

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
New Lyme Metals - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #4  
Continuation or Removal Action  
New Lyme Metals  
B5VC  
New Lyme, OH  
Latitude: 41.6050900 Longitude: -80.7646600

**To:**  
**From:** JJ Justice, On-Scene Coordinator  
**Date:** 7/5/2011  
**Reporting Period:** June 27, 2011 to July 1, 2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5VC	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>	0027	<b>Action Memo Date:</b>	5/20/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	12/9/2009	<b>Start Date:</b>	7/12/2010
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	OHN000510416	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

CERCLA Incident Category: Inactive Recycling Facility

#### 1.1.2 Site Description

##### 1.1.2.1 Location

See Initial Polrep.

##### 1.1.2.2 Description of Threat

The presence of heavy metals, PCBs, asbestos and numerous drums and compressed gas cylinders presents potential threats to human health and the environment by exposures to impacted air, soil and water at and around the Site.

See Initial Polrep for additional information.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Primary contaminants of concern identified during the Site Assessment included: heavy metals (antimony, arsenic, cadmium, lead, mercury), asbestos (chrysotile) and PCBs (Aroclor 1242 and 1254).

See Initial Polrep for additional information.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

The Time-Critical Removal Action at the New Lyme Metals Site will address the presence of heavy metals and PCBs in the soils by excavating and disposing of the impacted material off site. All asbestos containing materials, drums and compressed gas cylinders will be removed and disposed off site as well. Air monitoring and sampling will be conducted for the protection of the workers and the public. In addition, well samples will be collected to determine if any of the contaminants on Site have impacted the ground water.

#### 2.1.2 Response Actions to Date

During the period of June 27 to July 1, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Consolidated non-hazardous debris for transportation and disposal
- Transported 27 loads of debris for disposal at American Landfill in Waynesburg, Ohio

- Sampled and hazcatted 20 drums
- Installed silt fence in three areas of adjacent creek downstream of the Site
- Continued consolidating asbestos panels, capacitors and mercury rectifiers
- Constructed staging area for asbestos panels, capacitors and rectifiers
- Continued dust suppression efforts
- Continued segregating tires and recyclable materials from non-hazardous debris
- Conducted site survey with Lumex Mercury Vapor Analyzer and Ludlum Model 192 gamma radiation detector
- Continued perimeter air monitoring for particulates
- Began air sampling for arsenic, cadmium, lead, PCBs and asbestos at site perimeter
- Sampled three drinking water wells near the Site to be analyzed for RCRA metals and PCBs

Initial results from air sampling were non-detect for arsenic, cadmium, lead and asbestos. PCBs were identified in the air samples below OSHA PELs. The results have been forwarded to ATSDR for review. Heavy rains and severe weather restricted work several days during this time period.

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

U.S. EPA continues its efforts in determining viable potentially responsible parties.

### 2.1.4 Progress Metrics

Waste Stream	Quantity (tons)	Date	Manifest #	Destination
Non-Hazardous Debris	97.53	6/27/2011	08469-08478	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Non-Hazardous Debris	93.2	6/28/2011	08479-08488	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Non-Hazardous Debris	78.73	6/30/2011	08489-08495	American Landfill, 7916 Chapel St., Waynesburg, OH 44690

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

#### 2.2.1.1 Planned Response Activities

Removal action will include the following:

- Removal of non-hazardous debris (recycled when possible) in order to access contaminated area
- Excavation and disposal of TSCA wastes
- Excavation, treatment and disposal of TCLP cadmium and lead wastes
- Excavation of soils exhibiting concentrations of heavy metals, asbestos and PCBs above OEPA's residential direct contact criterion
- Consolidation and disposal of asbestos panels, PCB containing capacitors and mercury rectifiers
- Consolidation, characterization and disposal of drums and compressed gas cylinders
- Backfilling, grading and restoration of excavated areas

#### 2.2.1.2 Next Steps

- Continue removal activities
- Continue perimeter air sampling for asbestos, PCBs and heavy metals
- Review results of air and ground water samples
- Complete assessment of creek and property immediately to the west of the Site
- Conduct confirmation sampling

#### 2.2.2 Issues

None at this time.

## 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

The ERRS contractor prepared a health and safety plan (HASP) that was reviewed by Superfund Technical Assessment and Response Team (START) and for the Removal Action. Prior to conducting sampling activities, the HASP was reviewed and signed by on-site personnel.

Daily Health and Safety meetings are held prior to the start of each days activities. Primary topics include traffic safety, proper PPE, identification of work zones and biological hazards.

### 2.6 Liaison Officer

Nothing to report.

### 2.7 Information Officer

Nothing to report.

### 3. Participating Entities

#### 3.1 Unified Command

Not applicable.

#### 3.2 Cooperating Agencies

New Lyme Township

OEPA

ATSDR

### 4. Personnel On Site

During this time period the following personnel were on Site:

1 EPA OSC

1 START contractor

8 ERRS contractors

### 5. Definition of Terms

ATSDR	Agency for Toxic Substances and Disease Registry
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
ERRS	Emergency and Rapid Response Services
HASP	Health and Safety Plan
mg/L	milligrams per liter
OEPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
PELs	Permissible Exposure Limits
POLREP	Pollution Report
ppm	parts per million
PRP	Potentially Responsible Party
PCB	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leachate Procedures
U.S. EPA	United States Environmental Protection Agency

### 6. Additional sources of information

#### 6.1 Internet location of additional information/report

Additional information can be found at [www.epaosc.org/newlymemetals](http://www.epaosc.org/newlymemetals).

#### 6.2 Reporting Schedule

POLREPs will be issued weekly.

### 7. Situational Reference Materials

Not applicable.