

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

**Date:** Friday, August 26, 2005

**From:** Calvin Terada

**To:** Michael LaScuola, Spokane County Health Dept  
Sherman Spencer, Dept of Ecology

Bruce Carpenter, Herrera Environmental  
Barbara Trejo, WA Dept of Health

**Subject:** Initiation of Action - Assessment  
Euclid Road Ground Water Site  
22901 W Euclid Avenue, Reardan, WA  
Latitude: 47.6853000  
Longitude: -117.7244000

<b>POLREP No.:</b>	1	<b>Site #:</b>	
<b>Reporting Period:</b>	1 of 1	<b>D.O. #:</b>	
<b>Start Date:</b>	8/25/2005	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	8/25/2005	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Assessment
<b>CERCLIS ID #:</b>	WAN0011002626	<b>Contract #</b>	
<b>RCRIS ID #:</b>			

**Site Description**

On 8/24/2005, EPA received information about two private drinking water wells near Reardan, Washington that contained unusually high levels of Trichloroethene (TCE), a commonly used solvent.

The TCE was discovered during a Preliminary Assessment and Site Inspection of a former Air Force Nike Missile Battery in the area. Based on the results of the sampling that took place during the Preliminary Assessment and Site Inspection, two domestic private wells showed TCE levels between 15 to 30 times over the drinking water standard of five parts per billion.

Based on this finding, EPA immediately dispatched an OSC and START contractors to take further water samples from the affected residences and neighboring area.

**Current Activities**

As of 8/28/2005, additional ground water samples are being collected to determine the extent of the contamination and for possible sources. To date, 22 samples have been taken from nearby residences of the affected area and those surrounding the Nike launch area. This additional search has lead to the discovery of additional private well with TCE contamination. A total of three homes (two currently occupied and one vacant) have now been affected.

Currently, no source of the TCE has been found.

**Planned Removal Actions**

Providing a treatment alternative or bottled water is being considered at this time. The Removal Action Level for TCE in water with emphasis for sensitive receptors (children) is being discussed with EPA and other toxicologists.

**Next Steps**

This effort will move into two directions from this point. First, an alternative drinking water supply or treatment method is being investigated. Second, additional characterization of the contaminated ground water and potential sources are being discussed.

**Key Issues**

Main issue is to eliminate further exposure of families occupying homes affected by TCE in the ground water. An alternative drinking water supply is critical piece. In addition, developing a short-term ground water monitoring project is needed to track the movement of the contaminated ground water and ensure

that other homes are not affected in the future. If possible, further investigation in the identification of a possible source of TCE will be attempted.

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
RST/START	\$20,000.00	\$0.00	\$20,000.00	100.00%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$1,000.00	\$0.00	\$1,000.00	100.00%
<b>Total Site Costs</b>				
	\$21,000.00	\$0.00	\$21,000.00	100.00%

\* 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.

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

POLREP #1 Last Updated 11/2/2005