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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: **POLREP #6**
Progress
Ringwood Mines/Landfill Site

Ringwood, NJ
Latitude: 41.1390878 Longitude: -74.2701267

To: Scott Heck, Borough of Ringwood

From: Andrew Confortini, OSC
Date: 8/27/2012
Reporting Period: July 12, 2012 through August 27, 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 an additional four residential properties was completed by ERRS personnel. This brings the total number of properties remediated under this Action to seventeen (17), four of which were completed in the Fall 2011. Since May 2012, the remediation work completed at the additional thirteen locations has generated approximately 1,200-cubic yards of lead impacted waste soil. The off-site disposal of this material is anticipated to begin on August 29, 2012.

The remediation work at the last two properties involves the removal of large amounts of paint sludge and debris within surface soils. The sludge material has also been found on adjacent Borough and utility-owned properties. EPA activities continue to focus on the remediation of the residential portion of the impacted areas. To date, approximately 220 cubic yards of soil containing paint sludge has been removed and staged within the confines of the Command Post area.

In preparation for the dioxin remediation within an impacted attic area, RST2 collected pre-cleaning dioxin wipe samples within the attic where a concentration above 0.9ng/m2 was previously identified. The results of the additional wipe samples confirmed the presence of similar concentrations as the initial sampling event. On August 17, 2012, the funding necessary to complete this action were received and a Task Order to the contractor issued. This work is currently anticipated to begin the week of September 3, 2012.

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

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
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 at the last two locations and conduct additional assessment sampling events if requested.

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.