

## **Paine Field Sheriff Pistol Range Site to be removed from the Hazardous Site List**

The Washington State Department of Ecology (Ecology) proposes to remove the Paine Field Sheriff Pistol Range site from the Hazardous Sites List. The address of the site is 3220 100<sup>th</sup> Ave SW, Everett, Washington.

The Paine Field Sheriff Pistol Range 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 and regulatory review assistance from Ecology.

### **Ecology Wants Your Input**

Ecology has determined that the cleanup work at this site meets the requirements of the Model Toxics Control Act and therefore does not pose a threat to human health or the environment. Ecology proposes to remove the site from the Hazardous Sites list and seeks your input.

#### **You are invited to:**

Review the No Further Action Letter. Send your comments in writing to Ecology for consideration. Comments may be sent by mail or e-mail, with "**Paine Field Sheriff Pistol Range**" in the subject line.

**Comments will be accepted from November 13 – December 14, 2009**

### **Comments Accepted**

**November 13 – December 14, 2009**

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

Russ Olsen, Voluntary Cleanup Unit Supervisor  
Washington State Department of Ecology  
Northwest Regional Office - Toxics Cleanup Program  
3190 160<sup>th</sup> Avenue SE  
Bellevue, WA 98008  
Phone: (425) 649-7038  
E-mail: rols461@ecy.wa.gov

#### **Document review locations**

**Washington State Department of Ecology  
Northwest Regional Office**  
3190 160<sup>th</sup> Ave SE  
Bellevue, WA 98008

Call for an appointment: Sally Perkins  
Phone: (425) 649-7190  
Fax: (425) 649-4450  
E-mail: sper461@ecy.wa.gov  
Hours: Tuesday – Thursday  
8:00 AM – 12:00 PM and 1:00 PM – 4:30 PM

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

**[http://www.ecy.wa.gov/programs/tcp/sites/paineField/paineField\\_hp.html](http://www.ecy.wa.gov/programs/tcp/sites/paineField/paineField_hp.html)**

**Facility Site ID #: 15848557**

## Site Background

The Paine Field Sheriff Pistol Range site is located on the west side of Paine Field between the Mukilteo Speedway and the Paine Field main north-south runway. This property is zoned as light industrial.

The pistol range was established by the Air Force in 1950. Paine Field was an Air Force base until it was acquired by Snohomish County in 1966. Beginning in 1969, the Snohomish County Sheriff's Department operated the range, and other local and state agencies were allowed to use this range. Former components of the Sheriff's Pistol Range included an office building with an attached storage shed, tower, firing lines and impact slope, and a "tirehouse." The shooting range ceased operations in 1997.

Based on available information, Ecology added the property to the Hazardous Site List in 1997 for lead and arsenic contamination in soil. The site was selected for a Site Hazard Assessment (SHA) and subsequent ranking by the Washington Ranking Method (WARM). The site was given a WARM ranking of "3" and placed on the Washington State Hazardous Sites List. This ranking is based on a scale of 1 to 5 where "1" represents the highest relative risk, and "5" represents the lowest relative risk. This ranking is designed to estimate the potential threat to human health and the environment relative to all other sites in Washington State.

## What Was Done to Clean Up The Site?

Snohomish County Department of Public Works (SCDPW) conducted remedial actions and retained Camp Dresser & McKee Inc. (CDM) to oversee and confirm the adequacy of such actions. Site remediation was conducted under the Washington

State Department of Ecology's Voluntary Cleanup Program (VCP).

In 2002, CDM completed a remedial investigation and feasibility study (RI/FS) for the site. Elevated concentrations of lead above background levels were identified in soils within the firing line and impact slope as well as wetland soils and wetland drainage channel located downstream from the primary impact area. Elevated concentrations of arsenic and antimony were also present. Chemicals of Primary Concern (COPC) detected in soil above state cleanup levels were lead, antimony, and arsenic.

CDM also completed a site-specific terrestrial ecological evaluation (TEE) of the site. A site-specific lead cleanup level of 120 ppm was selected based on current literature values published by the US EPA. This is lower than the human health cleanup level of 250 ppm. Supporting studies included wetland and mitigation reports prepared by Snohomish County Public Works. Wetland remediation included the removal of contaminated soils from approximately 15,000 square feet of wetland. Excavated soils were replaced with clean topsoil and the wetland and impacted buffers were planted with trees and shrubs. A total of 16,500 square feet of wetland and 20,000 square feet of buffer were planted to compensate for project related wetland impacts.

Remedial activities included excavating and disposing of metals contaminated soils, conducting confirmation soil sampling, and stabilizing the metals in soils when needed.

The contaminated soil that was above the established cleanup level was removed, and disposed in a permitted landfill during June

2007. Final confirmation samples determined that lead, antimony and arsenic concentrations met their respective state cleanup levels. Under the VCP, Ecology issued a No Further Action for this site based on the technical information provided.

**What Happens Next?**

After the 30-day public comment period, Ecology will review all comments received and make recommendations for any suggested

changes to delisting the site from the Hazardous Sites List. If no significant changes are necessary, the site will be delisted.

A public meeting has not been scheduled at this time. However, one will be held if ten or more people request a meeting during the comment period. Please contact Nancy Lui to request a meeting at [nlui461@ecy.wa.gov](mailto:nlui461@ecy.wa.gov) or at (425) 649-7117.

**Paine Field Sheriff Pistol Range Site Map**  
3220 100<sup>th</sup> Ave SW, Everett, Washington





DEPARTMENT OF  
**ECOLOGY**  
State of Washington

**3190 160<sup>th</sup> Ave SE  
Bellevue, WA 98008**



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**Paine Field Sheriff Pistol Range  
Snohomish County, WA**

**Ecology Seeks Public Comment on delisting the site from the Hazardous Site List**

**Public Comment Period  
November 13, 2009 - December 14, 2009**

Facility Site ID #: 15848557

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If you need this publication in an alternative format, call Nancy Lui at (425) 649-7117.  
Persons with hearing loss, call 711 for Washington Relay Service.  
Persons with speech disability call 877-833-6341.

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