

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #10  
Continuation of Removal Action  
New Lyme Metals  
B5VC  
New Lyme, OH  
Latitude: 41.6050900 Longitude: -80.7646600

**To:**  
**From:** JJ Justice, On-Scene Coordinator  
**Date:** 8/16/2011  
**Reporting Period:** August 8, 2011 to August 12, 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 is addressing 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 also be removed and disposed of at an off site facility. Air monitoring and sampling is being conducted for the protection of the workers and the public. In addition, well samples have been 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 August 8 to August 12, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Excavated Non-Hazardous Soils from 8 grids (D-8, D-9, D-10, E-9, F-8, F-9, G-7, G-8, G-9)

- Re-excavated grids H-M lines 7-8 based on confirmation sample results
- Excavated TSCA PCB material from 2 grids (B-6, B-7)
- Began remixing/treatment of TSCA/TCLP grid C-9 with Free Flow 100 after failure for cadmium
- Transported 17 loads of Non-Hazardous Soil to American Landfill for disposal
- Transported 7 loads of TSCA PCB contaminated material to CWM Chemical Services for disposal
- Dewatered excavation areas and pumped water to an on Site frac-tank for on-site treatment
- Treated approximately 6,000 gallons of runoff water and sampled for comparison to OEPA discharge limits
- Collected two samples from soil borrow for use as backfill
- Continued decontamination of tires for recycling
- Continued consolidating asbestos panels
- Continued dust suppression efforts in load out and excavation areas
- Continued site survey with Ludlum Model 192 gamma radiation detector
- Continued air monitoring for dust and sampling for PCBs and asbestos at site perimeter
- Collected activity specific air samples for analysis of PCBs

Air sampling results continue to show detectable concentrations of PCBs at the Site perimeter that are well below the OSHA PEL and considered in an acceptable range by ATSDR.

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

U.S. EPA continues its efforts in determining viable potentially responsible parties as well as identifying and locating additional locations where the operations took place. Currently, U.S. EPA has identified two possible locations where activities, similar to those at New Lyme Metals, may have taken place.

### 2.1.4 Progress Metrics

#### This Reporting Period:

| Waste Stream                                     | Quantity (tons) | Date      | Manifest #                 | Destination   |
|--|-----------------|-----------|----------------------------|---|
| Non-Hazardous Soil                               | 203.07          | 8/10/2011 | 607108-607116              | American Landfill, 7916 Chapel St., Waynesburg, OH 44688    |
| Non-Hazardous Soil                               | 170.49          | 8/11/2011 | 607117-607119, 18276-18280 | American Landfill, 7916 Chapel St., Waynesburg, OH 44688    |
| Polychlorinated Biphenyls, Solid Mixture, UN3432 | 115.5           | 8/11/2011 | 1594103-1594107            | CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107 |
| Polychlorinated Biphenyls, Solid Mixture, UN3432 | 25.42           | 8/12/2011 | 1594108-1594109            | CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107 |

#### To Date:

**526.72 tons of Non-Hazardous Debris has been disposed of at American Landfill in Waynesburg, Ohio**

**1,787.96 tons of Non-Hazardous Soils has been disposed of at American Landfill in Waynesburg, Ohio**

**32.62 tons of Non-Friable Asbestos containing material has been disposed of at American Landfill, in Waynesburg, Ohio**

**140.92 tons of RQ, Polychlorinated Biphenyls, Solid Mixture, UN3432 material has been disposed of at CWM Chemical Services in Model City, New York**

## 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 samples
- Complete assessment of creek and property immediately to the west of the Site
- Conduct confirmation sampling
- Install water filtration systems on wells
- Work with ATSDR to develop a site specific action level for PCBs

### 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                           |
| TSCA     | Toxic Substances Control Act  |
| ug/L     | micrograms per liter  |
| uR/hr    | microroentgens per hour   |
| 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.