

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Recycletronics - Akron Farm Facility - Removal Polrep  
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region VII

**Subject:** POLREP #1  
Initial  
Recycletronics - Akron Farm Facility  
B7L5  
Akron, IA  
Latitude: 42.8178701 Longitude: -96.4859118

**To:** Heath Smith, SEMD/AERR/RREP

**From:** Daniel O'Crowley, On-Scene Coordinator

**Date:** 5/5/2022

**Reporting Period:** 3/30/2022-5/5/2022

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B7L5	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	10/25/2021
<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>	3/30/2022	<b>Start Date:</b>	3/30/2022
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	IAN000720353	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Illegal cathode ray tube (CRT) glass storage facility.

#### 1.1.2 Site Description

##### 1.1.2.1 Location

The Recycletronics - Akron Farm Facility (Site) is located at 16998 160th Street, Akron, Plymouth County, Iowa (42.817870, -96.485911). The Site is located on a residential farmstead approximately three miles east of the city of Akron.

##### 1.1.2.2 Description of Threat

Analytical results indicate that lead is present in the CRT glass stored at the Site. Lead is a hazardous substance as defined in section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. § 9601(14). Toxicity Characteristic Leaching Procedure (TCLP) results confirm that the CRT glass is categorized as a hazardous waste since it exceeds the maximum concentrations for lead listed in 40 C.F.R. 261.24, Table 1.

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

A Removal Site Evaluation (RSE) was conducted in August 2021. The RSE consisted of general site reconnaissance and soil sampling around the approximately 9,000-square-foot storage building. Analytical results from soil samples collected around the building did not identify elevated concentrations of lead or other heavy metals. However, it was clear that the building was in a state of disrepair and had not been maintained. The cardboard gaylord boxes containing the CRT glass had deteriorated and blocked access beyond the first few feet of the building. The siding on one section of the building appeared to have blown off and intact CRT glass had been released outside of the building.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

The Site was an illegal storage location for a recycling business operated by Siouxland PC and Electronics Recycling, LLC (Recycletronics). The Site consists of an approximately 9,000-square-foot storage building located on a residential farmstead. Recycletronics leased the building primarily to store crushed and intact CRT glass.

#### 2.1.2 Response Actions to Date

Because this removal action will require substantial alterations to the property (dirt work, road construction, etc.), EPA and Superfund Technical Assessment and Response Team (START) contractors mobilized to the Site on March 30, 2022, to document site conditions.

Progress at the Site is currently delayed due to issues identifying transportation and disposal vendors who will accept the waste and have trucks available to haul the waste.

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

A viable PRP has not been identified for the Site.

### 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

#### 2.2.1.1 Planned Response Activities

The objective of this action will be to stabilize and/or dispose of all hazardous substances associated with this facility. TCLP results indicate that the CRT glass stored on site is a hazardous waste. The CRT glass will be transported to a qualified facility for recycling or disposal.

The CRT glass may be ground to a smaller diameter on site to reduce transportation and disposal costs. Due to site conditions, grinding and storage of crushed glass will likely occur outside and has the potential to contaminate nearby soils. Any affected media, as well as other wastes identified during the removal, will be characterized and treated or disposed of appropriately.

#### 2.2.1.2 Next Steps

The EPA's Emergency and Rapid Response Services (ERRS) contractor is working to identify appropriate vendors to ship and dispose of the CRT glass as a hazardous waste. ERRS is also working with vendors and conducting their own bench-scale studies to identify potential treatment methods to stabilize the CRT glass for disposal at a Subtitle-D landfill.

### 2.2.2 Issues

ERRS is having trouble identifying vendors willing to provide an appropriate number of trucks to haul waste from the Site in an expeditious manner.

## 2.3 Logistics Section

ERRS and START contractors will handle equipment logistics.

## 2.4 Finance Section

### 2.4.1 Narrative

The action memorandum for the Site approved a removal ceiling of \$1,238,137.68.

### Estimated Costs \*

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$992,000.00	\$10,799.15	\$981,200.85	98.91%
TAT/START	\$67,500.00	\$2,779.02	\$64,720.98	95.88%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$1,059,500.00</b>	<b>\$13,578.17</b>	<b>\$1,045,921.83</b>	<b>98.72%</b>

\* 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

No current issues to report.

#### **2.5.2 Liaison Officer**

A Liaison Officer is not required for this removal action.

#### **2.5.3 Information Officer**

An Information Officer is not required for this removal action.

### **3. Participating Entities**

#### **3.1 Unified Command**

Unified Command is not required for this removal action.

#### **3.2 Cooperating Agencies**

Iowa Department of Natural Resources (IDNR)  
Plymouth County Secondary Roads Department

### **4. Personnel On Site**

2 - EPA On-Scene Coordinators (OSCs)  
2 - START contractors

### **5. Definition of Terms**

CRT - Cathode Ray Tube  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
TCLP - Toxicity Characteristic Leaching Procedure  
RSE - Removal Site Evaluation  
START - Superfund Technical Assessment and Response Team  
PRP - Potentially Responsible Party  
ERRS - Emergency and Rapid Response Services  
HASP - Health and Safety Plan  
IDNR - Iowa Department of Natural Resources  
OSC - On-Scene Coordinator

### **6. Additional sources of information**

#### **6.1 Internet location of additional information/report**

The administrative record for the Site can be found at:  
<http://www.epa.gov/superfund/recycletronics>

#### **6.2 Reporting Schedule**

Pollution Reports will be issued as needed.

### **7. Situational Reference Materials**

No information available at this time.