

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Lindsay Light II OU20 - Removal Polrep
 Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #2
 Final POLREP
 Lindsay Light II OU20

Chicago, IL
 Latitude: 41.8918384 Longitude: -87.6228515

To: Mark Johnson, ATSDR
 Marc Miller, Illinois DNR
 Todd Rettig, Illinois DNR
 Bruce Everetts, Illinois EPA
 John Kim, Illinois EPA
 Lindy Nelson, U.S. DOI
 Sam Borries, U.S. EPA
 Yolanda Bouchee-Cureton, U.S. EPA
 Jason El-Zein, U.S. EPA
 Sherry Fielding, U.S. EPA
 Charlie Gebien, U.S. EPA
 John Glover, U.S. EPA
 John Maritote, U.S. EPA
 Thomas Marks, U.S. EPA
 Carol Ropski, U.S. EPA
 Kimberly Worthington, Chicago Dept. of Fleet & Facility Management
 Rahmatunisa Begum, Chicago Dept. of Public Health
 Terry Sheahan, Chicago Dept. of Public Health
 Thomas Baughman, Illinois Department of Public Health
 Mary Fulghum, U.S. EPA Region V, ORC
 Eugene Jablonowski, U.S. EPA Region V
 Adnan Khayyat, IEMA
 Cathleen Martwick, U.S. EPA Region V, ORC
 Peter Cassell, U.S. EPA
 Debbie Keating, U.S. EPA Region V, ESS
 Susan Pastor, U.S. EPA Region V

From: Verneta Simon, on-scene coordinator

Date: 2/24/2014

Reporting Period: 11/8/2012-2/7/2014

1. Introduction

1.1 Background

Site Number:	05YT	Contract Number:	
D.O. Number:		Action Memo Date:	11/9/2012

Response Authority: CERCLA	Response Type: PRP Oversight
Response Lead: PRP	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit: OU20
Mobilization Date: 11/6/2012	Start Date: 11/6/2012
Demob Date: 12/1/2013	Completion Date: 2/7/2014
CERCLIS ID: 0000002212	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Renovation and reconstruction of a former restaurant and side parking lot

1.1.2 Site Description

This 0.11 acres site is owned by Standard Bank & Trust Co., as Trustee under Illinois LandTrust Number 21032, dated May 18, 2011 (Trust). Old Veteran Construction, Inc. (OVC) is the developer.

1.1.2.1 Location

164 -166 East Grand, Chicago, Illinois

1.1.2.2 Description of Threat

On October 5, 2012, legal counsel representing OVC contacted USEPA to inform the agency that his client had encountered elevated gamma while excavating beneath the lower level slab foundation to strengthen the current foundation and accomodate planned renovations.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The highest sample result from this October 5 work was 71.75 picoCuries per gram (pCi/g), which exceeds the Streeterville clean-up criterion of 7.1 pCi/g. Furthermore, 164-166 East Grand is across the street from Lindsay Light I, 161 East Grand, where the Lindsay Light Company refined monazite ore to produce thorium nitrate and manufactured thorium impregnated gas mantles.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Starting November 6, OVC began following the interim action letter, which is incorporated into the executed Administrative Settlement Agreement on Consent (ASAOC). Copies of the interim action letter and executed ASAOC are available under "Documents" on this website.

2.1.2 Response Actions to Date

In November 2000, USEPA performed a walkover radiological survey of the side parking lot area, but did not discover any elevated gamma. The Agency informed the then owner that no elevated gamma were found but cautioned that if the asphalt or concrete covering was removed or subsurface soils were excavated, it would be necessary to conduct additional radiological monitoring.

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

On October 29, 2012, an ASAOC was executed between USEPA and the Trust. This ASAOC required the Trust to excavate and remediate thorium-contaminated soils they encounter above the 7.1 pCi/g clean-up level. The Trust also agreed to pay USEPA response costs and record an institutional control requiring radiation monitoring of any part of the property that the Trust did not monitor or clean-up during this construction work. On February 3, 2014, AECOM submitted a Final Report meeting the requirements of the ASAOC. USEPA subsequently issued a notice of completion letter on February 7, 2014.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
	soil	12			

Thorium-contaminated			See Completion Report		U.S. Ecology, Grand View, Idaho
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 Assessment	Acres Protected	.11			
	Number of contaminated residential yards cleaned up	0			
	Human Health Exposures Avoided	50000			
	Number of workers on site	20			
Contaminant(s) of Concern					
Contaminant(s) of Concern	Thorium				

2.2 Planning Section

2.2.1 Anticipated Activities

N/A

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

On February 7, 2014, USEPA issued a notice of completion letter. According to the terms of the ASAOC, the Trust will record an Environmental Covenant because the Trust did not investigate the entire property and left contaminated material on-site.

2.2.2 Issues

None

2.3 Logistics Section

Not applicable

2.4 Finance Section

2.4.1 Narrative

Not applicable

2.5 Other Command Staff

2.5.1 Safety Officer

TA site safety plan was prepared as part of the ASAOC.

2.5.2 Liaison Officer

Not applicable

2.5.3 Information Officer

Susan Pastor is the USEPA Community Involvement Coordinator.

3. Participating Entities

3.1 Unified Command

Not Applicable

3.2 Cooperating Agencies

City of Chicago Department of Public Health

4. Personnel On Site

Not Applicable

5. Definition of Terms

OSC - On-Scene Coordinator

USEPA - United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to "Documents" on www.epaosc.org

6.2 Reporting Schedule

This is the last POLREP.

7. Situational Reference Materials

No information available at this time.