

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #13
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: 9/16/2011
Reporting Period: September 7, 2011 to September 16, 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 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 September 7, 2011 to September 16, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Excavated non-hazardous soils from 40 grids (E'-4, E'-5, E'-6, E'-7, D'-4, D'-5, C'-2, C'-3 C'-4, C'-5, B'-3, B'-4, B'-5, A'-3, A'-4, A'-5, A-3, A-4, A-5, B-3, B-4, B-5, C-3, C-4, C-5, D-3, D-4, D-5, E-3, E-4, E-5, F-3, F-4, F-5, G-3, G-4, G-5,

H-3, H-4, H-5)

- Transported 91 loads of non-hazardous soils to American Landfill for disposal
- Transported 16 drums of oily water and 1 drum of chromic acid to EQ for disposal
- Transported 2 compressed gas cylinders to Airgas for reclamation
- Transported 2 compressed gas cylinders to Butler Gas Company for reclamation
- Transported 40 cubic yards of scrap iron and metal to Ashtabula Iron and Metal for recycling
- Continued dewatering excavation areas and pumped storm run-off to an on Site frac-tank for treatment
- Discharged 52,000 gallons of treated contact storm run-off
- 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 asbestos at site perimeter
- Collected 14 investigatory samples from the creek and swale along the southern edge of the Site
- Collected 75 confirmatory samples from excavated areas
- Confirmation sample results indicate the A-7, D-6, D-7, E-9, F-7 and I-8 need to be re-excavated

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

U.S. EPA continues its efforts in identifying 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	227.59	9/7/2011	646224-646233	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Non-Hazardous Soil	161.7	9/8/2011	646234-646241	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Non-Hazardous Soil	170.78	9/9/2011	646242-646249	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Non-Hazardous Soil	455.45	9/12/2011	646250-646268	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Compressed Gas Cylinders	2 cylinders	9/13/2011		Airgas, 2020 Train Avenue, Cleveland, OH 44113
Non-Hazardous Soil	343.09	9/13/2011	646269-646284	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Oily/water mixture	16 - 55 gallon drums	9/14/2011		EQ Ohio, 2050 Central Avenue SE, Canton, OH 44707
Chromic Acid	1 - 35 gallon drum	9/14/2011		EQ Ohio, 2050 Central Avenue SE, Canton, OH 44707
Non-Hazardous Soil	396.99	9/14/2011	646285-646287 & 22977-22989	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Non-Hazardous Soil	252.46	9/15/2011	22958-22966 & 22974-22976	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Compressed Gas Cylinders	2 cylinders	9/15/2011		Butler Gas Company, 110 Nichol Avenue, McKees Rocks, PA 15136
Scrap Metal	40 Cubic Yards	9/16/2011		Ashtabula Iron & Metal, 1015 W 30th St., Ashtabula, OH 44004

To Date:

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

4,419.84 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

1,800.03 tons of RQ, Polychlorinated Biphenyls, Solid Mixture, UN3432 material has been disposed of at CWM Chemical Services in Model City, New York

16 55-gallon drums of Oily Water Mixture disposed of at EQ Ohio in Canton, Ohio

1 35-gallon drum of Chromic Acid disposed of at EQ Ohio in Canton, Ohio

2 Compressed Gas Cylinders reclaimed by Air Products in Cleveland, Ohio

2 Compressed Gas Cylinder reclaimed by Butler Gas Products in McKees Rocks, Pennsylvania

110,000 gallons of contact storm water run-off has been treated for PCBs and heavy metals and discharged

39.43 tons of scrap/used tires recycled at Liberty Tire Recycling in Minerva, Ohio

40 cubic yards of scrap iron and metal recycled at Ashtabula Iron & Metal in Ashtabula, 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 of soils exhibiting concentrations of heavy metals, asbestos and PCBs above OEPA's residential direct contact criterion
- Backfilling, grading and restoration of excavated areas

2.2.1.2 Next Steps

- Continue removal activities
- Continue perimeter air sampling for asbestos
- Review results of air samples
- Conduct confirmation sampling
- Install water filtration systems on private 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 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
TSCA	Toxic Substances Control Act
ug/L	micrograms per liter
uR/hr	microrentgens 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.epaossc.org/newlymemetals.

6.2 Reporting Schedule

POLREPs will be issued weekly.

7. Situational Reference Materials

Not applicable.