

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Bloomfield Township Drum ER - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #1**
Bloomfield Township Drum ER
Pending
Novi, MI
Latitude: 42.5257200 Longitude: -83.4429100

To: Valencia Darby, Department of Interior
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From: Jeffrey Lippert, On-Scene Coordinator
Date: 4/17/2012
Reporting Period: 4/16/2012

1. Introduction

1.1 Background

Site Number:	Pending	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/16/2012	Start Date:	4/16/2012
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The Site is located within a wooded/grassy area along an easement for high-power powerlines. The Site is only accessible by a rural "two-track" dirt road. Sixteen drums and three 300-gallon totes were dumped on the property.

1.1.2.1 Location

The site is located approximately 450 feet south of 14 Mile Road, 0.13 miles east of M-5 Highway. The nearest physical address is 39325 14 Mile Rd, West Bloomfield Charter Township, Oakland County, MI. The geographical coordinates of the Site are 42.525720 N latitude, -83.442910 W longitude. The area is made up of mixed commercial/residential properties.

1.1.2.2 Description of Threat

A total of sixteen 55-gallon drums and three 300-gallon totes were dumped within a wooded/grassy area along the easement for high-power powerlines. Nearly all of the drums and totes were on their sides and some showed signs of damage or had missing bungs. The containers appeared to have been in their current location of some time. Most of the drums and totes were weathered and only three had labels that were legible. The U.S. EPA (EPA) and START contractor mobilized to the site to conduct documentation, air

monitoring, and sampling of the dumped containers.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

N/A

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

Upon arrival to the site, EPA and START conducted air monitoring. A MultiRAE multi-gas meter was used to measure levels of carbon monoxide (CO), hydrogen sulfide (H2S), lower explosive limit (LEL), volatile organic compounds (VOC), and oxygen (O2) in air. All measures within the ambient air at the site did not exceed background levels for CO, H2S, LEL, VOC, or O2. In addition, a Ludlum MicroR radiation detector was used to scan each of the drums and totes for radioactive material, no such materials were identified at the Site.

Recognition of the drums and totes occurred in Level C personal protective equipment (PPE). EPA and START up righted each drum, except for one poly-drum due to damage, and left the totes in place because of their weight and condition. The containers ranged from nearly empty to full, with the majority of drums and totes being more than 3/4 full. EPA and START opened each container and scanned its contents with the multi-gas meter. Maximum measurements for the containers included: CO=1000parts per million (ppm), VOC=235ppm, and LEL=100%.

A total of 4 liquid samples were collected from the drums and totes. Samples were collected in Level C PPE utilizing disposable coliwasa drum samplers. The samples were held overnight and submitted for rush analysis the next morning to RTI Laboratories in Livonia MI. The requested laboratory analysis included: toxicity characteristic leaching procedure (TCLP) VOC, TCLP semi-volatile organic compound (SVOC), TCLP metals, pH, flashpoint, and specific gravity.

Following sample collection, the drums and totes were secured as best as possible and enclosed with caution tape.

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

N/A

2.1.4 Progress Metrics

Progress metrics awaiting laboratory analysis of samples

<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

- Review laboratory results to determine the characteristics of the waste dumped at the site
- Determine if a removal action is necessary

2.2.1.1 Planned Response Activities

Response activities pending laboratory results

2.2.1.2 Next Steps

Review laboratory results

2.2.2 Issues

No issues at this time.

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

A Task Order for \$5,000 for field activities, as well as a \$5,000 Task Order for analytical were issued to START.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$10,000.00	\$7,500.00	\$2,500.00	25.00%

Intramural Costs				
Total Site Costs	\$10,000.00	\$7,500.00	\$2,500.00	25.00%

* 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

Unified command not utilized during this response

3.2 Cooperating Agencies

U.S EPA

MDEQ

4. Personnel On Site

U.S.EPA (1) OSC Lippert

START (3)

MDEQ (2)

5. Definition of Terms

U.S.EPA - United States Environmental Protection Agency

START - Superfund Technical Assessment & Response Team

MDEQ - Michigan Department of Environmental Quality

CO - carbon monoxide

VOC - volatile organic compound

SVOC - semi-volatile organic compound

TCLP - toxicity characteristic leaching procedure

H2S - hydrogen sulfide

O2 - oxygen

PPE - personal protective equipment

ppm - parts per million

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/bloomfielddrum>

6.2 Reporting Schedule

PolReps will be issued as necessary.

7. Situational Reference Materials

N/A