

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
FMO Pesticide Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region III

**Subject:** POLREP #4  
Removal Action  
FMO Pesticide Site  
A3PZ  
Orefield, PA  
Latitude: 40.6322715 Longitude: -75.6149893

**To:** Gerald Heston, US EPA Region III  
Jeff Bartlett, North Whitehall Township  
Dennis Carney, EPA Region III  
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**From:** Ruth Scharr, Federal On-Scene Coordinator

**Date:** 12/1/2010

**Reporting Period:** 10/25/2010 - 12/2/10

1. Introduction

1.1 Background

<b>Site Number:</b>	A3PZ	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/1/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	7/1/2010	<b>Start Date:</b>	9/17/2010
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

1.1.1 Incident Category

Time-Critical Removal

1.1.2 Site Description

The Site is characterized as a time-critical removal. The Site includes approximately 1300 acres of land (approximately 1.5 square miles) that were formerly used for the commercial growing and harvesting of fruit from orchard trees and are currently zoned residential or public use in North Whitehall Township, PA. Lead arsenate pesticide was historically used for several decades until its use was banned in 1988 by EPA. Elevated levels of arsenic and lead have been detected in surface soil samples on residential parcels and in public use areas. FMO Pesticide Action Memo was submitted by the OSC and signed on September 1, 2010 approving a Removal Action which address contamination at residential parcels.

1.1.2.1 Location

Orefield/Schnecksville area of North Whitehall Township, Lehigh County, Pennsylvania

1.1.2.2 Description of Threat

Ingestion of lead and arsenic through direct contact with contaminated soil, or ingestion of contaminants from small particles that have been aerosolized from the disturbance of soil.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

## 2.1 Operations Section

### 2.1.2 Response Actions to Date

Onsite excavation activities did not begin as anticipated in POLREP 3. Subcontracts for the soil and landscaper were not approved until Nov 5 and 19th, respectively. Additionally, it was not advised to lay sod that late in the fall season, as frost at night would damage any sod. As a result, the OSC had decided to postpone any excavation and restoration activities until early spring.

EPA obtained signed access forms from 2 more property owners bringing the total to 24 of the 25 homes.

Due to Quality Assurance and Quality Control issues identified with the operation of the onsite XRF equipment, no soil samples were processed during this time period. New standards for calibrating the equipment were received Nov 30th.

ERRs contractors continue to prepare for upcoming site work.

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

### 2.1.4 Progress Metrics

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

Complete extent of contamination sampling at those properties that have provided access for the removal action. As of this date, 2 of the 25 properties remain to be sampled. Continue Phase II Biased soil sampling where sampling is requested. Once QA/QC issues are resolved the contractor will reanalyze samples from 9 properties at their own expense. Then the contractor will resume processing and onsite analysis of samples collected for both removal action and phase II evaluation.

Three properties are receiving only raised garden beds, weather permitting contractor will begin installation of raised garden beds on December 8, 2010.

#### 2.2.1.2 Next Steps

#### 2.2.2 Issues

## 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

No information available at this time.

## 3. Participating Entities

No information available at this time.

## 4. Personnel On Site

No information available at this time.

## 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.