

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
West Hwy 6 and Hwy 281 - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VII

Subject: POLREP #6
West Hwy 6 and Hwy 281

Hastings, NE
Latitude: 40.5718700 Longitude: -98.4081100

To:

From: Randy Schademann, OSC

Date: 11/30/2010

Reporting Period: April through November 2010

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type: Time-Critical
Response Lead: EPA	Incident Category: Removal Action
NPL Status: NPL	Operable Unit:
Mobilization Date: 7/17/2006	Start Date:
Demob Date:	Completion Date:
CERCLIS ID: NEN000704738	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Time-critical, fund-lead removal action.

1.1.2 Site Description

Between 1978 and 2002, Dana Corporation utilized chlorinated solvents, including tetrachloroethene (PCE), during manufacturing processes at its Hastings facility.

1.1.2.1 Location

The Site is located at 1904 Summit Avenue in Hasting's West Industrial Park.

1.1.2.2 Description of Threat

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 (ug/L). Municipal Well No. 14, located approximately 1 mile east-southeast of the site, was found to contain 7.3 ug/L of PCE in 2004. Other commercial and private wells in the vicinity were found to contain PCE above the MCL of 5 ug/L.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

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 and a Removal Assessment completed by the EPA in July 2007.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The objective of the current Action Memorandum is EPA's assumption of the existing soil vapor extraction (SVE) and ground water extraction systems.

2.1.2 Response Actions to Date

Work performed during the period from April 2010 until November 2010 include:

- Quarterly sampling of the SVE and ground water networks.
- Near daily systems checks.
- Replaced blower unit on SVE.
- During the winter of 2009/2010 some of the plants water pipes froze. Plumbing was conducted to bypass the affected sections.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

The following removal metrics occurred between July 20, 2006, and August 4, 2010.

<i>Wastestream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
<i>Soil vapor and ground water</i>	<i>Vapor and ground water</i>		NA	1216 pounds removed	NA

2.2 Planning Section

2.2.1 Anticipated Activities

Continued daily systems checks and maintenance of the system. Samples will be collected from the recovery systems and from the monitoring well gallery on the quarter. It is now anticipated that the removal program will continue operation until the fall of 2011.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

2.3 Logistics Section

A sub to the START contract performs the daily system checks. Typically two START members and the OSC are present during quarterly sampling of the SVE and ground water systems.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Health and safety briefings are held during the quarterly sampling events. No health and safety issues have been identified at this time.

2.6 Liaison Officer

The limited scope of this removal action does not warrant a Liaison Officer.

2.7 Information Officer

2.7.1 Public Information Officer

The limited scope of this removal action does not warrant a PIO.

2.7.2 Community Involvement Coordinator

A CIC has been identified. No activity occurred during this reporting period.

3. Participating Entities

3.1 Unified Command

The limited scope of this removal action does not warrant an IMT.

3.2 Cooperating Agencies

NDEQ, Hastings Utilities, and the City of Hastings are kept apprised of activities.

4. Personnel On Site

See Logistics Section.

5. Definition of Terms

None.

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information please refer to <http://www.epaosc.org/Danacorp>.

6.2 Reporting Schedule

Pol/Sitreps will be submitted on a quarterly basis.

7. Situational Reference Materials

None.