

## Proposed Removal from the Hazardous Sites List

### Public Comment Invited

The Washington State Department of Ecology (Ecology) plans to remove the Maple Lane School cleanup site from the Hazardous Sites List (see below). This site was cleaned up under the Voluntary Cleanup Program (VCP). Under the VCP property owners can clean up their own property to meet the requirements of the Model Toxics Control Act (MTCA) with technical assistance from Ecology. Ecology has reviewed the site cleanup activity and determined that

- The site is no longer a threat to human health or the environment.
- The cleanup actions at the site meet MTCA cleanup standards.
- No further action is needed.

### Ecology Wants Your Input!

Ecology is asking for your comments on the No Further Action Opinion letter and the Current Site Condition Summary Report. You are invited to:

- **Review** the No Further Action Opinion letter and the Current Site Condition Summary Report online or at the repository locations (listed to the right).
- **Send** your comments to Ecology for consideration. **Comments will be accepted until April 2, 2009.**

### What Happens Next

Ecology will respond to your comments after the end of the comment period. Ecology may require further sampling or cleanup based on information given by the public. Otherwise, the site will be removed from the Hazardous Sites List after the comment period.



#### What is the Hazardous Sites List?

The Hazardous Sites List includes sites that have been assessed for their potential risk to human health and the environment. Sites are then ranked 1-5, based on the degree of risk, with 1 being the highest. **Maple Lane School has a ranking of 3.**

### Comments Accepted

March 2 through  
April 2, 2009

#### Submit Comments and Technical Questions to:

Chuck Cline  
Site Manager  
WA Department of Ecology  
SWRO Toxics Cleanup Program  
P.O. Box 47775  
Olympia, WA 98504-7775  
Phone: (360) 407- 6267  
E-mail: [chcl461@ecy.wa.gov](mailto:chcl461@ecy.wa.gov)

#### Public Involvement Contact:

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

#### Document Review Locations

Centralia Timberland Library  
110 South Silver Street  
Centralia, WA 98531  
Phone: (360) 736-0183

#### WA Department of Ecology Southwest Regional Office

300 Desmond Drive SE  
Lacey, WA 98503

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

#### Ecology's Toxics Cleanup Website

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

FS ID# 63149499

### Site Background

The Maple Lane School, a youth detention facility, is located at 20311 Old Highway 9 SW in Centralia. It is surrounded by mostly residential farmland and is just north of a wetland which connects to the Chehalis River.

A 6,000-gallon underground storage tank (UST) was installed in 1980 for use as a backup fuel source for school boilers. Evidence of a diesel range organic fuel leak was discovered in May 1997. Investigations revealed that approximately 1,200 gallons of fuel leaked from a hole in the tank between 1980 and 1997. In some areas, soil and groundwater were contaminated above state cleanup standards. Groundwater contamination did not move past the fenced area of the property.

Cleanup actions at the site included:

- Underground tank removal.
- Excavation of 40 cubic yards of contaminated soil.
- Stockpiling and treatment of contaminated soils on site.
- Installation of monitoring wells.
- Injection of hydrogen peroxide into the groundwater to breakdown and reduce the amount of contamination remaining in groundwater.
- Soil and groundwater monitoring for 10 years

Monitored natural attenuation was used to manage remaining contamination on site after the tank and soil were removed (for more information, see the blue box to the right).

The site entered the Voluntary Cleanup Program in January 2008. Ecology reviewed a summary of the cleanup actions taken at the site to determine if the cleanup was complete. A No Further Action Opinion letter was issued in December 2008.

### WHAT IS NATURAL ATTENUATION?

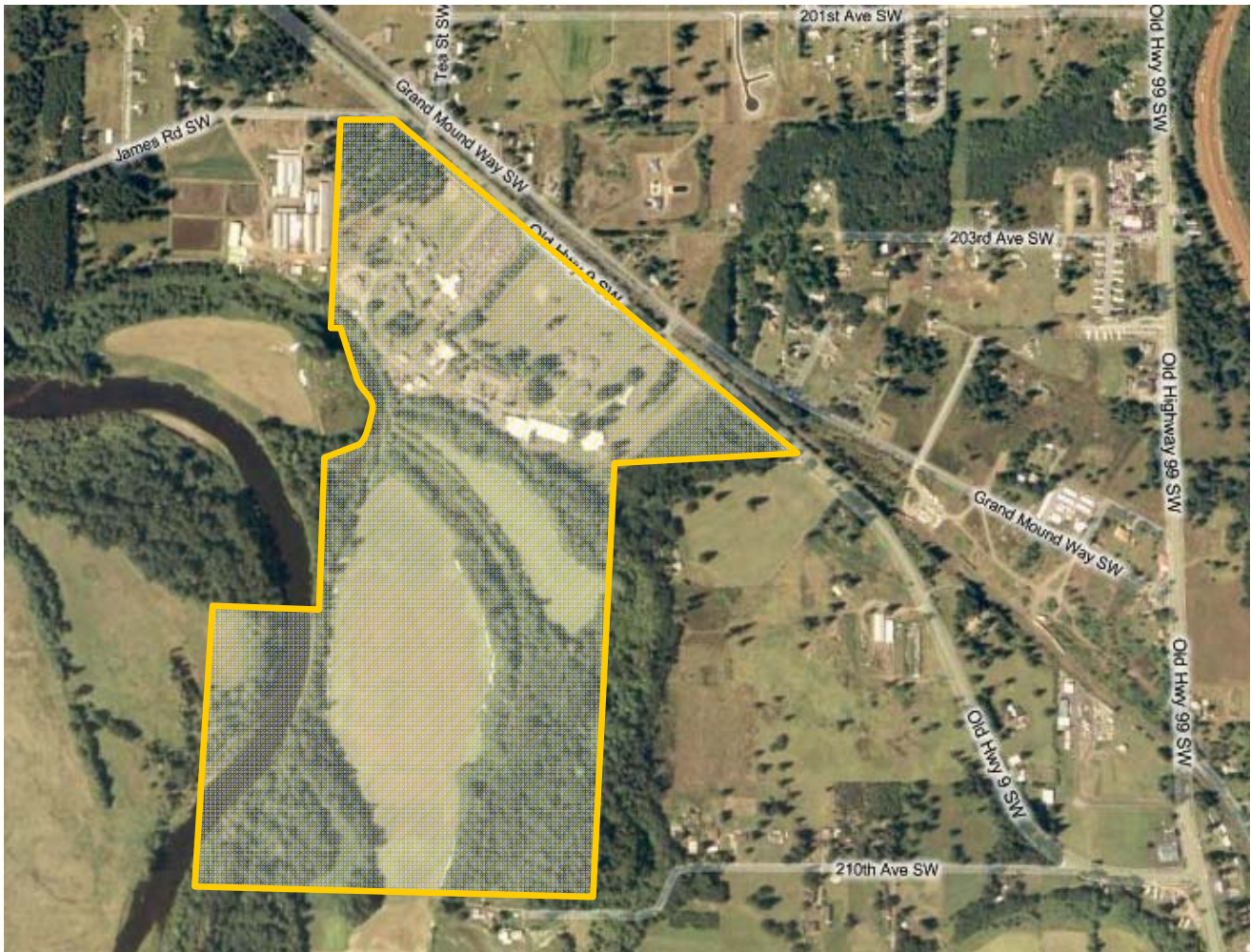
Natural attenuation is used in the management of some contaminated sites. **It uses naturally occurring physical, chemical or biological processes to lower contamination levels over time.** Toxins can be dispersed, diluted, transformed into less harmful forms or destroyed.


This method leaves the contamination in place and relies on natural processes to destroy or neutralize the contamination. The site is monitored to make sure that natural attenuation is working.

Natural attenuation is often used in combination with other more active forms of treatment. At the Maple Lane School, soil was excavated and hydrogen peroxide was injected into groundwater to break down contamination. The two methods were used along with the monitored natural attenuation. These treatments worked together to reduce levels of contamination below state cleanup levels.


# Maple Lane School

## Site map



 Approximate site location



 Approximate location of cleanup activities



DEPARTMENT OF  
**ECOLOGY**

State of Washington

PO Box 47775

Olympia, WA 98504-7775

## **Maple Lane School Centralia, WA**

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**Public Comment Period:  
March 2 through April 2, 2009**

**Facility Site ID #: 63149499**

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