

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Zonolite Road Atlanta GAO144 - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #11  
Progress  
Zonolite Road Atlanta GAO144  
B407  
Atlanta, GA  
Latitude: 33.8063720 Longitude: -84.3417654

**To:**  
**From:** Kevin Eichinger, OSC Terry Stilman, OSC  
**Date:** 2/15/2012  
**Reporting Period:** February 2, 2012 through February 15, 2012

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B407	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	4/8/2011
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	6/1/2011	<b>Start Date:</b>	6/1/2011
<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>	

### 1.1.2 Site Description

A removal site evaluation indicating that the Zonolite Road Site be given priority for removal eligibility was completed on March 23, 2011. The Site, also referenced as the "GAO 144 site" was the former location of a vermiculite expansion (or, exfoliation) plant. According to the previous owner and operator, the expansion plant operated from 1950 until 1970 and received between 499 and 1,225 tons of vermiculite concentrate from the W.R. Grace vermiculite mine in Libby, Montana.

#### 1.1.2.1 Location

The Site is located approximately 4.5 miles northeast of downtown Atlanta, Georgia, in a developed urban area of mixed light-industrial, commercial, and residential use. The site occupies about 16 acres, some or all of which was the former location of a vermiculite expansion plant. The Site is bordered to the south by Dalon Road, a landscape services and garden business, and the south fork of Peachtree Creek. To the west of the Site are Peachtree Creek and several residences. The Site is bordered to the north by railroad tracks and a complex containing numerous commercial and light industrial businesses. Residential communities are located to the south beyond the south fork of Peachtree Creek, to the west, and to the north beyond the railroad tracks.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.2 Response Actions to Date Summary

To date, approximately 26,500 tons of material has been removed and sent offsite for disposal to the Waste Management Landfill in Ball Ground, Georgia. Soil removal operation are complete. Activity based sampling was conducted in the main excavation area. No asbestos was detected in the clearance samples. Crews were given permission to begin backfilling and site restoration operation. Based on current progress, site will return to the Site owner, DeKalb County, by the end of February. OSCs Eichinger, Stilman and on-site conducting oversight. START assisting with activity based sampling.

**February 15, 2012** - Contractors continued with site restoration and grading operations. Site restoration is about 80% complete.

**February 14, 2012** - Contractors continued with site restoration and grading operations. Crews removed an empty abandoned 1000 gallon storage tank from the Northwest corner of the site.

**February 13, 2012** - Contractors continued with site restoration and grading operations. Air sampling was discontinued since no asbestos containing material was impacted. No asbestos was detected in the bulk soil samples taken on February 10, 2012.

**February 10, 2012** – Removal operations continued around the North and South foundations and concrete pads. 26 dump trucks were loaded and sent offsite with approximately 390 tons of material. Removal operations on and around the building foundations and pads are complete. Bulk soil samples were taken around the North foundation and pad. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples. The results of the clearance sampling conducted on February 7, 2012 was received. No asbestos was detected. Crews were given approval to begin backfilling operations by OSC Eichinger. START demobilized from the site.

**February 9, 2012** - Removal operations continued around the North and South foundations and concrete pads. 24 dump trucks were loaded and sent offsite with approximately 360 tons of material. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

**February 8, 2012** - Removal operations continued around the North and South foundations and concrete pads. 35 dump trucks were loaded and sent offsite with approximately 525 tons of material. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

**February 7, 2012** – Removal operations continued. 23 dump trucks were loaded and sent offsite with approximately 345 tons of material. Removal operations in the main excavation area and the creek bank are complete. After excavation activities finished, activity based clearance sampling of the excavation pit occurred. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

**February 6, 2012** – Removal operations continued. 55 dump trucks were loaded and sent offsite with approximately 825 tons of material. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

**February 3, 2012** - Removal operations continued. 35 dump trucks were loaded and sent offsite with approximately 525 tons of material. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

**February 2, 2012** - Removal operations continued. 43 dump trucks were loaded and sent offsite with approximately 645 tons of material. Perimeter and personnel sampling continues. No asbestos was detected in personnel or perimeter air samples.

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

Complete site restoration and backfilling operations

Remove section of the haul road

Remove the truck/equipment decontamination operation.

Perform ABS Clearance sampling on the old building pads. Final clearance sampling is planned for the week of February 21, 2012

Turn the site back over to DeKalb County pending the results of the clearance sampling.

## **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**

### **3.2 Cooperating Agencies**

DeKalb County

## **4. Personnel On Site**

The following personnel were onsite at various times through out the reporting period:

EPA - 3  
DeKalb County Natural Resources - 1  
AECOM - 1  
START - 3

URS - 2  
W.R. Grace (Remediation Group) - 1  
One Group Consulting - 4  
Winter Environmental - 25

## **5. Definition of Terms**

ABS - Activity Based Sampling - Collecting of air samples while engaging in dust generation activities that could disturb asbestos fibers and release them into the air.

OSHA - Occupational Safety and Health Administration - an agency of the United States Department of Labor whose mission is to prevent work-related injuries, illnesses, and occupational fatality by issuing and enforcing standards for workplace safety and health.

PCM - Phase Contrast Microscopy - Sample analysis procedure, following NIOSH Analytical Method 7400, used to determine the presence of fibers in air samples. This procedure does not differentiate between non-hazardous fibers and asbestos fibers. Used to determine the effectiveness of engineering controls and work practices during the actual removal of the asbestos contaminated material.

PEL - Permissible Exposure Limit - Legal limit in the United States for worker exposure to a chemical substance or physical agent.

TEM - Transmission Electron Microscopy - Sample analysis procedure, following NIOSH Method 7402, used to determine the presence, type and concentration of asbestos in air samples.

## **6. Additional sources of information**

No information available at this time.

## **7. Situational Reference Materials**

No information available at this time.