

United States Environmental Protection Agency
Region VII
POLLUTION REPORT

Date: Thursday, July 27, 2006

From: Randy Schademann

Subject: Initiation of Action

West Hwy 6 and Hwy 281
1900 Summit Avenue, Hastings, NE
Latitude: 40.5718700
Longitude: -98.4081100

POLREP No.:	1	Site #:	
Reporting Period:		D.O. #:	
Start Date:	7/17/2006	Response Authority:	CERCLA
Mob Date:	7/17/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	NEN000704738	Contract #	
RCRIS ID #:			

Site Description

The Site is located at 1904 Summit Avenue in Hastings West Industrial Park on the southwestern outskirts of Hastings, Nebraska. Between 1978 and 2002 Dana Corporation utilized chlorinated solvents, including tetrachloroethene (PCE), during manufacturing processes at its Hastings facility.

In 1997 a sample from Hastings Municipal Well No. 13, located approximately 800 feet south-southeast of the former Dana Corp. facility, contained PCE at 17 micrograms per liter (Φ g/L). The Safe Drinking Water Act Maximum Contaminant Level MCL for PCE is 5 ug/L. The well was subsequently taken off line. Municipal Well No. 14, located approximately 1 mile east-southeast of the former Dana facility, was found to contain 7.3 Φ g/L of PCE in 2004. Other commercial and private wells in the vicinity have been found to contain PCE above the MCL.

Numerous on-site investigations have been completed at the former Dana Corporation facility between 1998 and the present including a Preliminary Assessment/Site Investigation (PA/SI) completed by the Nebraska Department of Environmental Quality in June 2005.

Current Activities

The general objective of the action is the U.S. Environmental Protection Agency's (EPA's) assumption of operation of existing soil vapor extraction (SVE) and ground water extraction systems. Activities included in this action will include assessment of the systems—including enhancements or system modifications, scheduled sampling to determine efficiency and effect, operational costs of the systems (i.e., electricity, gas, water), and daily systems checks.

Planned Removal Actions

During the week of July 17, 2006, the SVE system was reactivated (the groundwater pumping system had remained operational), samples collected from the SVE and groundwater system and associated monitoring wells, and DPT samples collected to determine whether the existing groundwater extraction wells were controlling the plume.

Next Steps

Preliminary analysis of the data from the week of July 17 indicate an area where the plume may be migrating off site. After the final data are available, additional sampling may be required to determine whether additional extraction wells are required.

Daily system checks and quarterly sampling will continue.

Key Issues

Coordination with the state and EPA's remedial program.

