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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #11**
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: 8/23/2011
Reporting Period: August 15, 2011 to August 20, 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 August 15 to August 20, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Excavated TSCA material from 2 grids (B-7, B-8, C-8, D-7, E-6, E-7, E-8, F-7)
- Excavated TSCA/TCLP material from 2 grids (D-6, F-5)
- Completed remixing/treatement of TSCA/TCLP grid C-9, D-6 and began treatment of grid F-5 with Free Flow 100 after failure for cadmium
- Transported 35 loads of TSCA PCB contaminated material to CWM Chemical Services for disposal
- Loaded three 30-yard roll-off boxes with tires for recycling
- Dewatered excavation areas and pumped storm run-off to an on Site frac-tank for treatment
- Discharged 21,000 gallons of treated contact storm run-off
- Continued decontamination of tires for recycling
- 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

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.

Following treatment of contact storm run-off, the treated water is sampled and results compared to State of Ohio MCL regulatory criteria for public water, ground water, and surface water systems to ensure compliance prior to discharge.

Samples from soil borrow met all Ohio EPA direct contact standards and will be suitable for use as backfill.

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
Polychlorinated Biphenyls, Solid Mixture, UN3432	184.16	8/15/2011	1594110-1594118	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	113.74	8/16/2011	1594119-1594124	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	165.21	8/17/2011	1594125-1594132	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	233.91	8/18/2011	1594133-1594143	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	22.09	8/19/2011	1594144	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 Americn Landfill, in Waynesburg, Ohio

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

21,000 gallons of contact storm water run-off has been treated for PCBs and heavy metals and discharged

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 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

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$1,660,000.00	$771,000.00	$889,000.00	53.55%
TAT/START	$120,000.00	$110,300.00	$9,700.00	8.08%
Intramural Costs				
Total Site Costs	$1,780,000.00	$881,300.00	$898,700.00	50.49%

* 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 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	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.

6.2 Reporting Schedule

POLREPs will be issued weekly.

7. Situational Reference Materials

Not applicable.