

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Compass Plaza Well TCE Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VII

Subject: POLREP #5
Compass Plaza Well TCE Site
A7W2
Rogersville, MO
Latitude: 37.1169950 Longitude: -93.0557343

To:
From: Doug Ferguson, OSC
Date: 3/4/2013
Reporting Period: 8/6/12-3/4/13

1. Introduction

1.1 Background

Site Number:	A7W2	Contract Number:	
D.O. Number:		Action Memo Date:	7/21/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	
Mobilization Date:	8/16/2010	Start Date:	8/16/2010
Demob Date:		Completion Date:	
CERCLIS ID:	MON000706143	RCRIS ID:	
ERNS No.:		State Notification:	MDNR
FPN#:		Reimbursable Account #:	

1.1.1 Site Description

In March 2010, the Missouri Department of Natural Resources (MDNR) Public Drinking Water Branch (PDWB) found trichloroethylene (TCE) in two non-community wells and an irrigation well on the western edge of Rogersville, Missouri. MDNR's Superfund Section initiated a combined Preliminary Assessment/Site Investigation (PA/SI) integrated Removal Site Evaluation (RSE) on March 24, 2010. Initial sampling events found 13 of the 100 wells sampled have detectable concentrations of TCE.

Five drinking water wells within that sampling group have TCE concentrations above the maximum contaminant level (MCL) of 5 parts per billion (ppb). Of these 5 residences, four have whole house granulated activated carbon filtration systems and one has had a new drinking water well installed. Whole house treatment systems were installed at 5352 South Farm Road 247, 5480 South Farm Road 247, 9372 East Farm Road 186 and 5660 South Farm Road 247. A new well was constructed at 10074 East Farm Road 186 due to the high concentrations of TCE in the old well and the closing of the old well to prevent further potential contamination the aquifer.

The source of the TCE release is unknown at this time. MDNR requested the EPA provide an alternate water supply to households drinking contaminated water. The EPA plans to continue the well water and source assessment work at the site.

The EPA has returned to the site numerous times to sample wells in the area. Currently, there has been one additional detection of TCE (concentration was below the MCL) other than in the wells where TCE was originally detected.

The site has now been added to the National Priorities List and sampling has been transitioned to the EPA Remedial Program. The new site contact is Tonya Howell who can be reached at 913-551-7589.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

There have been 506 wells sampled as of the last sampling event in November 2012. The EPA sampled 41 private wells the week ending November 16, 2012. No new wells were found to contain TCE.

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

The source of the contamination has not been determined, but sampling efforts to find the source will

continue.

2.1.3 Progress Metrics

<i>Wells Sampled</i>	<i>TCE Detections</i>	<i>Wells Above MCL</i>	<i>Wells Left to Sample</i>
506	15	5	0

2.2 Planning Section

2.2.1 Anticipated Activities

The EPA will continue to sample wells in the area. To date, approximately 506 of the 557 wells within a four mile radius of the initial area of detection have been sampled.

2.2.1.1 Planned Response Activities

The EPA will continue to install water treatment systems on residential drinking water wells with concentrations of TCE that exceed the MCL.

2.2.1.2 Next Steps

The EPA will continue, where necessary, to offer water treatment systems to residences that meet the response action criteria (i.e., MCL exceedance) as a result of future sampling events. Drinking water well sampling will continue through the EPA Remedial Program.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Missouri Department of Natural Resources
Greene County
Agency for Toxic Substances and Disease Registry

4. Personnel On Site

Superfund Technical Assistance and Response Team (START)
Greene County Resource Management-Danny Tavares

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.dnr.mo.gov/env/hwp/sfund/rogersville.htm>

6.2 Reporting Schedule

7. Situational Reference Materials

No information available at this time.