

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #14**
Continuation of Removal Action
New Lyme Metals
B5VC
New Lyme, OH
Latitude: 41.6050900 Longitude: -80.7646600

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From: JJ Justice, On-Scene Coordinator

Date: 9/28/2011

Reporting Period: September 19, 2011 to September 25, 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 19, 2011 to September 25, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Excavated non-hazardous soils from 29 grids (E'-9, D'-9, C'-9, B'-2, B'-9, A'-2, A'-9, A-1, A-2, B-1, B-2, C-1, C-2, D-1, D-2, E-1, E-2, F-1, F-2, G-1, G-2, H-1, I-1, J-1, K-1, L-1, L-2, L-3, M-3)
- Re-excavated 8 grids based on sampling results indicating exceedences of cleanup levels
- Excavated approximately 180 feet of creek from I line to A' line where sampling identified elevated concentrations of PCBs
- Transported 5 loads of non-hazardous soils to American Landfill for disposal
- Received 18 loads of backfill for restoration
- Decontaminated and sampled frac tanks, carbon vessel, filters and excavator
- Completed dewatering excavation areas and pumped storm run-off to an on Site frac-tank for treatment
- Discharged 34,000 gallons of treated contact storm run-off
- Completed dust suppression efforts in load out and excavation areas
- Completed site survey with Ludlum Model 192 gamma radiation detector
- Completed air monitoring for dust and sampling asbestos at site perimeter
- Collected 31 confirmatory samples from excavated areas
- Confirmation sample results indicated that grids D'-8 and F-5 need to be re-excavated

Sampling of water in the excavation has determined that no additional contaminants are running off or leaching into the storm water. All equipment that has been in contact with PCB waste will be decontaminated and wipe samples will be collected to ensure decontamination was effective prior to the equipment being transported off the Site.

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	117.84	9/7/2011	22967-22971	American Landfill, 7916 Chapel St., Waynesburg, OH 44688

To Date:

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

4,537.68 tons of Non-Hazardous Soils has been disposed of at American Landfill in Waynesburg, Ohio (includes 620 tons of treated TCLP soils)

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 (includes 570 tons of treated TCLP soils)

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

1 35-gallon drum of RQ, Chromic Acid Solution, UN1755 (D007) disposed of at EQ Ohio in Canton, Ohio

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

2 Compressed Gas Cylinder reclaimed by Butler Gas Products in New Brighton, Pennsylvania

144,000 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

12.27 tons 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:

- 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
- Installation of water treatment systems at neighboring properties

2.2.1.2 Next Steps

- Continue removal activities
- Conduct confirmation sampling

2.2.2 Issues

None at this time.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,660,000.00	\$1,211,000.00	\$449,000.00	27.05%
TAT/START	\$190,000.00	\$142,000.00	\$48,000.00	25.26%
Intramural Costs				
Total Site Costs	\$1,850,000.00	\$1,353,000.00	\$497,000.00	26.86%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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	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.epaosc.org/newlymemetals.

6.2 Reporting Schedule

POLREPs will be issued weekly.

7. Situational Reference Materials

Not applicable.

POLREP #14 Last Updated 10/11/2011