United States Environmental Protection Agency
Region VII
POLLUTION REPORT

Date: Thursday, March 29, 2007
From: Randy Schademann

To: Owens Hull, EPA

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

POLREP No.:	2	**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, the 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 Corporation facility, contained PCE at 17 micrograms per liter (µg/l). The Safe Drinking Water Act maximum contaminant level (MCL) for PCE is 5 µg/l. The well was subsequently taken off-line. Municipal Well No. 14, located approximately 1 mile east-southeast of the former Dana Corporation facility, was found to contain 7.3 µg/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 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 the operation of existing soil vapor extraction (SVE) and groundwater 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, and water), and daily systems checks.

Between July 2006 and March 2007, the removal program has conducted the following activities:

— Continued quarterly sampling of the monitoring well network.

— Installed a new pump and hydrant (for sampling access) to extraction well RW4 (October 2006).

— Installed a discharge pipe from the treatment building (housing the SVE) to an on-site pond (November 2006).

— Installed an air stripper to treat the groundwater from the four extraction wells (RW1-RW4). Also disconnected the catalytic oxidation and scrubber from the SVE system as levels of contaminants were below NDEQ regulations and maintenance of the scrubber had become an issue (February 2007).

— Excavated sediment from on-site pond to augment recharge to the underlying aquifer (March 2007).

— Initiated groundwater extraction system so groundwater is now being treated with the air stripper, and

the treated water is pumped to the on-site pond.

Planned Removal Actions

From the removal program's perspective, the site is on a maintenance program. Regular sampling of the monitoring network, SVE, and groundwater extraction system will continue.

Next Steps

The remedial program will conduct field work this summer to more fully characterize the extent of contamination as part of the RI/FS. That data will be utilized to determine whether additional extraction wells are needed. In addition, the pond may not have the capacity to continually receive the treated water. In that event, an injection well may be required.

Key Issues

None.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$125,000.00	$90,000.00	$35,000.00	28.00%
RST/START	$70,000.00	$60,000.00	$10,000.00	14.29%
Intramural Costs				
USEPA - Direct (Region, HQ)	$50,000.00	$8,000.00	$42,000.00	84.00%
Total Site Costs	$245,000.00	$158,000.00	$87,000.00	35.51%

* 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/Danacorp

POLREP #2 Last Updated 5/4/2009