

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

Date: Wednesday, November 2, 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: Drinking Water Treatment System Install
Euclid Road Ground Water Site
22901 W Euclid Avenue, Reardan, WA
Latitude: 47.6853000
Longitude: -117.7244000

POLREP No.:	2	Site #:	
Reporting Period:	8/25/2005-11/02/2005	D.O. #:	
Start Date:	8/25/2005	Response Authority:	CERCLA
Mob Date:	8/25/2005	Response Type:	Emergency
Demob Date:	11/11/2005	NPL Status:	Non NPL
Completion Date:	11/11/2005	Incident Category:	Removal Assessment
CERCLIS ID #:	WAN0011002626	Contract #	
RCRIS ID #:			

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

Drinking water treatment systems that use activated carbon filters were installed in two of the three affected homes. Connection of the third home to the treatment system is delayed due to lack of electricity to the pump house. Once the homeowner provides an adequate electrical supply to the pump house, the third treatment system will be installed.

Planned Removal Actions

Due to the lack of information regarding a potential responsible party and/or location regarding the source of the ground water contamination, five monitoring wells will be installed to further characterize the contamination. Once the monitoring wells are installed, long term ground water sampling and monitoring will be conducted by the Spokane County Health Department with coordination with the Washington Department of Ecology.

Next Steps

Five monitoring wells will be installed within a short distance away from the former government well. Both up and down gradient monitoring wells will be installed to further characterize the ground water contamination. EPA is exploring with the County, State, and others to develop a plan to conduct long-term ground water monitoring for this area.

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.

response.epa.gov/EuclidRoad