

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #5
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: 7/11/2011
Reporting Period: July 5, 2011 to July 8, 2011

1. Introduction

1.1 Background

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

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 July 5 to July 8, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Completed consolidating non-hazardous debris for transportation and disposal
- Transported 19 loads of debris for disposal at American Landfill in Waynesburg, Ohio

- Began excavating impacted areas beginning along the eastern edge and working west
- Completed excavation of 9 Grids of non-hazardous soils containing elevated concentrations of heavy metals (L-6, L-7, M-6, M-7, N-5, N-6, N-7, O-5, O-6)
- Completed excavation of J-2 and staged soils in mixing pit for treatment of TCLP cadmium and lead
- Excavated and removed septic tank
- Continued consolidating asbestos panels, capacitors and mercury rectifiers
- Continued dust suppression efforts at load out area and excavation areas
- Continued segregating tires and recyclable materials from non-hazardous debris
- Dewatered low areas within the Site perimeter
- Continued site survey's with Lumex Mercury Vapor Analyzer and Ludlum Model 192 gamma radiation detector
- Continued air sampling for arsenic, cadmium, lead, PCBs and asbestos at site perimeter

Air sampling results continue to show detectable concentrations of PCBs at the Site perimeter but well below the OSHA PEL. Additionally, perimeter samples did detect asbestos fibers at the Site perimeter but again well below occupational exposure limits. The fibers were identifies as amosite which differs from the previously identified chrysotile found in the electric panels on Site. Sample results for metals continue to be non-detect. The results continue to be forwarded to ATSDR for review.

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 Debris	141.21	7/6/2011	08640-08649	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Non-Hazardous Debris	78.71	7/7/2011	08650-08655	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Non-Hazardous Debris	37.34	7/8/2011	08656-08658	American Landfill, 7916 Chapel St., Waynesburg, OH 44690

To Date:

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

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

Due to the continued detectable concentrations of PCBs at the Site perimeter, the use of a vapor suppressing foam is being investigated for use during the remainder of Site activities.

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 traffice 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.

6.2 Reporting Schedule

POLREPs will be issued weekly.

7. Situational Reference Materials

Not applicable.