

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Wedron Ground Water - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #5
 Progress
 Wedron Ground Water
 C5B8
 Wedron, IL
 Latitude: 41.4370048 Longitude: -88.7745317

To: Rick Karl, USEPA
 Douglas Ballotti, USEPA

From: Steven Faryan, On-Scene Coordinator

Date: 5/28/2014

Reporting Period: 10/26/2013-5/28/2014

1. Introduction

1.1 Background

Site Number:	C5B8	Contract Number:	EP-S5-09-05
D.O. Number:	0090	Action Memo Date:	11/16/2012
Response Authority:	CERCLA/OPA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	2/4/2013	Start Date:	2/14/2013
Demob Date:		Completion Date:	
CERCLIS ID:	ILN005510677	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA time critical removal action. USEPA provided bottled water to residents with impacted groundwater (benzene contamination) in their residential wells until an alternate water source (deep wells) could be provided to the residents. US EPA, IEPA, and PRPs, are conducting an investigation to determine the source of the contamination.

1.1.2 Site Description

A mixed rural, residential and industrial area where 14 private residences have levels of benzene above or near the drinking water standard of 5 parts per billion. Bottled water was provided to the residents during the duration of removal until and alternate water source could be provided by drilling replacement residential wells.

Location

The town is made up of 40 residential homes in Wedron, LaSalle, Illinois. The town is unincorporated, so

there is no local government, water, or sewer department. All of the homes and industrial locations use private wells and septic systems. The town borders the Wedron Silica Plant now owned by Fairmont Minerals and Lockheed Martin formerly, which operates a silica mine, drying and screening process, laboratory, and Technisand plant that coats sand with a phenolic resin. This coated sand is used in Hydraulic Fracturing (fracking) of natural gas and oil wells. The Wedron and Dayton Grain facility operated along right of Way owned by Illinois Railtracks and Three underground storage tanks have been removed since August of 2012 along the right of way. An Amoco Oil (British Petroleum) bulk terminal operated along the Illinois RR Right of Way and was located at the north end of WD Grain facility. The Hoxsey Store and Gas station operated as a gasoline filling station into the late 1970's when the store burned to the ground. IEPA has been investigating the soil and ground water contamination at the Hoxsey property.

1.1.2.2 Description of Threat

The chemical constituents that have been identified include: Benzene, Ethylbenzene, toluene, xylenes (BTEX) and other volatile organics have been detected in private wells above the Maximum Concentration Levels (MCL's)

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The site investigation is being conducted under the order began in November 2013 at the Wedron Silica and Technisand property and on the Illinois Railtracks property and BP (formerly Amoco Bulk Terminal). The investigations have been completed and final reports are being reviewed by USEPA. Wedron Silica has not yet submitted the final report and this is due when all the results are received and finalized.

IEPA has completed their investigation on the Hoxsey property and the final report is posted in the document section of the web site.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

In November and December of 2013, EPA conducted additional rounds of residential water sampling. Some of the sampling was done at the request of residents when they became aware of groundwater contamination in the vicinity, and some was done to verify that filters or alternate water supplies were effective at delivering clean water.

In December 2013, EPA oversaw the investigation of additional sub-surface anomalies along the Illinois Railroad right of way. The investigation consisted of excavating identified anomalies and sampling sub-surface soil at agreed upon locations. EPA collected split soil samples from some of the intervals sampled by the Illinois Railroad contractors.

In January and February of 2014, EPA oversaw the investigation centered around the former Amoco bulk plant, which is now owned by BP, who led the investigation. The investigation consisted sampling sub-surface soil at agreed upon locations. EPA collected split soil samples from some of the intervals sampled by the BP contractors.

In March and April of 2014, EPA oversaw the installation of four monitoring wells north of the Wedron Silica property, and EPA also sampled these wells. EPA also sampled IEPA and EPA installed monitoring wells.

In May of 2014, EPA oversaw additional investigation of a location on the Wedron Silica property where AST's had been located. Previous sampling indicated detectable VOC contamination at the locations, and this part of the investigation centered on further delineation. EPA collected a split sample during the work.

Also in May of 2014, EPA oversaw the investigation of sub-surface soil and temporary monitoring well sampling at the Technisand property.

Finally, in May 2014, EPA connected four residences that use the same well to a carbon filtration system. The water at these residences have detectable benzene levels very near, but not above the EPA MCL. The carbon filter will clean the water, and EPA will continue to monitor benzene levels before and after the carbon filters.

1.2 Response Actions to Date

See previous POLREPs

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

US. EPA has indentified multiple potential responsible parties and has issued Information requests to the complany's

The Agency is overseeing groundwater and soil investigations by BP, Illinois Railway, Technisand, and Wedron Silica Company, Fairmont Minerals, and Lockheed Martin as agreed through Administrative Orders on Consent (AOCs) with the companies. The AOCs are available on the USEPA webpage under Technical Documents. USEPA held a public meeting in Wedron on December 4 2013, and April 23, 2014 to discuss further investigation by the Potentially Responsible parties and to discuss the private well results with the affected residents. Results of the investigations will be made available on the web sites and the residents of Wedron will be briefed on the investigation results at the next public meeting which is planned in August of 2014.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Solidified Drillers Mud	Solid	12 Tons	001		Republic Servies, Inc., Ottawa, IL
Solidified Drillers Mud	Solid	12 Tons	002		Republic Servies, Inc., Ottawa, IL
Solidified Drillers Mud	Solid	10 Tons	003		Republic Servies, Inc., Ottawa, IL
Waste Water from drilling operations	Liquid	9500 gallons			Ottawa, IL POTW

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

- Perform oversight of PRP activities

2.2.2 Issues

Other residents of Wedron are concerned that their wells will become contaminated and want to have their wells sampled yearly and the opportunity to hook into an alternate water supply . After this date LaSalle County Health Department will collect private well samples and will utilize the IEPA lab in Springfield, Illinois for the analysis.

2.3 Logistics Section

NA

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$440,000.00	\$391,000.00	\$49,000.00	11.14%
START	\$170,000.00	\$170,000.00	\$0.00	0.00%
Intramural Costs				
USEPA - Direct	\$25,000.00	\$23,975.00	\$1,025.00	4.10%
USEPA - InDirect	\$2,550.00	\$0.00	\$2,550.00	100.00%
Total Site Costs				
	\$637,550.00	\$584,975.00	\$52,575.00	8.25%

* 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.

2.5 Other Command Staff**2.5.1 Safety Officer****2.5.2 Liaison Officer****2.5.3 Information Officer**

Heriberto Leon USEPA CIC has completed the Community Involvement Plan and has planned and coordinated the 7 community meetings that have been conducted for the Wedron residents.

3. Participating Entities**3.1 Unified Command**

NA

3.2 Cooperating Agencies

Illinois Environmental Protection Agency
 Illinois Department of Public Health
 LaSalle County Health Dept.
 LaSalle County Highway Dept.
 Dayton Township

4. Personnel On Site

No Personnel on site at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information**6.1 Internet location of additional information/report**

www.epa.gov/region5/cleanup/wedron

6.2 Reporting Schedule

Additional POLREPS will be issued as needed.

7. Situational Reference Materials

No information available at this time.