

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #4
Progress
Ringwood Mines/Landfill Site

Ringwood, NJ
Latitude: 41.1390878 Longitude: -74.2701267

To: Scott Heck, Borough of Ringwood

From: Andrew Confortini, OSC

Date: 6/4/2012

Reporting Period: 12/16/2011 - May 29, 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 fall of 2011, a total of four (4) residential properties were remediated and restored to pre-existing conditions. Under a separate Work Assignment, the Region II RST2 contractor completed the collection of assessment soil samples at eight (8) residential properties which were not previously evaluated by the New Jersey Department of Environmental Protection.

ERRS personnel returned to the Site on December 13, 2011 and completed the loading and off-site disposal of approximately 392-tons of soil generated during the residential property remediation. All equipment was removed from the Site on December 15, 2011. In support of the on-going assessment sampling, EPA is currently maintaining an office trailer and generator as a Command Post.

From January through April 2012, the Region II RST2 contractor completed the collection of assessment soil samples at nine (9) additional residential properties. Based upon the assessment sampling conducted to date, fifteen (15) properties contained lead in excess of 400 parts per million (ppm). ERRS personnel returned to the Site on May 29, 2012 to begin remediation work.

In addition, RST2 also collected dioxin wipe sampling activities at five (5) residential locations during January and February 2012. Two samples were collected from each residence, one from the attic and one from a first floor living space. Based upon the concentrations detected, one attic was determined to contain concentrations above 0.9ng/m2. Arrangements are currently underway to complete the removal of this material from the attic.

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

- Conducting assessment activities at residential locations.
- 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.