

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
PCE/TCE Northeast Contamination - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VII

Subject: POLREP #2
PCE/TCE Northeast Contamination
A7T6
York, NE
Latitude: 40.8868680 Longitude: -97.5929830

To:
From: Jason Heitman, OSC
Date: 12/27/2013
Reporting Period: 2/25/2011 to 12/27/2013

1. Introduction

1.1 Background

Site Number:	A7T6	Contract Number:	
D.O. Number:		Action Memo Date:	8/6/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/27/2010	Start Date:	10/27/2010
Demob Date:		Completion Date:	
CERCLIS ID:	NEN000706105	RCRIS ID:	
ERNS No.:		State Notification:	NDEQ Notified
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Incident Category: Time-Critical Removal Action

1.1.2 Site Description

1.1.2.1 Location

The York Northeast Groundwater site is located near the intersection of North Lincoln Avenue and 25th Street. North Lincoln Avenue is the east-west division for city streets in York. The geographic coordinates for the intersection are 40.886868 degrees north latitude and 97.592983 degrees west longitude. The site includes an industrial area to the west of the intersection and extends southeastward into a residential area, encompassing portions of Sections 25 and 36 of Township 11 North, Range 3 West; Sections 29, 30, 31, and 32 of Township 11 North, Range 2 West; Sections 5 and 6 of Township 10 North, Range 2 West; and Section 1 of Township 10 North, Range 3 West. Prior to about 2005, when a bypass west of York was completed, North Lincoln Avenue had been designated as U.S. Highway 81, and West 25th Street as Nebraska Highway 34.

1.1.2.2 Description of Threat

In March 2010, the Nebraska Department of Environmental Quality referred the York Northeast Groundwater site to the EPA Region 7 for a removal action. Prior to referral, NDEQ conducted a Site Inspection (SI) and Expanded Site Inspection (ESI) at the Site. NDEQ's initial actions were based in part on a letter from a York citizen expressing concern about TCE contamination in local private drinking water wells.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The SI found TCE and PCE exceeding benchmark levels in untreated water samples from five private drinking water wells on East Avenue, E. 19th Street, and N. Delaware Avenue. TCE concentrations exceeded the 5 µg/L MCL and Nebraska's Voluntary Cleanup Program (VCP) Remediation Goals (RG) at three of these locations. The site was referred to EPA for a removal action, and EPA sampled these wells in March 2010. Two additional residences were also sampled at this time. TCE was detected at 53 µg/L at one residence where 45.5 µg/L had been detected during the SI/ESI in January 2010. At four other residences, TCE was detected at concentrations between 3.3 and 9.6 µg/L. CCl4 was detected at 5.5 µg/L in one well located about 1 mile southeast of the former CCC/USDA facility (north of the TCE-impacted wells). Where detected, PCE concentrations in these wells ranged from 0.85 to 2 µg/L.

Additional sampling by EPA in 2010 identified two wells on Road 13 between Roads N and O that contained TCE. One of these wells contained TCE at 1.3 µg/L. The other well contained TCE at 6.5 µg/L.

2. Current Activities

2.1 Operations Section

2.1.2 Response Actions to Date

As part of a removal action, six residences that had TCE and/or PCE concentrations exceeding the MCL have been provided with alternate drinking water.

The following residences were connected to the York PWS:

1914 North Delaware Street
2224 North East Avenue

The following residences were supplied with whole-house filtration systems:

901 East 19th Street
1111 East 19th Street
1512 Road 13
2200 North Delaware Street

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

Based on previous investigations, including a site inspection (SI) conducted in early 2010, the most likely source areas were at either Kroy Building Products (KBP), which manufactures polyvinyl chloride (PVC) fencing, or at Kroy Industries, Inc. (Kroy), which manufactures aluminum tubing and fittings. In the early 1990s, these now-separate facilities were a single facility identified as Kroy Industries, a subsidiary of Alcan Pipe, a division of Alcan Aluminum Corporation (Kroy/Alcan) producing both aluminum and PVC pipe. Alcan purchased the facility in 1988. It previously had been Kroy Metal Products Inc., which had been in operation since 1956. These facilities are located at the northwest corner of West 25th Street and North Division Avenue in northwestern York, Nebraska.

In mid 2011, an Expanded Site Investigation (ESI) was performed by NDEQ to try and further identify the source area for the Site. Based on results of the ESI sampling, the likely source area for the contamination identified at the Site is the area under or around production areas at Kroy Industries where solvents were used. TCE, PCE and other solvents likely traveled through cracks, seams, drains or other pathways through the concrete building slab and migrated to the groundwater below.

2.2 Planning Section

2.2.1 Anticipated Activities

EPA Region 7 may perform further sampling of private drinking water wells at the Site if requested by local citizens.

2.2.1.1 Planned Response Activities

Alternate water provision will be offered to residences whose wells exceed an MCL for contaminants identified at the site.

2.2.1.2 Next Steps

In December 2013, the site was proposed for listing on the National Priorities List. Assuming that the site is listed on the National Priorities List, next steps will be coordinated by the EPA Region 7 Superfund Remedial Program.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

2.7.2 Community Involvement Coordinator

The EPA Community Involvement Coordinator for the Site is Belinda Young. An EPA Fact Sheet has been created for the site, and has been distributed to local residents, congressionals and local officials.

The administrative record for the Site is available for review at the Kilgore Memorial Library, 520 Nebraska

Avenue, York, NE 68467.

On December 17, 2013, EPA hosted a public availability session at the York public library. The purpose of the meeting was to announce the public comment period for the proposed listing of this site. Approximately 12-15 local citizens were in attendance, including EPA and NDEQ personnel.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

EPA Region 7 has been coordinating with NDEQ and the city of York on this Site.

4. Personnel On Site

Not applicable.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

Total Wells Sampled	21
Sampled Wells > RAL for TCE	5
Sampled Wells > RAL for CCl4	2
Total Filtration Systems Installed	4*
Total Water Lines Installed	2

* One property owner with CCL4 above the RAL refused a filtration system from the EPA. The sample at this residence was 5.5 micrograms per liter. The RAL is 5.0 micrograms per liter.