

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Ringwood Mines/Landfill Site - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #11
Final
Ringwood Mines/Landfill Site
0262
Ringwood, NJ
Latitude: 41.1390878 Longitude: -74.2701267

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From: Andrew Confortini, OSC
Date: 7/22/2014
Reporting Period: 07/11/2013 - 07/22/2014

1. Introduction

1.1 Background

Site Number:	0262	Contract Number:	EPS2-10-03
D.O. Number:	#0041	Action Memo Date:	9/26/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	
Mobilization Date:	6/11/2013	Start Date:	10/31/2011
Demob Date:	7/11/2013	Completion Date:	7/10/2014
CERCLIS ID:	NJD980529739	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Residential area situated near inactive mine and landfill with surficial dumps and refuse disposal area.

1.1.2 Site Description

The estimated 440-acre Ringwood Mines/Landfill Site is located in a historic iron mining district in the Borough of Ringwood. The Site is located at approximately one mile northwest of Borough of Ringwood in Passaic County, New Jersey and is consisted of about 45 residential properties located on Peters Mine Road, Van Dunk Lane, Canon Mine Road, Petzold Lane, Horse Shoe Bend Road and Margaret King Avenue. There are approximately 200 residents that live in homes which encompasses the Site. Site features include abandoned mine shafts and pits, inactive landfills and open waste dumps. During the late 1960s and early 1970s, the Site was used for the disposal of paint sludge and other waste generated at the Ford Motor Company's Mahwah facility. The Site was originally added to the National Priorities List of abandoned hazardous waste sites in 1983.

1.1.2.1 Location

The Ringwood Mines/Landfill Site is located in a historic iron mining district in the Borough of Ringwood,

1.1.2.2 Description of Threat

Sampling and analysis conducted at the Site and on the properties by the NJDEP have identified the presence of lead. Lead is a CERCLA hazardous substance as defined in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14), and it is listed as hazardous substance in 40 CFR Table 302.4.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Soil samples collected from eleven residential properties by NJDEP contained concentrations of lead in at least one quadrant greater than 400ppm. The results in surface soil sampled at 0-6" ranged from 22ppm to 10,000ppm. The results for lead in subsurface soil samples at 6-12" ranged from 7.4ppm to 4,400ppm. The results for lead in subsurface soil samples at 12-18" ranged from 9.4ppm to 22,000ppm. The results for lead in subsurface soil samples at 18-24" ranged from 5.7ppm to 600ppm. The results for lead in subsurface soil samples from the two foot to five foot depth interval ranged from 17ppm to 490ppm.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

Since initiating Removal activities in the Fall 2011, 37 of a total 45 residential properties were assessed for the presence of elevated lead concentrations in property soils. Based upon the analytical results, 23 properties required remediation work to addressed lead concentrations over 400 parts per million. Eight property owners did not allow access.

During the reporting period, remediation work was conducted at the last 3 residential properties where lead concentrations were documented above residential standards. In summary, contractor personnel and equipment were mobilized to the Site on June 11, 2013. Remediation work began on June 17, 2013 and was subsequently completed July 3, 2013. All stockpiled contaminated soil was shipped off-site for beneficial reuse on July 09, 2013. All contractor personnel and equipment were demobilized from the Site on July 10, 2013.

Concurrent to the work outlined above, an additional residential property assessment was completed at a location where written permission was recently granted. Based upon the analytical results, a removal action at this location for the presence of lead was not warranted. At the time access was granted, the owner of this property also requested the interior of the home be tested for the presence of dioxin. Representative samples were collected and determined to be below risk-based criteria.

On July 10, 2014, the one-year maintenance period following the completion of removal activities concluded. All work specified in the Action Memorandum was completed.

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

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non RCRA, Non DOT Regulated Material	Soil	~392 tons	282516 thru 292532	N/A	Cumberland County Landfill 135 Vaughn Road Shippensburg, PA 17257
Non RCRA, Non DOT Regulated Material	Soil	415 tons	001 thru 016	N/A	Atlantic County Utility Authority, Egg Harbor Township, NJ
Non RCRA, Non DOT Regulated Material (Summer 2013)	Soil	140 tons	309271 thru 309277	N/A	Cumberland County Landfill/ADS 620 Newville Road, Newburg, PA 17240-Daily Cover

2.2 Planning Section

2.2.1 Anticipated Activities

None.

2.2.1.1 Planned Response Activities

None.

2.2.1.2 Next Steps

None.

2.2.2 Issues

None.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

As of July 10, 2014 response-related ERRS contractor cost were approximately \$608,000.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$660,000.00	\$608,000.00	\$52,000.00	7.88%
TAT/START	\$250,000.00	\$224,000.00	\$26,000.00	10.40%
Intramural Costs				
Total Site Costs	\$910,000.00	\$832,000.00	\$78,000.00	8.57%

* 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

2.5.2 Liaison Officer

2.5.3 Information Officer

- Pat Seppi, EPA Community Involvement Coordinator

3. Participating Entities

No information available at this time.

4. Personnel On Site

- Andrew L. Confortini, OSC
- Joe Gowers, RPM
- Walter Johnson/Fred Godbolt, ERRS RM
- Tim Benton, RST 2 SPM
- Scott Synder, RST 2 SPM

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.