

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
McCutchenville Gasoline Release - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Initial POLREP
McCutchenville Gasoline Release
Z5MS
McCutchenville, OH
Latitude: 40.9940780 Longitude: -83.2571620

To: Jason El-Zein, U.S. EPA
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From: Jon Gulch, On-Scene Coordinator

Date: 2/7/2014

Reporting Period: February 7, 2014

1. Introduction

1.1 Background

Site Number:	Z5MS	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	2/7/2014	Start Date:	2/7/2014
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E14503	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

Gasoline station leaking fuel into a storm sewer system in McCutchenville, Ohio.

1.1.2.1 Location

Route 53 Service, LLC, 8910 State Route 53, McCutchenville, Seneca County, Ohio 44844
Latitude: 40.994078 Longitude: -83.257162

1.1.2.2 Description of Threat

Gasoline in a storm sewer and causing a sheen in Thorn Run Ditch, which is a tributary to the Sandusky River. Petroleum in sewer system is causing elevated readings of volatile organic compounds (VOCs) in residential properties.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Elevated levels of VOCs (benzene) in storm drains in residential properties, gasoline in monitoring wells and storm drains at the station, and a petroleum sheen in Thorn Run Ditch.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On Wednesday, February 5, 2014, EPA was contacted by Ohio EPA (OEPA) regarding a release of gasoline from a Gasoline Service Station in McCutchenville, Seneca County, Ohio. The gasoline caused odors in thirty-four (34) residential properties that lead to self evacuations of residents. The local fire department performed air monitoring to assess VOCs in residential properties. OEPA oversaw flushing of the storm sewer system, which resulted in a lowering of VOC readings in the residential properties. Based on the lowered readings, all residents returned to their homes for the night.

On Thursday, February 6, 2014 at approximately 2330, seven (7) residents again reported gasoline odors in homes and self evacuated. The local fire department again performed air monitoring and contacted OEPA.

On Friday, February 7, 2014 at approximately 0500, OEPA asked for assistance from EPA to conduct air monitoring and assist with the responsible party (RP) investigation.

2.1.2 Response Actions to Date

Residential Indoor Air Monitoring & Groundwater Well Sampling

At approximately 1050, EPA & the Superfund Technical Assistance and Response Team (START) contractor arrived on-site and met with representatives with the OEPA, Ohio Bureau of Underground Storage Tank Release (BUSTR) and the McCutchenville Fire Chief to determine the current status of the release. EPA issued the gasoline station owners a Notice of Federal Interest (NOFI), which was subsequently signed by the owner.

At 1200, START and McCutchenville Fire Department (McCFD) personnel began to screen residential dwellings along State Routes 587 and 53 to determine the concentration of benzene, VOCs and lower explosive limit (LEL). For indoor air monitoring, the Agency for Toxic Substance and Disease Registry (ATSDR) and local health departments established an action level of 0.01 parts per million (ppm) for benzene. The concentration of benzene on the first floor levels were found to be 0.00 ppm in each of the seven (7) houses which were screened. In all but one of the homes, the benzene concentration in the basement was 0.00 ppm. The highest benzene concentrations in the basement of one home was 1.15 ppm. Screening of floor drains in two (2) of the homes had elevated concentrations of benzene. EPA recommended to affected homeowners that they purge their floor drains with water and EPA would return to collect additional indoor air readings.

From 1500-1800, START & McCFD expanded the indoor air screenings to thirteen (13) homes along State Routes 587 and 53. In all of the homes, the concentrations of benzene on the first floor and basement levels of the dwellings were 0.00 ppm. Screening results indicated that two (2) dwellings had readings of 0.05 ppm and 0.9 ppm benzene. EPA recommended further purging of drains with water to clear vapors from floor drains. At 1915, START & McCFD gain access to an additional home on State Route 53. Indoor air screening results indicated that a benzene concentration of 0.15 ppm on the first floor, 0.35 in the basement and 0.5 ppm in storm drain sump area. Based upon the indoor air monitoring results for this home, the dwelling was vented and a plastic vapor barrier was placed over the sump. While air monitoring investigation was on-going, the RPs consultant, BJAAM Environmental (BJAAM) collected groundwater well samples from thirteen (13) of the residential dwellings for volatile organic compound (VOC) and MTBE analysis. EPA will continue to conduct additional air monitoring of affected homes throughout the nighttime hours and into the morning of February 8, 2014.

Product Recovery Operations

The RPs contractor, Environmental Resources Services, Inc. (ERS) used a vacuum truck to collect product from catchbasins at and downstream of the gasoline station. In addition, they conducted a camera survey of one of the storm water drains in order to determine where the product was entering the storm drain. The results of the camera survey were inconclusive. Further camera surveys of the storm lines will be conducted on February 8, 2014. BJAAM initiated a review of the electronic data from the station's Veeder Root system and initiated a tightness test of the underground storage tank (UST) and associated piping to determine the location of the leak in the UST system

At 2130, vacuum truck operations recommenced when product was found in a storm water catchbasin, downstream from the service station. Vacuum truck operations would continue as necessary during the nighttime hours.

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

The RP has been issued a Notice of Federal Interest (NOFI). The NOFI was issued to Route 53 Service, LLC, Raman Khaia (Co-Owner) and Sam Singh (Co-Owner).

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

- Stop the flow of gasoline from the gas station to the storm sewer system.
- Continue monitoring and venting the residential properties to remove elevated benzene readings.
- Sample the residential properties to obtain health data for the local, State and ATSDR.

2.2.1.1 Planned Response Activities

- Remove threat of release from the gasoline station.
- Perform air monitoring to determine the levels of benzene in residential properties.

2.2.1.2 Next Steps

- Continue RP Oversight.

2.2.2 Issues

- None.

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

On February 7, 2014, an FPN was opened by Phone Duty Officer Lall for \$20,000. Section Chief Clements increased the FPN to \$50,000.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$40,000.00	\$0.00	\$40,000.00	100.00%
Intramural Costs				
USEPA - Direct	\$5,000.00	\$0.00	\$5,000.00	100.00%
USEPA - InDirect	\$5,000.00	\$0.00	\$5,000.00	100.00%
Total Site Costs				
	\$50,000.00	\$0.00	\$50,000.00	100.00%

* 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

N/A

2.5.2 Liaison Officer

N/A

2.5.3 Information Officer

N/A

3. Participating Entities

3.1 Unified Command

EPA
OEPA
McCutchenville FD

3.2 Cooperating Agencies

ATSDR
EPA-ERT
Ohio EPA
McCutchenville FD
Tiffin FD
Fostoria FD
Seneca County HD
Wyandot County HD

4. Personnel On Site

EPA - 1
START - 2

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/McCutchenville_Gas

6.2 Reporting Schedule

N/A

7. Situational Reference Materials

N/A

POLREP #1 Last Updated 5/12/2014