

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lyndon Street Drums - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #4**
Time-Critical Removal Continues
Lyndon Street Drums
Pending
Detroit, MI
Latitude: 42.3955500 Longitude: -83.1502640

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From: Jeffrey Lippert, On-Scene Coordinator
Date: 11/14/2011
Reporting Period: 11/6/2011 - 11/12/2011

1. Introduction

1.1 Background

Site Number:	C566	Contract Number:	
D.O. Number:		Action Memo Date:	9/14/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	8/18/2011	Start Date:	10/24/2011
Demob Date:		Completion Date:	
CERCLIS ID:	MIN000510622	RCRIS ID:	
ERNS No.:		State Notification:	08/18/2011
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Began as an emergency response on August 18, 2011. Time-Critical removal beginning October 24, 2011.

1.1.2 Site Description

The site is the abandoned laboratory of Riverside Organics, Inc, according to labels inside the building. The site is bordered by Lyndon Street and commercial and industrial properties to the south, a vacant lot and commercial and industrial properties to the west, residential homes to the north, and industrial and

commercial properties to the east.

1.1.2.1 Location

It is located at 8100 Lyndon Street, Detroit, Wayne County, Michigan 48238.

1.1.2.2 Description of Threat

U.S. EPA was contacted by Captain Eagan of the Detroit Fire Department (DFD) on August 18, 2011 regarding hundreds of drums and miscellaneous containers, many leaking, in an abandoned building at 8100 Lyndon Street, Detroit, Wayne County, Michigan 48238 (site). DFD requested assistance with securing the site and removal of the drums and containers.

U.S. EPA secured the building and leaking drums, collected samples and conducted air monitoring on August 18, 2011. No waste was disposed of during the emergency action, only securing of the site. Over 300 drums and containers exist inside the building in very poor condition. During the emergency response, U.S. EPA collected five waste liquid samples. All five samples were characteristically hazardous for either ignitability, corrosivity, or toxicity as defined by 40 C.F.R § 261.21, §261.22, or §261.24, respectively. All samples collected by U.S. EPA also contained various levels of cyanide, a CERCLA hazardous substance.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

OSC Lippert responded to the Site on Thursday, August 18, 2011 at approximately 1400 hours. U.S. EPA confirmed the presence of hundreds of drums and containers at the Site. Many were marked "Toxic", "Flammable", "Corrosive", "Poison", "Reactive", and "Dangerous When Wet", few were leaking and many are in poor condition.

Many containers are stacked on top of each other and incompatible wastes (containers labeled "oxidizer" and "corrosive") stored in close proximity of one another. VOC readings were over 500 ppm on two drums that were opened and sampled.

The building is in a state of disrepair. Holes in the roof are allowing rain water to infiltrate the building and contribute to the already unstable condition of drums and containers. There is no perimeter fencing and the building is open and unlocked.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

U.S. EPA was contacted by Captain Eagan of the Detroit Fire Department (DFD) on August 18, 2011 regarding hundreds of drums and miscellaneous containers, many leaking, in an abandoned building at 8100 Lyndon Street, Detroit, Wayne County, Michigan 48238. DFD requested assistance with securing the site and removal of the drums and containers.

OSC Lippert responded to the Site on Thursday, August 18, 2011 at approximately 1400 hours. U.S. EPA confirmed the presence of hundreds of drums and containers at the Site. Many were marked "Toxic", "Flammable", "Corrosive", "Poison", "Reactive", and "Dangerous When Wet", many were leaking and in poor condition.

The building is in a state of disrepair. Holes in the roof are allowing rain water to infiltrate the building and contribute to the already unstable condition of drums and containers. There is no perimeter fencing and the building is open and unlocked.

U.S. EPA secured the wastes and the building and conducted air monitoring and drum sampling on August 18, 2011.

U.S. EPA remobilized to the site on October 24, 2011 and began the time-critical removal action.

2.1.2 Response Actions to Date

On Sunday 11/6/2011, a cylinder expert from START was brought out to the site to assess the condition, type and handling of the compressed gas cylinders on site.

During the week of 11/7/2011 - 11/12/2011, U.S. EPA continued segregating containers in the building. U.S. EPA continued sweeping up debris on the floor in an effort to reduce safety hazards within the building. The floor debris was drummed and sampled for disposal. U.S. EPA continued to identify and remove containers of reactive chemicals from the building. Reactive chemicals were packaged and staged in a connex box. U.S. EPA isolated flammable and/or potentially flammable drums and containers into a connex box. Engineering controls were applied to the roof of the building to limit the amount of precipitation entering the building. During all removal activities, U.S. EPA monitored the air at the site perimeter utilizing AreaRAEs and a MultiRae, no action levels were exceeded.

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

The enforcement process is on-going.

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

Begin container sampling

Continue removal of flammable chemicals

Continue segregating chemicals within the building

Remotely open and deactivate containers of ether

Continue general house keeping

2.2.1.1 Planned Response Activities

Inventory containers

Sample containers;

Soil excavation;

Backfill; and

Off-site disposal.

2.2.1.2 Next Steps

Continue enforcement

2.2.2 Issues

None.

2.3 Logistics Section

Not Applicable.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Bryan Mullins

2.6 Liaison Officer

Not Applicable.

2.7 Information Officer

None.

2.7.1 Public Information Officer

None.

2.7.2 Community Involvement Coordinator

None.

3. Participating Entities

3.1 Unified Command

Unified Command was not utilized.

3.2 Cooperating Agencies

Detroit Fire Department

Michigan Department of Environmental Quality

Detroit Environmental Affairs

4. Personnel On Site

U.S. EPA - 1

START - 1

ERRS - 6

5. Definition of Terms

U.S. EPA - United States Environmental Protection Agency

ERRS - Emergency and Rapid Response Service

START - Superfund Technical Assessment and Response Team
DFD - Detroit Fire Department
C.F.R - Code of Federal Regulations

6. Additional sources of information

6.1 Internet location of additional information/report

None.

6.2 Reporting Schedule

POLREPS will be issued weekly or as necessary.

7. Situational Reference Materials

None.