

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Ellis Road - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #3  
Ellis Road  
049W  
Jacksonville, FL  
Latitude: 30.3202749 Longitude: -81.7436254

**To:**  
**From:** Terrence Byrd, On-Scene Coordinator  
**Date:** 11/24/2014  
**Reporting Period:** 12/16/2013-11/24/2014

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	049W	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/11/2012
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	PRP Oversight
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	12/2/2013	<b>Start Date:</b>	9/11/2012
<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, PRP Led removal with EPA oversight.

**1.1.2 Site Description**

AEC operated at the Site from 1981 to 1984 as a staging and re-packing facility for the disposal of PCB transformers. The company also provided for the transportation and disposal of others wastes. In 1984, a fire at the facility contributed to the spreading of contamination throughout the Site. Portions of the Site are open to the public and have residential dwellings located on the property. Although previous removal actions were conducted, as noted above, hazardous substances still remain on site.

**1.1.2.1 Location**

The Ellis Road/American Electric Corporation Superfund Site is located in Jacksonville, Duval County, Florida, and encompasses the former property on which American Electric Corporation (AEC) operated, located at 475, 495 and 523 South Ellis Road in Jacksonville, Duval County, Florida.

The Site is bounded to the north by Arnold Avenue, the east by Roberts Street, the south by Harold Avenue, and the west by South Ellis Road

**1.1.2.2 Description of Threat**

The American Electric Corporation operated at the Site from 1981 to 1984 as a staging and re-packing facility for the disposal of polychlorinated biphenol (PCB) transformers. The company also provided for the transportation and disposal of others wastes. In 1984, a fire at the facility contributed to the spreading of contamination throughout the Site. Portions of the Site are open to the public and have residential dwellings located on the property.

The results of the 2010 RSE published in the Removal Investigation Report (RI) indicate the presence of PCBs at the Site. PCBs are hazardous substances as defined by §101 (14) of CERCLA. The EPA and the International Agency for Research on Cancer (IARC) have determined that PCBs are probable carcinogens to humans. PCBs, if released from the Site, have the capability of presenting a potential hazard to the

occupants of the property and potentially to neighboring properties. The threat comes primarily from human exposure to the PCB contamination in surface soil through residential traffic and land use over the contaminated areas of the property. Direct contact, ingestion, and inhalation of PCBs are the primary pathways of exposure. Continued exposure of PCBs in surface soils may cause chronic health effects to the occupants of the property.

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

Site sampling was conducted from 12/02/2013 -12/11/2013. Incremental sampling methodology was used to gather samples for analysis. In order to further delineate the extent of contamination, a second round of sampling was performed in August, 2014. A synopsis of the results are below.

12 Sampling Units (Decision Units) representing the 4 city blocks (Site)

PCBs 2 exceeded the Florida Residential SCTL of 500 ug/Kg (both the former AEC facility parcels)

Dioxin 0 (zero) exceeded the Florida Residential SCTL of 7 ng/Kg (for 2,3,7,8 TCDD); Dioxins no exceedences.

Arsenic 3 marginally exceeded the Florida Residential SCTL of 2.1 mg/Kg; however, concentrations are representative of background conditions.

#### Discrete Soil Sampling PCBs completed in Dec 2013 and August 2014

69 soil sampling locations

150 individual soil samples analyzed (plus QA/QC analysis)

Of the 150 soil samples, 31 exceeded the Florida Residential SCTL of 500 ug/Kg

6 concrete sample locations collected for disposal purposes

6 individual concrete samples (plus QA/QC)

1 exceeded 500 ug/Kg

None of the samples exceeded the TSCA criteria of 50 ppm.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

#### 2.1.2 Response Actions to Date

No other response actions have taken place

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

PRPs have been identified and have formed the Ellis Road Steering Committee to provide direction and funding for cleanup.

#### 2.1.4 Progress Metrics

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

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

Removal activities are scheduled to begin in February, 2015. The excavation work plan is currently being drafted.

##### 2.2.1.1 Planned Response Activities

None

#### **2.2.1.2 Next Steps**

None

#### **2.2.2 Issues**

### **2.3 Logistics Section**

No information available at this time.

### **2.4 Finance Section**

No information available at this time.

### **2.5 Other Command Staff**

No information available at this time.

## **3. Participating Entities**

### **3.1 Unified Command**

USEPA

Ellis Rd Steering Committee

State of Florida

### **3.2 Cooperating Agencies**

## **4. Personnel On Site**

USEPA

Conesta Rovers & Associates

## **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.