** the Agreed Order..
- **Send** your comments to Ecology for consideration. **Comments will be accepted through February 19, 2010.**

### **What Happens Next?**

- Ecology will review and consider all comments received during the comment period.
- Ecology will create a Responsiveness Summary, containing all comments and Ecology responses. It will be posted online and sent to all who commented and will become part of the permanent public record.
- TDPI will prepare an Interim Action Work Plan to outline steps for removing contaminated soil from the site. The Interim Action will take place once the work plan goes through a 30-day public comment period and is approved by Ecology.
- TDPI will prepare a Feasibility Study and draft Cleanup Action Plan which will describe what cleanup alternatives will be taken. Once Ecology approves the work plan, the final cleanup actions will be taken.

### **Comments Accepted**

January 19-  
February 19, 2010

#### **Submit Comments and Technical Questions to:**

Steve Teel, Site Manager  
WA Department of Ecology  
SWRO Toxics Cleanup Program  
P.O. Box 47775  
Olympia, WA 98504-7775  
Phone: (360) 407- 6247  
E-mail: stee461@ecy.wa.gov

#### **Public Involvement Contact:**

Meg Bommarito  
Phone: (360) 407- 6255  
E-mail: mbom461@ecy.wa.gov

#### **Document Review Locations**

Toledo City Hall  
130 N 2nd Street  
Toledo, WA 98591  
Phone: (360) 864-4564

WA Department of Ecology  
Southwest Regional Office  
300 Desmond Drive SE  
Lacey, WA 98503

By appointment only:  
Contact Debbie Nelson,  
dene461@ecy.wa.gov or  
(360) 407-6365

#### **Ecology's Toxics Cleanup Website**

[http://www.ecy.wa.gov/programs/tcp/sites/CowlitzFoodAndFuel/CowlitzFoodAndFuel\\_hp.html](http://www.ecy.wa.gov/programs/tcp/sites/CowlitzFoodAndFuel/CowlitzFoodAndFuel_hp.html)

**Facility Site ID # 1166**



### Site Background

The site is located at 101 Mulford Road in Toledo, on the east side of I-5 at the Vader-Ryderwood exit. It consists of an operating gas station and mini-mart and a former gas station across the street on the south side of Mulford Road.

The site, which includes three parcels, was purchased in 1947 by Charles Vineyard and used for farming for eight years. In 1955, it was divided into separate lots and leased.

### Former Gas Station Property

The former gas station property, one of the three parcels making up this site, was located on the south side of Mulford Road. It was leased to General Petroleum Corporation, Olson Brothers Garage, Inc and then used as a Mobil service station and restaurant. In 1984, the station was shut down and demolished. Currently, only a building foundation exists on this property.

In 1992, three underground storage tanks (USTs) were removed from the property. Testing revealed that residual gasoline and diesel range hydrocarbons were present in soil above state cleanup standards. Contaminated soil was removed from the tank area and treated on site. However, some contamination remained in the excavation area.

### Active Gas Station and Mini-Mart Property

The rest of the site (two parcels) is located on the north side of Mulford Road. An active gas station and mini-mart are currently on the site.

Texaco leased this property from 1955-1980 and used it as a gas station. They constructed a building, underground storage tanks and piping.

In 1986, after purchasing the gas station, Ron and Sherri Smith removed the USTs and discovered petroleum contamination in soil above state cleanup standards. In 1991, Ecology issued an Enforcement Order (legal document) to Frank Vineyard to begin investigation and cleanup of the active gas station property.

### Combined Property Cleanup

During the investigation at the active gas station, contaminated groundwater was discovered on the former gas station property. The former gas station and the active gas station properties were then merged into one cleanup site.

The Remedial Investigation (RI) and Feasibility Study were completed in 1993. A supplemental RI was conducted in 1995. A Cleanup Action Plan to complete site cleanup was finalized in 1994.

During a site visit in 1994, Ecology discovered that the ground surface at the former gas station had been graded, and a storage tank and piping had been installed. In addition, some model single family homes had been placed where cleanup actions were planned. Monitoring wells established in this area could not be found.

In 2001, Ecology entered into another Agreed Order with Charles Vineyard, Bob and Sherri Smith and Texaco to implement new cleanup actions and monitor groundwater on the former gas station property. However, in 2005 Ecology concluded that the cleanup was not successful.

### CONTAMINANTS OF CONCERN

Total petroleum hydrocarbons (TPH) and lead were found above state cleanup levels in soil and/or groundwater.

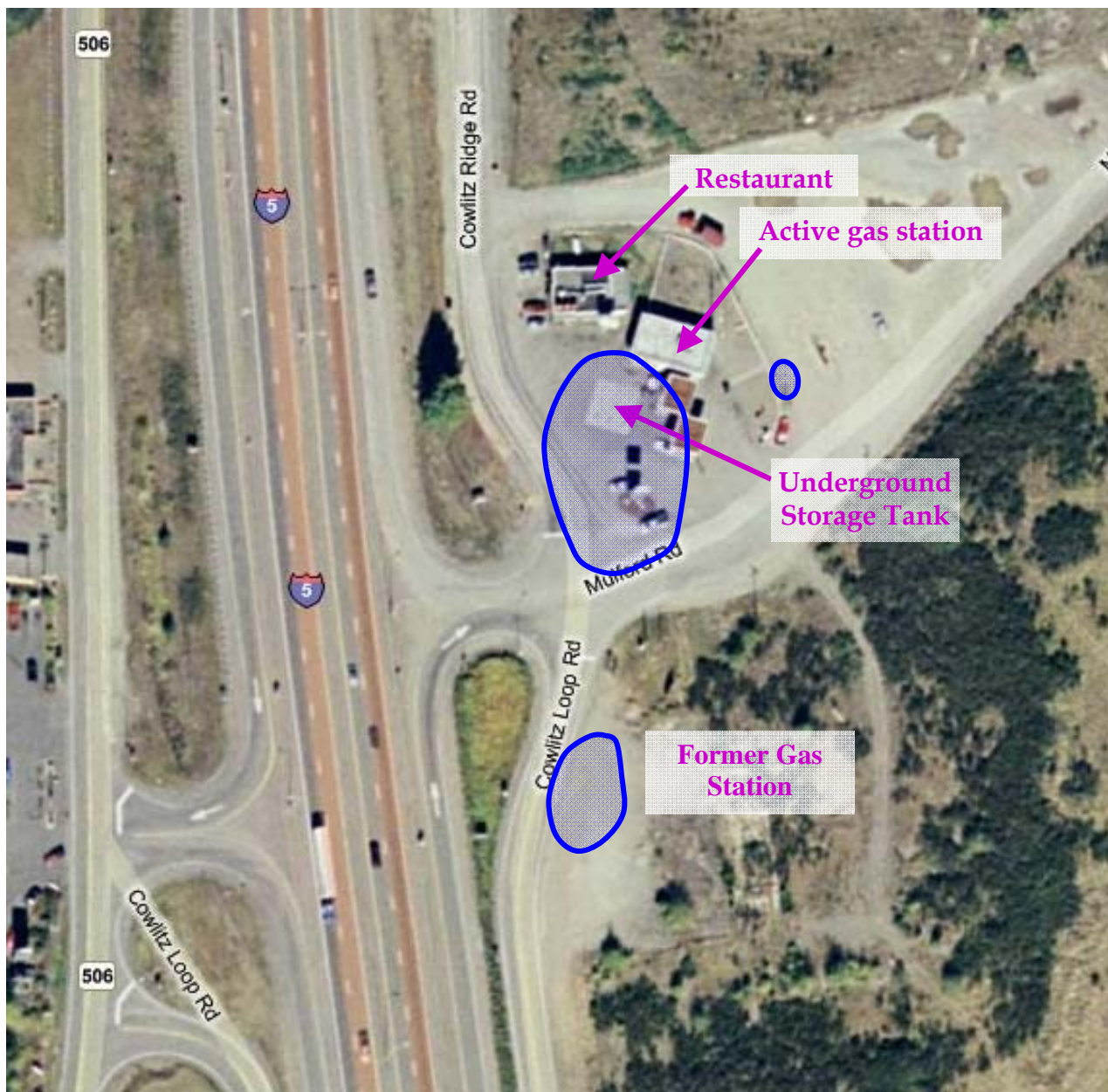
TPH refers to a family of chemicals found in gasoline and diesel fuels that come from crude oil.

There are hundreds of compounds in this group, including benzene, toluene, xylene, and ethylbenzene (BTEX).


TPHs and lead, can be harmful to human health. To find out more, visit <http://www.atsdr.cdc.gov/tfacts13.html> and <http://www.atsdr.cdc.gov/tfacts123.html>.

## Cowlitz BP (Cowlitz Food and Fuel)

### Cowlitz BP Location



#### Diagram Key

 = Approximate area of known soil contamination with levels above state cleanup standards.



DEPARTMENT OF  
**ECOLOGY**

State of Washington

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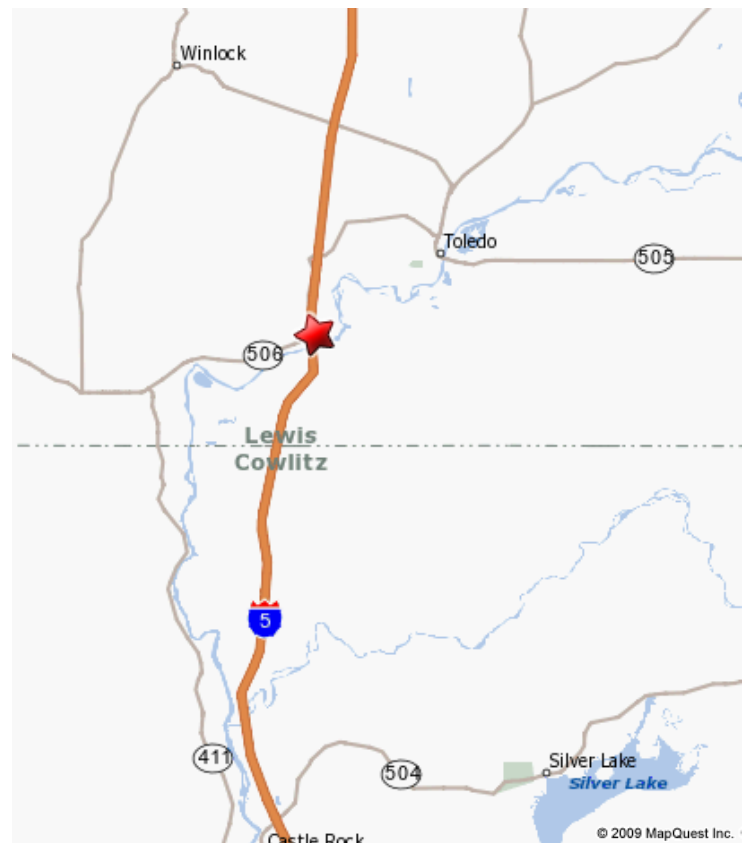
**Cowlitz BP  
(Cowlitz Food and Fuel)  
Toledo, WA**

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Comment**

**Public Comment Period:  
January 19 - February 19, 2010**

**Facility Site ID #: 1166**

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*Cowlitz BP Cleanup Site, Toledo, WA*