

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
Wedron Ground Water
C5B8
Wedron, IL
Latitude: 41.4370048 Longitude: -88.7745317

To: Rick Karl, USEPA
Sam Borries, USEPA
Douglas Ballotti, USEPA

From: Steven Faryan, On-Scene Coordinator

Date: 5/15/2012

Reporting Period: 3/9/2012 to 5/15/2012

1. Introduction

1.1 Background

Site Number:	C5B8	Contract Number:	EP-S5-09-05
D.O. Number:	0090	Action Memo Date:	
Response Authority:	CERCLA/OPA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	12/14/2011	Start Date:	12/14/2011
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA incident category: U.S. EPA is providing bottled water to residents that have impacted groundwater to residential wells. US EPA is conducting investigation to determine the source of the contamination.

1.1.2 Site Description

A mixed rural, residential and industrial area with 4 private residents that have had levels of benzene at or near the drinking water standard. These residents have been placed on bottled water temporarily. U.S. EPA has begun an investigation to determine the source of the ground water contamination. A full investigation will be conducted in the early summer of 2012 to determine where the source of the contamination is and identify a PRP. Vapor Intrusion sampling will be conducted in the homes that are showing benzene contamination in the drinking water. Additional residents will be sampled in the Wedron area as needed.

1.1.2.1 Location

Privately owned residential homes in Wedron, LaSalle, IL. The Wedron Silica Plant has sampled three of their wells that are owned by the company.

1.1.2.2 Description of Threat

The chemical constituents that have been identified include: Benzene, Ethyl Benzene and Toluene and naphthalene.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

U.S. EPA was referred this ground water contamination site by IEPA Bruce Everetts in December of 2011. Two homes had previously been identified in a sampling effort by IEPA and IDPH in November 10, 2011. Four homes to date have been identified as having benzene levels at or near the drinking water standard and the residents have bottled water being provided by USEPA. USEPA has searched past records, interviewed witnesses and residents and has identified multiple potential sources of the contamination. A full scale ground water investigation will be conducted in the Summer of 2012 to determine the source of the contamination and identify a PRP.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

U.S. EPA and START collected two private well samples on December 14, 2012 at the referral locations. The samples both came back with levels of Benzene over the Maximum Concentration level (MCL) which is

also the Removal action level. These two residents are currently being provided bottled water. U.S. EPA and START collected two additional private well samples on Jan 30, 2012. U.S. EPA, START and LaSalle County Health Department collected 6 residential well samples on March 23, 2012. USEPA and START collected 3 samples on April 12, 2012 and one additional sample on May 2. A total of 4 residential wells have been determined to be near or above the drinking water standard for Benzene and the residents are being provided bottle water by USEPA.

2.1.2 Response Actions to Date

Additional water sampling of residential wells was conducted by U.S. EPA and START on March 23, April 12, and May 2, 2012.

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

- 1) Doyle Hoxley Site (IEPA site)
- 2) Former Junk Yard one block from the site
- 3) Burlington Northern Train Derailment (happened many years ago 2 blocks from site- fuel was lost)
- 4) Wedron Silica and former WD Grain Property
- 5) Former Go Cart Manufacturer 3466 E. 2062 Rd. Wedron

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

Preparation of an Action Memorandum to fund providing a deeper well or whole house treatment systems for affected residents.

Conduct a ground water investigation in early summer to determine source of the contamination and ground water flow.

Additional residential wells will be sampled as necessary.

Conduct vapor intrusion sampling in the homes in the affected area.

2.2.1.1 Planned Response Activities

Additional residential well sampling at homes in town as needed or requested Conduct vapor intrusion sampling inside the homes in the affected area.

Conduct ground water investigation to determine the source of the contamination.

2.2.1.2 Next Steps

Prepare and submit an Action Memorandum to provide an alternate water supply or whole house filters for the affected residents. One option includes a deeper well as a source for residential water supply. Also, whole house carbon and air stripping treatment units to remove the Volatile Organic compounds could be utilized.

2.2.2 Issues

The township operates a deep well at Thompson Park which was installed by Wedron Silica. USEPA has requested that the Township consider utilizing the well to provide water to the 4 affected residents. The Township has said no to the proposal based on "potential Liability". USEPA will continue to pursue this option.

2.3 Logistics Section

There is two Task Orders for START. One for the investigation and one for the analytical costs.

The Task Order opened with ER LLC for \$2,000 is for providing bottle water and was given with Verbal Approval by Acting Branch Chief Charles Gebien on 12/14/11.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$2,500.00	\$1,323.00	\$1,177.00	47.08%
START	\$30,000.00	\$20,100.00	\$9,900.00	33.00%
Intramural Costs				

Total Site Costs	\$32,500.00	\$21,423.00	\$11,077.00	34.08%
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* 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

NA

2.5.2 Liaison Officer

NA

2.5.3 Information Officer

NA

3. Participating Entities

3.1 Unified Command

NA

3.2 Cooperating Agencies

IEPA

IDPH

LaSalle County Health Dept.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

IDPH - Illinois Department of Public Health

IEPA - Illinois Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

6.2 Reporting Schedule

Additional POLREPS will be issued as needed.

7. Situational Reference Materials

No information available at this time.

POLREP #2 Last Updated 5/15/2012