

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Pittsburg Zinc - Removal Polrep  
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region VII

**Subject:** POLREP #10  
Final  
Pittsburg Zinc  
KSD985015338  
Pittsburg, KS  
Latitude: 37.4108840 Longitude: -94.7049600

**To:**  
**From:** Todd Campbell, OSC  
**Date:** 12/16/2010  
**Reporting Period:** 3/3/10-9/30/10

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	KSD985015338	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/30/2009
<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>	10/26/2009	<b>Start Date:</b>	10/27/2009
<b>Demob Date:</b>	9/27/2010	<b>Completion Date:</b>	9/25/2010
<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

The incident is a CERCLA Fund Lead Removal Action.

#### 1.1.2 Site Description

Residential lead contamination from a former zinc smelting operation.....please refer to POLREP #1 for site history and detailed description.

##### 1.1.2.1 Location

Pittsburg, Crawford County, Kansas.....please refer to POLREP #1 for additional details.

##### 1.1.2.2 Description of Threat

Lead and lead compounds.....please refer to POLREP #1 for a detailed description of hazards associated with lead exposure.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

In March 2009, EPA began removal assessment activities at the site. A second phase of assessment activities was conducted in November 2009. To date, 85 properties have been identified with lead levels in the soil that exceed the site specific action level of 550 mg/kg. Please refer to POLREPs 1-9 for more detail on removal assessment results.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

EPA R7 mobilized both START and ERRS contractors to Pittsburg, Kansas, on Monday, October 26, 2009, to begin excavating contaminated soil from residential yards in Pittsburg. The initial action was to excavate soil from 25 residential yards in the Phase I area and to conduct RSE activities within the Phase II assessment area. Since mobilizing to the site, a third assessment area, Phase IIA, was added to look at potential lead contaminated soils in an area east to west from Locust to Rouse, and north/south between 9th and 10th streets in Pittsburg. As a result of the preliminary Phase II/IIA assessment, an additional 54 properties were slated for removal activities where soil lead concentrations exceeded the site specific action level of 550 ppm. Lastly, a fourth phase of assessment was added to determine the level of possible impact in an area east of the KCS RR line to the west to Rouse St. and from 10th St. to 7th St. from north to south. Only one additional removal property was identified from the Phase III area.

#### 2.1.2 Response Actions to Date

EPA completed excavations at 78 total properties. Excavated soil was taken to the Oak Grove Landfill in Arcadia,

Assessment activities were completed at 378 properties and data results were transmitted to property owners. Field screening results indicated that approximately 22% of the properties screened contain soil with lead levels that exceed the site specific action level of 550 ppm lead.

A title search has been completed on all parcels of land either known or suspected to be part of the three former smelter sites associated with the Pittsburg Zinc Site. Several of these parties are working with the city and the state to address contamination on their properties through a KDHE state response program. EPA is conducting a full PRP search and working with the remaining former smelter owner to ensure that residual contamination on the property is remediated.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Special Waste	Soil	10,988.26 tons	multiple	n/a	Oak Grove Landfill

All site activities affiliated with the residential cleanup have been completed at this time.

No additional residential response actions are planned in the current project area at this time.

Continue to coordinate the clean-up of contamination at the three Pittsburgh Zinc Former Smelters.

none

none

No information available at this time.

All site activities have been completed without any safety incidents being reported.

OSC continues to coordinate site activities through the site Community Involvement Coordinator, who coordinates information dissemination through the EPA R7 Government Liaison.

The site PIO/CIC helped to coordinate a public availability session on Thursday, October 15th, 2009, so any concerns from the Phase I/II property owners could be addressed. OSC Campbell, in coordination with the CIC, responded to a media inquiry on December 15, 2009, from the Pittsburg Sun. A site briefing was conducted for the Pittsburg City Council on January 12, 2010. All subsequent interview requests were reported to the PIO/CIC.

All projects activities have been completed....any future actions conducted at the former smelter site will be conducted as part of the Mission Clay Products project.

US EPA R7  
ATSDR

#### **4. Personnel On Site**

All personnel have been demobilized from the site and all field activities have been completed that were scheduled as part of this project.

#### **5. Definition of Terms**

n/a

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

##### **6.1 Internet location of additional information/report**

The Administrative Record is on file at the following repository:

Pittsburg Public Library  
308 North Walnut  
Pittsburg, Kansas 66762

##### **6.2 Reporting Schedule**

This is the final project POLREP and no additional reports are planned at this time.

#### **7. Situational Reference Materials**

n/a