

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #2  
Progress Report  
Exide Battery  
B5YX  
Frankfort, IN  
Latitude: 40.2851740 Longitude: -86.4956950

**To:**  
**From:** Shelly Lam, On-Scene Coordinator  
**Date:** 10/2/2015  
**Reporting Period:** September 11 - October 2, 2015

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5YX	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>	175	<b>Action Memo Date:</b>	8/15/2015
<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>	9/8/2015	<b>Start Date:</b>	9/8/2015
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	INN000510504	<b>RCRIS ID:</b>	IND001647460
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 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 Report (PolRep).

## 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](http://www.epaosc.org/exidebattery).

### 2.1.2 Response Actions to Date

During the reporting period, EPA conducted the following activities:

- Consulted with U.S. Fish and Wildlife Service (FWS) concerning threatened or endangered species within the site boundaries. FWS indicated that the project is within the range of the federally endangered Indiana bat (*Myotis sodalis*) and the threatened northern long-eared bat (*Myotis septentrionalis*). However, FWS confirmed that there is no habitat for either of these species within the proposed project area, and that the project is not likely to adversely affect these endangered and threatened species;
- Distributed Emergency Contingency Plans to the Frankfort Fire Department, Frankfort Police Department, and Clinton County Health Department;
- Conducted public and private utility locates on properties that require excavation;
- Completely excavated and backfilled one property;
- Partially excavated and backfilled one property;
- Collected soil samples from 13 properties;
- Collected indoor/crawl space/sub-slab air samples from 3 properties; and
- Participated in a health and safety audit.

### 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	378.65 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 continue sampling properties as requested. Additionally, EPA will continue excavating properties where lead exceeds 400 milligrams per kilogram (mg/kg).

#### 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

No information available at this time.

## 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. Site personnel participated in a safety audit on September 30th.

### 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
mg/kg	milligrams per kilogram
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](http://www.epaosc.org/exidebattery).

##### 6.2 Reporting Schedule

PolReps will be submitted periodically.

#### 7. Situational Reference Materials

NA