

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Sandoval Residential Lead Removal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Progress Report  
Sandoval Residential Lead Removal  
B5A8  
Sandoval, IL  
Latitude: 38.6139332 Longitude: -89.1183874

**To:** Kevin Turner, Superfund - Emergency Response Branch  
Sherry Fielding, U.S. EPA  
Jason El-Zien, U. S. EPA  
Mark Durno, Region 5  
Carol Ropski, U.S.EPA  
Mark Johnson, ATSDR R5  
Bruce Everetts, Illinois EPA  
Tom Binz, START  
Peter Feletti, U.S. EPA  
Mike Ribordy, U.S. EPA  
John Maritote, USEPA  
Pam Molitor, U.S. EPA  
Mark Colvin, U.S. EPA  
Ron Kretzer, Mayor of Sandoval

**From:** Kevin Turner, OSC

**Date:** 11/17/2011

**Reporting Period:** 11/11/2011 through 11/25/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5A8	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/14/2011
<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>	10/27/2011	<b>Start Date:</b>	10/27/2011
<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>	

#### 1.1.1 Incident Category

Time Critical Removal Action – Lead Impacted Soil with regards to residential property impacts.

#### 1.1.2 Site Description

Please refer to POLREP #1.

##### 1.1.2.1 Location

Please refer to POLREP #1.

##### 1.1.2.2 Description of Threat

Please refer to POLREP #1.

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

Please refer to POLREP #1.

## 2. Current Activities

### 2.1 Operations Section

**2.1.1 Narrative**

US EPA has mobilized ERRS and START contractors to assist with the removal of lead impacted soils found at several residential properties.

**2.1.2 Response Actions to Date**

On October 27, 2011, US EPA mobilized ERRS and START contractors to the site to begin lead removal and residential property restoration activities.

START has obtained 11 completed access agreements for lead removal purposes.

START collected a representative sample from the low-level lead impacted soil stockpile.

A soil staging area has been established in order to stockpile low-level lead impacted soil and clean backfill.

A hand-held X-Ray Fluorescence (XRF) field instrument is utilized to determine the presence and extent on lead impacted soil located in the residential properties. The USEPA residential cleanup standard of 400 ppm will be used for all properties associate with this removal action.

Progress of Residential Lead Removal Activities:

Address	ExcavationStart	ExcavationEnd	BackfillComplete	Over-Seeded
236 E. Commercial	10/31/2011	11/8/2011	11/18/2011	
701 N. Vine	11/10/2011	11/10/2011	11/16/2011	
201 S Clay	11/11/2011	11/15/2011	11/17/2011	
504 W. Virginia	11/16/2011	11/17/2011	11/17/2011	
133 N. Railroad				
212 S. Mulberry				

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

U.S. EPA Region 5 Superfund staff expects to begin work on the Remedial Investigation/Feasibility Study in spring 2012. All site sampling and characterization should be completed in calendar year 2012.

A remedial investigation is a study of the nature and extent of contamination at a cleanup site, while the feasibility study proposes and evaluates cleanup options. Cleanup alternatives are evaluated against criteria including effectiveness, overall protection and cost. U.S.EPA then proposes a cleanup plan for the site, and people have an opportunity to review and comment on that plan. This process can take years to complete, but the community is kept informed as the investigation moves forward. If an imminent threat to human health is discovered on the site or in the community then U.S.EPA can step in and do an emergency cleanup.

Once the Remedial Investigation/Feasibility Study is complete and a remedy selected, the responsible parties for this site will be given the opportunity to undertake the work. If they fail to do so, then the site will be eligible for federal cleanup funding. Remedy funding for all Superfund sites is allocated on the basis of the priority assigned to the site by U.S.EPA Headquarters.

**2.1.4 Progress Metrics**

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Low-level Lead Impacted Soil and Misc. Debris	Soil	None at this time	None at this time	None	Landfill (Special Waste)

**2.2 Planning Section**

US EPA Emergency Response and Removals Branch plans to remove lead from 10 residential properties in the fall of 2011.

**2.2.1 Anticipated Activities**

1. Residential Property Access – Access agreements between the US EPA and homeowner representatives will be utilized to provide US EPA and its contractor representatives.
2. Establish and Maintain a Project Staging Area – A staging area will be used to manage stockpiled lead impacted soil to be consolidated prior to transportation and disposal to the permitted land disposal facility.
3. Erosion Control – Install silt fencing around the soil staging area and down slope perimeter of residential yards to control the possible migration of lead impacted soil.
4. Removal of Lead Impacted Soil - Removal of all contaminated soils to controlled stockpile

- location. Arrange for and transport all lead impacted soils for off-site for disposal.
5. Restoration – backfill of excavated areas with clean material, re-vegetation as necessary.

**2.2.1.1 Planned Response Activities**

**2.2.1.2 Next Steps**

Continue excavation of low-level lead impacted soils from residential properties.

Site activities will be shut-down from November 19 – 26, 2011.

**2.2.2 Issues**

Seasonal wet weather conditions has impacted the ERRS contractors' ability to provide rapid backfill/restoration of select properties thus impacting the overall project schedule.

**2.3 Logistics Section**

No information available at this time.

**2.4 Finance Section**

**2.4.1 Narrative**

A task order was issued to Environmental Restoration, LLC on 9/27/2011 for \$190,000. Expenses to date are \$119,000.

The START Technical Directive Document was issued for \$25,000 on 10/4/2011. Expenses to date total \$12,364.00

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$190,000.00	\$119,000.00	\$71,000.00	37.37%
TAT/START	\$25,000.00	\$12,364.00	\$12,636.00	50.54%
<b>Intramural Costs</b>				
USEPA - Direct	\$0.00	\$5,500.00	(\$5,500.00)	0.00%
<b>Total Site Costs</b>				
	\$215,000.00	\$136,864.00	\$78,136.00	36.34%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

**2.5 Other Command Staff**

**2.5.1 Safety Officer**

Safety Meetings are held every morning and before the beginning a new work assignment.

**2.5.2 Liaison Officer**

**2.5.3 Information Officer**

**3. Participating Entities**

**3.1 Unified Command**

US EPA is directing all work in the removal effort.

**3.2 Cooperating Agencies**

Illinois EPA

Village of Sandoval

**4. Personnel On Site**

US EPA -- 1

START -- 1

**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.

POLREP #2 Last Updated 11/17/2011