

**United States Environmental Protection Agency  
Region X  
POLLUTION REPORT**

**Date:** Friday, October 29, 2010

**From:** Kathy Parker, OSC

**To:** Chris Field, EPA  
Frances Charles, Lower Elwha Klallam Tribe  
Joel Winborn, Clallam County Parks, Fairs, Facilities  
Lori Pena, Clallam County, Salt Creek Park Manager  
Dan Opalski, EPA Region 10 (POLREP List)  
Sue Trettevick, DNR

Cris Matthews, WDOE  
Jennifer Garcelon, Clallam County Health District  
John Felder, DNR  
Thomas Eaton, EPA Region 10 (POLREP List)  
Preston Sleeper, Department of Interior (POLREP list)

**Subject:** Final Polrep  
Salt Creek Park  
Camp Hayden Road, Port Angeles, WA  
Latitude: 48.1618490  
Longitude: -123.6973858

<b>POLREP No.:</b>	4	<b>Site #:</b>	10HY
<b>Reporting Period:</b>	10/22/2010 - 11/4/2010	<b>D.O. #:</b>	
<b>Start Date:</b>	10/12/2010	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	10/12/2010	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>	10/29/2010	<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>	11/4/2010	<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	WAH001002870	<b>Contract #</b>	
<b>RCRIS ID #:</b>	WAH 000037321		

#### **Site Description**

The Salt Creek Recreation Area County Park is a 196 acre park in Clallam County with upland forests, rocky bluffs, tide pools, campsites and RV sites near Port Angeles. The site overlooks the Strait of Juan de Fuca and surface water from the site drains toward the Strait. A portion of the park was once a 500 yard military firing range during World War II. Later it was turned into a Sportsman's 200 yard shooting range, which was finally closed in 1998 when the Park opened. A EPA Removal Assessment in August 2009 determined the impact area of the firing range was highly contaminated with mobile lead.

#### **Current Activities**

During all excavation and XRF scanning activities, START and ERRS continued to look for visual clues indicating evidence of historical findings. No cultural artifacts were encountered during site work.

The historic target posts and pulleys were not disturbed so a State Historic and Preservation Office report was not necessary.

ERRS removed soil in the marked excavation area while START conducted lead-XRF readings of excavated areas to confirm that soil to be left behind was below the cleanup levels of 120 mg/kg lead in soil. Two confirmation composite samples were collected on Friday 10/22 and taken to a lab on Monday. The lab results were reported on Tuesday and confirmed that XRF field readings of confirmation composite samples were adequate to indicate achievement of the cleanup level. Two additional confirmation composite samples were collected on 10/28 and will taken to the lab on 11/1. No further removal action is planned based on the results of those additional lab analyses.

Final soil removal activities were performed this week. 38 more fifteen-ton trucks and three thirty-ton trucks were loaded with excavated soil and transported to hazardous waste disposal facilities in both Waste Management in Arlington, OR and US Ecology in Grand View Idaho. The final truck-load of excavated soil went off-site on Thursday, 10/28/2010.

On 10/28/2010, the OSC decided not to have a slightly contaminated area near the north edge of the area

excavated because the capacity of the removal action to dispose of excavated soil had been reached. This area contained approximately 12 cubic yards of soil with lead between 120 and 400 ppm so the area was covered with six inches of clean native soil and then completely covered with woody debris. This action is expected to be protective of human health due to direct contact. It represents less than 0.3% of the volume of soil removed from the site and less than 0.001% of the lead removed from the site, therefore, leaving this minimal amount of contamination behind should not be significant from an ecological perspective.

ERRS completed placing logs, stumps, boulders and native gravels and soils in place on the site to aide in erosion control, habitat, and revegetation and to limit public access to the excavation area.

ERRS conducted final maintenance on the access road and Striped Peak Trail, including placing a final layer of 5/8 inch minus gravel on the surface to return the road and trail to a suitable walking surface. ERRS also pressure-washed the staging area and graded the truck turnaround area.

START demobbed with the Mobile Command Post mid-day on Friday 10/29/2010. The OSC demobbed at the end of the day. ERRS finished cleaning equipment and demobbed Friday night and Saturday.

On 11/4/2010, ERRS purchased construction fencing and on 11/5/2010 DNR installed the fencing around the log deck that will remain on-site until DNR can remove it.

#### Planned Removal Actions

No further EPA action is planned.

#### Next Steps

Process analytical and field data.  
Prepare and disseminated Removal Action report.

#### Key Issues

None.

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$400,000.00	\$312,061.00	\$87,939.00	21.98%
START	\$100,000.00	\$48,000.00	\$52,000.00	52.00%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$500,000.00</b>	<b>\$360,061.00</b>	<b>\$139,939.00</b>	<b>27.99%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

#### Disposition of Wastes

An estimated total of 1095 tons of lead-contaminated soil was from site as of October 28, 2010.

[response.epa.gov/saltcreekpark](http://response.epa.gov/saltcreekpark)

POLREP #4 Last Updated 11/5/2010