

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #5
Progress
Ringwood Mines/Landfill Site

Ringwood, NJ
Latitude: 41.1390878 Longitude: -74.2701267

To: Scott Heck, Borough of Ringwood

From: Andrew Confortini, OSC

Date: 7/11/2012

Reporting Period: June 1, 2012 - July 11, 2012

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:	5/29/2012	Start Date:	10/31/2011
Demob Date:		Completion Date:	
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 50 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, Passaic County, New Jersey.

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

During the reporting period, lead remediation work at nine residential properties was completed by ERRS personnel. To date, approximately 400-cubic yards of impacted soil has been generated.

In addition, RST2 collected pre-cleaning dioxin wipe samples within the attic where a concentration above 0.9ng/m2 was previously identified. An Action Memorandum requesting the funding necessary to remediate the dioxin dust has been prepared and awaiting final approval.

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

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

- * Continuing residential remediation work throughout the Summer of 2012.

2.2.2 Issues

None.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

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
- Gezahegne Bushra, OSC
- Joe Gowers, RPM
- Joseph Overend III, 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.