

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Exide Battery - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
Progress Report
Exide Battery
B5YX
Frankfort, IN
Latitude: 40.2851740 Longitude: -86.4956950

To: HQ EOC, U.S. EPA
Brian Schlieger, U.S. EPA
Jason El-Zein, U.S. EPA
Sam Borries, U.S. EPA
Jim Augustyn, U.S. EPA
Jaime Brown, U.S. EPA
Cecilia Moore, U.S. EPA
Carol Ropski, U.S. EPA
Carolyn Bohlen, U.S. EPA
John Glover, U.S. EPA
Jim Morris, U.S. EPA
Michael Rafati, U.S. EPA
Charles Rodriguez, U.S. EPA
Mark Johnson, ATSDR
Valencia Darby, U.S. DOI
Lindy Nelson, U.S. DOI
Rex Osborn, IDEM
Harry Atkinson, IDEM
Sam Payne, City of Frankfort
Rodney Wann, Clinton County Health Department

From: Shelly Lam, On-Scene Coordinator

Date: 10/9/2015

Reporting Period: September 5-9, 2015

1. Introduction

1.1 Background

Site Number:	B5YX	Contract Number:	EP-S5-09-05
D.O. Number:	175	Action Memo Date:	8/15/2015
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/8/2015	Start Date:	9/8/2015
Demob Date:		Completion Date:	
CERCLIS ID:	INN000510504	RCRIS ID:	IND001647460
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) incident category:
Manufacturing/processing/maintenance

1.1.2 Site Description

The Exide Battery Site is a Residential Area surrounding the former Exide Battery facility at 555 North Hoke Avenue in Frankfort, Clinton County, Indiana. The Exide facility was originally developed by Prest-O-Lite Manufacturing during the World War II era. After General Battery Company purchased the property from Prest-O-Lite Manufacturing, battery manufacturing operations continued at the facility. In 1987, Exide acquired General Battery Corporation and the facility. Exide continued battery manufacturing as a large quantity generator until manufacturing was discontinued in 1998. From February 1999 until 2013, the facility was used to store equipment from other Exide properties. Facility buildings were eventually demolished.

1.1.2.1 Location

This Residential Area is defined as the area bounded by Washington Avenue to the north, Kelley Avenue to

the east, the railroad to the south, and Young Street to the west. Coordinates for the center of the Residential Area are 40.2851740 degrees north latitude and 86.4956950 degrees west longitude.

1.1.2.2 Description of Threat

The U.S. Environmental Protection Agency (EPA) documented releases of lead in the soil nearby residences and trichloroethene (TCE) in the indoor air at one home. Lead and TCE are hazardous substances as defined by section 101(14) of CERCLA. Possible exposure routes include dermal contact with lead-contaminated soil; ingestion or inhalation of lead particles in soil; and inhalation of contaminated air that may have migrated through groundwater, i.e. vapor intrusion. Potential human receptors include residents in the Residential Area.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See previous Pollution Reports (PoIRep).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA signed an Action Memorandum on August 5, 2015 to conduct a time-critical removal action. The Action Memorandum is posted to the Documents section of www.epaosc.org/exidebattery.

2.1.2 Response Actions to Date

During the reporting period, EPA conducted the following activities:

- Conducted public and private utility locates on properties that required excavation;
- Excavated and backfilled four properties for a total of five properties excavated and backfilled;
- Collected soil samples from one property; and
- Collected indoor/crawl space/sub-slab air samples from one property.

At approximately 3:10 p.m. on October 7, 2015, EPA and its contractors ruptured a mis-marked high-pressure gas line serving the residence where lead-contaminated soil was being excavated. EPA had both public and private utility locations performed prior to excavation. However, the utility locators had not marked the line where it was ruptured.

EPA initiated emergency procedures by shutting off all equipment, evacuating the immediate area, evacuating the affected residence, notifying Vectren Energy's emergency number, and notifying nearby residents. Vectren Energy repaired the gas line and restored gas service to the home. The residents were able to return home by 6 p.m.

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

Information on the PRPs and enforcement activities is contained in the Confidential Enforcement Addendum to the Action Memorandum.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non-hazardous soil	Solid	645.34 tons	Various	NA	Clinton County Landfill, Frankfort, IN

2.2 Planning Section

2.2.1 Anticipated Activities

The following sections discuss planned response activities and next steps.

2.2.1.1 Planned Response Activities

EPA will suspend activities for the Columbus Day holiday. EPA will resume excavating and restoring properties on October 13th. EPA will continue sampling properties as requested.

2.2.1.2 Next Steps

See above.

2.2.2 Issues

None

2.3 Logistics Section

The Emergency and Rapid Response Service (ERRS) contractor provided logistical support.

2.4 Finance Section

2.4.1 Narrative

EPA approved an Action Memorandum for \$1,736,200 on August 5, 2015. Costs are in the table below. Oversight costs from the Superfund and Technical Assessment Team (START) contractor were not

available.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$365,000.00	\$152,905.64	\$212,094.36	58.11%
START - Site Assessment	\$80,000.00	\$76,943.84	\$3,056.16	3.82%
Intramural Costs				
USEPA - Direct	\$60,000.00	\$18,292.88	\$41,707.12	69.51%
USEPA - InDirect	\$200,000.00	\$142,607.41	\$57,392.59	28.70%
Total Site Costs				
	\$705,000.00	\$390,749.77	\$314,250.23	44.57%

* 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

On-Scene Coordinator (OSC) Lam is responsible for addressing worker health and safety concerns at a response scene, in accordance with 40 Code of Federal Regulations (CFR) § 300.150. Site personnel are working under a site-specific health and safety plan (HASP), and are attending daily health and safety briefings.

2.5.2 Liaison Officer

Not applicable (NA)

2.5.3 Information Officer

See previous PolRep.

3. Participating Entities

3.1 Unified Command

NA

3.2 Cooperating Agencies

EPA is receiving support from the Indiana Department of Environmental Management (IDEM), the City of Frankfort, and the Clinton County Health Department.

4. Personnel On Site

The following personnel were on-site during the reporting period.

Agency	# Personnel
EPA OSC	1
START	1
ERRS	7

5. Definition of Terms

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
ERRS	Emergency and Rapid Response Services
FWS	U.S. Fish & Wildlife Service
HASP	Health & Safety Plan
IDEM	Indiana Department of Environmental Management
NA	Not Applicable
OSC	On-Scene Coordinator
PolRep	Pollution Report
PRP	Potentially Responsible Parties
START	Superfund Technical Assessment and Response Team
TCE	Trichloroethene

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, refer to www.epaosc.org/exidebattery.

6.2 Reporting Schedule

PolReps will be submitted periodically.

7. Situational Reference Materials

NA

POLREP #3 Last Updated 10/9/2015