

## **Draft Cleanup Action Plan and Legal Agreement Available for Public Review and Comment**

The Department of Ecology (Ecology) would like your comments on the proposed Cleanup Action Plan for the Brumfield Twidwell site. The site is located at 301 East Pioneer Avenue in Montesano.

Five documents are available for review and comment at locations listed to the right:

- **Remedial Investigation/Feasibility Study (RI/FS Report)**—Describes the nature and extent of contamination and evaluates possible final cleanup actions.
- **Draft Cleanup Action Plan (draft CAP)**—Describes how the potentially liable parties (the PLPs; see page 2) will clean up contamination at the site.
- **State Environmental Policy Act (SEPA) Determination and Checklist**—Describes the potential negative impacts of the cleanup work and how they will be lessened.
- **Agreed Order Amendment**—Updates the original legal agreement between Ecology and the liable parties.
- **Public Participation Plan.**

### **Ecology Wants Your Comments!**

Ecology is accepting comments on these documents from **December 1, 2011 - January 3, 2012**. The box to the right shows where to review documents and how to submit comments.

### **Cleanup Actions Proposed**

As part of this agreement, the PLPs will:

- Treat remaining contamination with compounds that naturally break contaminants into less toxic substances (bioremediation).
- Monitor groundwater to track contaminant breakdown. The PLPs will submit four quarterly groundwater monitoring reports.
- Place an environmental (restrictive) covenant on the property to protect people from contamination remaining on site.

The PLPs removed petroleum-contaminated soil in 2006. The map on page 3 shows the approximate locations of the proposed cleanup work. All cleanup work must meet the requirements of state cleanup law.

### **Comments Accepted**

**December 1, 2011 —  
January 3, 2012**

#### **Send Comments and Questions to:**

Marv Coleman, Site Manager  
Department of Ecology  
SWRO Toxics Cleanup Program  
P.O. Box 47775  
Olympia, WA 98504-7775  
Phone: (360) 407- 6259  
E-mail: Marv.Coleman@ecy.wa.gov

#### **Public Involvement Questions:**

Diana Smith  
Public Involvement Coordinator  
Phone: (360) 407- 6255  
E-mail: Diana.Smith@ecy.wa.gov

### **DOCUMENT REVIEW LOCATIONS**

**W.H. Abel Library**  
125 South Main Street  
Montesano, WA 98563  
(360) 249-4211

**Montesano City Hall**  
112 North Main Street  
Montesano, WA 98563  
(360) 249-3021

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

By appointment only:

Contact Debbie Nelson,  
Debbie.Nelson@ecy.wa.gov or  
(360) 407-6365

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

[https://fortress.wa.gov/ecy/gsp/  
Sitepage.aspx?csid=6914](https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6914)

**Facility Site ID #: 94658144**

### What Is Bioremediation?

Bioremediation will be used to treat groundwater contaminated with gasoline-range hydrocarbons and benzene. The PLPs will use two compounds that break contaminants into less toxic substances.

One of the compounds, RegenOx, breaks the contaminants into water, carbon dioxide, and inorganic chloride. The other compound, ORC, releases oxygen, improving conditions for microbes that break down contaminants. This speeds up the breakdown.

The compounds will be injected into the ground where the highest levels of contamination remain.

### Site Background

In the past, the Brumfield Twidwell property was used as an auto dealership, service station, and repair shop. In 2005, Ecology discovered petroleum contamination on the Brumfield Twidwell property during the area-wide downtown Montesano groundwater study. Ecology found petroleum hydrocarbons in both soil and groundwater.

From 2005-2006, Bryan Kolb, the property owner, redeveloped the site. During this, he removed petroleum-contaminated soil and an underground storage tank.

Tests in 2006 showed that some contamination remained at the site. In March 2006, Ecology entered into an agreed order with Bryan and Kathleen Kolb (the PLPs) to begin cleanup of the site.

Soil and groundwater tests from 2006-2011 have found remaining contamination on and west of the property. The investigation is described in the RI/FS Report. Contaminants include:

- Gasoline-range petroleum hydrocarbons.
- Volatile organic compounds (VOCs) associated with gasoline.

### What Happens Next?

Ecology will review all comments before finalizing the CAP. Ecology will respond to comments in a responsiveness summary.

The PLPs will begin the final cleanup actions in early 2012. Quarterly groundwater monitoring will begin three months after the bioremediation injections are complete. Groundwater will be monitored for at least one year.

### Other Sites in Downtown Montesano

Ecology's groundwater investigation resulted in three formal cleanup sites: Tony's Short Stop, Whitney's Chevrolet and Brumfield Twidwell (see map on page 3). Pick-Rite Thriftway entered the Voluntary Cleanup Program in 2010. Work to investigate and clean up these sites is underway.

#### ► Tony's Short Stop

In October 2011, Tony's began an interim action (partial cleanup) to remove petroleum-contaminated soil. Tony's is also treating remaining contamination with bioremediation. Tony's will finish investigating the site and evaluate the feasibility of different actions for final cleanup.

#### ► Whitney's Chevrolet:

In September 2011, Whitney's began an interim action to remove six underground storage tanks and clean up some contaminated soil. Whitney's will finish investigating the site and evaluate the feasibility of different actions for final cleanup.

#### ► Pick-Rite Thriftway

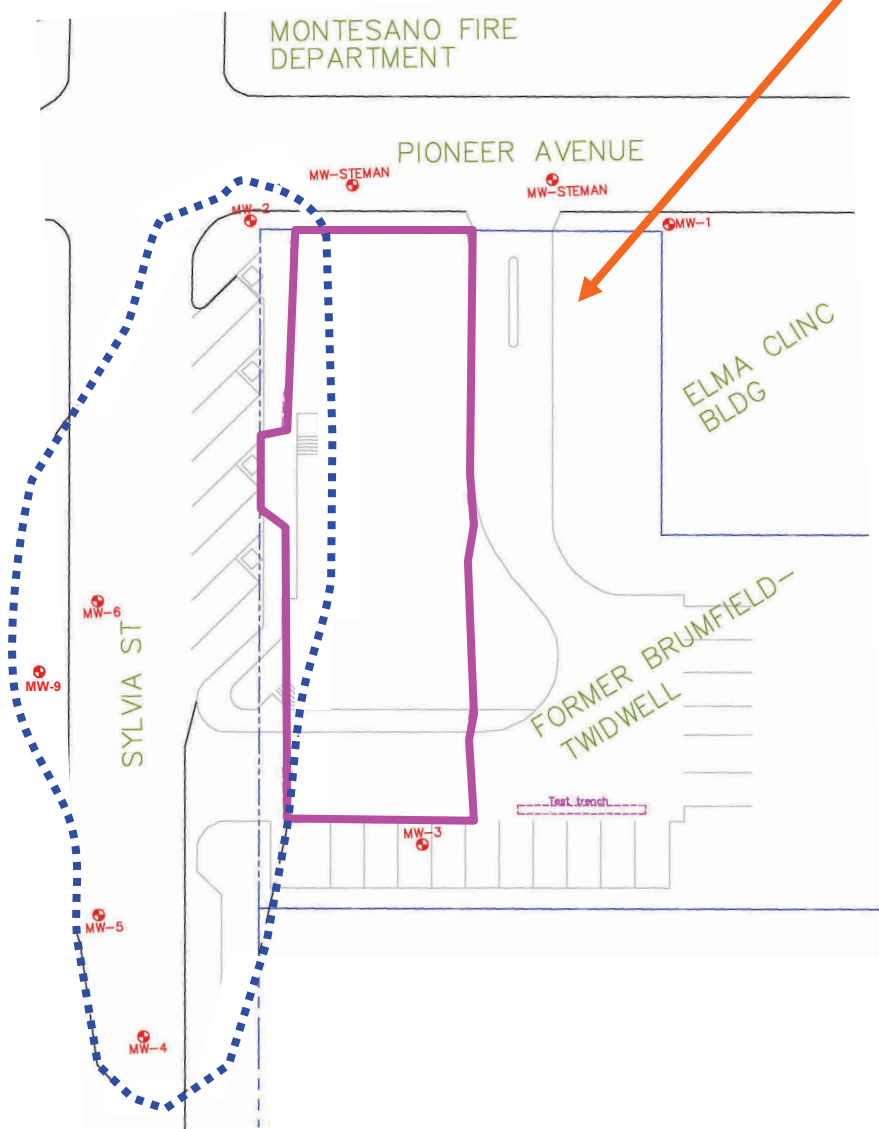
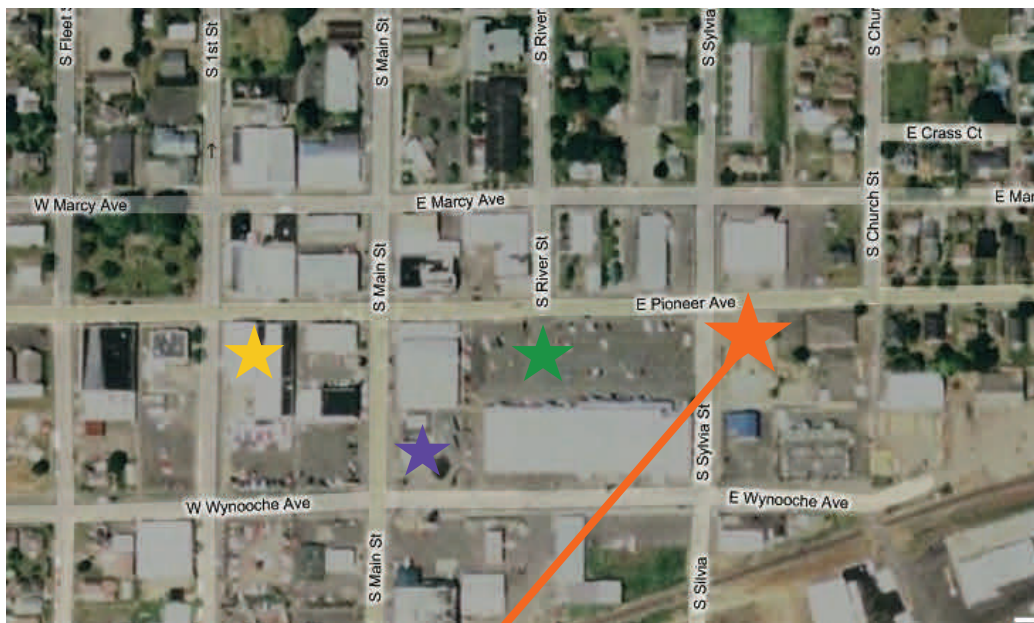
In 2010, Pick-Rite Thriftway entered the Voluntary Cleanup Program. The site's owners are investigating the site to determine the nature and extent of contamination. They plan to remove an underground storage tanks and contaminated soil from the site in the next several months.

# Brumfield Twidwell

## Cleanup Sites in Downtown Montezano




### Legend

-  Brumfield Twidwell
-  Pick-Rite Thriftway
-  Tony's Short Stop
-  Whitney's Chevrolet



## Brumfield Twidwell Cleanup Actions

### Legend

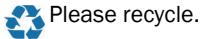
-  Soil excavation area (conducted in 2005)
-  Bioremediation area
-  Monitoring well



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## **Brumfield Twidwell Montesano, WA**

Ecology seeks public comment on a draft Cleanup Action Plan and legal agreement for cleanup

**Public Comment Period:**

**December 1, 2011 — January 3, 2012**

**Facility Site ID #: 94658144**

If you need this publication in a format for the visually impaired, call reception at (360) 407-6300.

Persons with hearing loss, call 711 for Washington Relay Service. Persons with a speech disability call 877-833-6341.

### **Why Cleanup Matters**

Soil and groundwater at the Brumfield Twidwell site are contaminated with petroleum-related chemicals. These chemicals can pose a threat to human health and the environment and must be cleaned up. The Cleanup Action Plan describes how this contamination will be cleaned up.

### **To be removed from the mailing list:**

Contact Diana Smith, Public Involvement Coordinator at [Diana.Smith@ecy.wa.gov](mailto:Diana.Smith@ecy.wa.gov) or (360) 407-6255.