

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
Update
Sandoval Residential Lead Removal
B5A8
Sandoval, IL
Latitude: 38.6139332 Longitude: -89.1183874

To: Kevin Turner, Superfund - Emergency Response Branch
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From: Kevin Turner, OSC

Date: 12/15/2011

Reporting Period: 11/26/2011 through 12/14/2011

1. Introduction

1.1 Background

Site Number:	B5A8	Contract Number:	
D.O. Number:		Action Memo Date:	9/14/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/27/2011	Start Date:	10/27/2011
Demob Date:	12/14/2011	Completion Date:	5/15/2012
CERCLIS ID:	ILN 053 980 454	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

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.

The soil staging area was restored and plans have been made to hydro-seed this area in the Spring of 2012.

A total of eight properties were remediated as part of this removal effort. Two property owners rescinded access. Therefore, those two properties were not remediated.

Progress of Residential Lead Removal Activities:

Address	ExcavationStart	ExcavationEnd	Backfill Complete	Over-Seeded
XXXX E. Commercial	10/31/2011	11/08/2011	11/18/2011	Spring of 2012
XXXX N. Vine	11/10/2011	11/10/2011	11/16/2011	" "
XXXX S. Clay	11/11/2011	11/15/2011	11/17/2011	" "
XXXX W. Virginia	11/16/2011	11/17/2011	11/17/2011	" "
XXXX N. Railroad	11/28/2011	11/28/2011	11/28/2011	" "
XXXX E. Commercial	11/30/2011	12/02/2011	12/12/2011	" "
XXXX E. Commercial	12/06/2011	12/07/2011	12/09/2011	" "
XXXX E. Commercial	12/08/2011	12/08/2011	12/09/2011	" "

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.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Low-level Lead Impacted Soil and Misc. Debris	Soil	1296 tons	-	None	Landfill (Special Waste) Perry Ridge LF Du Quoin, IL

R5 Priorities Summary		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	0
	Cubic yards of contaminated sediments removed and/or capped	0
	Gallons of oil/water recovered	0
	Acres of soil/sediment cleaned up in floodplains and riverbanks	0
Stand Alone	Acres Protected	3
	Number of contaminated residential yards cleaned up	8

Assessment	Human Health Exposures Avoided	37
	Number of workers on site	8

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

USEPA and ERRS will return in the Spring of 2012 to top-dress/re-grade any backfill area prior to hydro-seeding the eight properties remediated during this current removal effort. After hydro-seeding activities are completed, the eight affected property owners will assume all grass maintenance requirements henceforth. START will prepare official "clean letters" for OSC signature and will mail such to the eight affected homeowners.

2.2.1.1 Planned Response Activities

No additional response activities are planned by USEPA Region 5, Emergency Response and Removals Branch.

Because the site has been added to the National Priorities List, future clean-up of additional residential properties would most likely be performed by USEPA Region 5, Remedial Branch.

2.2.1.2 Next Steps

All USEPA staff along with START and ERRS contractors have demobilized from the site. However, USEPA and ERRS personnel will return in the Spring of 2012 to top dress/re-grade backfill areas and apply hydro-seed in order to re-establish a grass cover. After hydro-seeding takes place, residential property owners will assume watering and maintenance care of re-established grass cover.

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. Furthermore, the on-set of winter weather temperatures will require ERRS to demobilize at this time and return in the Spring of 2012 to re-grade backfill areas requiring such and place hydro-seed onto the topsoil for vegetative cover purposes.

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. On December 8, 2011, was issued an increase of \$22,000. ERRS expenses to date are \$206,696.25.

The START Technical Directive Document was issued for \$25,000 on 10/4/2011. On December 2, 2011, a Technical Directive Document amendment was issued for \$17,000. START expenses to date total \$24,665.00.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$212,000.00	\$206,696.25	\$5,303.75	2.50%
TAT/START	\$42,000.00	\$24,665.00	\$17,335.00	41.27%
Intramural Costs				
USEPA - Direct	\$0.00	\$5,500.00	(\$5,500.00)	0.00%
Total Site Costs				
	\$254,000.00	\$236,861.25	\$17,138.75	6.75%

* 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

ERRS -- 7

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 #3 Last Updated 4/20/2012