

**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

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

#### **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 ( $\Phi$ 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  $\Phi$ 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.

