

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Henryetta Iron and Metal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region VI

**Subject:** POLREP #2  
Final - PRP Oversight 3/2011  
Henryetta Iron and Metal  
Henryetta, OK  
Latitude: 35.4398080 Longitude: -95.9987830

**To:** Jennifer Handley, ODEQ  
Craig Carroll, Region 6  
James Williams, Muscogee Nation  
Brendan Roache, EPA Headquarters

**From:** Mark Hayes, Environmental Engineer, OSC

**Date:** 3/13/2011

**Reporting Period:**

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> CERCLA	<b>Response Type:</b> PRP Oversight
<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> 3/9/2011	<b>Start Date:</b> 12/15/2010
<b>Demob Date:</b> 3/11/2011	<b>Completion Date:</b> 3/11/2011
<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

Removal

#### 1.1.2 Site Description

Iron and metal scrap yard consisting mainly of material from oilfield operations. The facility is bordered by a residential community on the north and south sides. A school and a commercial business are directly east of the facility.

##### 1.1.2.1 Location

Henryetta, Oklahoma

##### 1.1.2.2 Description of Threat

9-55 gal Drums consisting of NORM waste and groundwater contamination of PCBs

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

Preliminary assessments indicated a presents of PCBs in the groundwater within the facility confines. It was reported that transformers were emptied of its contents on the property, which may be a possible source of the PCB contamination. There were no residential or commercial properties reported to be on drinking water wells, however, EPA will plan further assessments to determine whether a substantial environmental impact exist. 55 gal Drums consisting of NORM waste, possibly from oilfield operations, were present on the property. There is no fence separating the property and a neighboring residential area allowing unrestricted access to the property.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

On 31 March 2010 the Oklahoma Department of Environmental Quality (ODEQ) and EPA's Brownsfield Program conducted an assessment of the Henryetta Iron and Metal Facility located in Henryetta, Oklahoma. The property consist mostly of iron and metal material and equipment that was reportedly imported from oilfield operations. In addition to a site walk the assessment consisted of some soil, sediment, surface water, and groundwater sampling. During the assessment of the property 8-55 gallon drums of Naturally Occurring Radioactive Material (NORM) were discovered. Analytical results from sampling indicated a presence of Polychlorinated Biphenyls (PCBs) in the groundwater. ODEQ requested

the assistance of EPA's Removal Program to address the NORM contaminated drums and PCBs. On 15 December 2010 the EPA OSC conducted a site visit with ODEQ to further assess the NORM contaminated drums and PCBs.

On 15 December 2010 EPA and ODEQ screened the drums with a Thermo Electron Interceptor, a Model 19 MicroR meter, and a SAM 940. Screening of the drums indicated the presence of mostly Radium 226 and radiation levels as high as 1.2 millirems per hour (mR/hr). The EPA OSC met with the facility manager to discuss a response plan to address the NORM contaminated drums. The facility owner was instructed to overpack and secure the drums and to arrange for them to be properly removed and disposed of. EPA will provide oversight of the property owner's response activities.

On 9 March 2011 EPA, START-3, and ODEQ mobilized to the site to coordinate the disposal of the NORM contaminated drums. START-3 and ODEQ screened the drums with a Model 19 MicroR meter and a Ludlum 2241-2 probe. One additional drum was located and radiation levels measured as high as 316 microrems per hour. The drum was placed into an overpack and secured. Once all of the contaminated drums were moved out of the area, the ground surface was screened for radiation levels. The NORM contaminated drums were removed from the site on 11 March 2011 by the RP contractor.

It was reported by the facility manager that the dumping of transformer contents onto the the property ground had occurred previously. However, A date or timeframe of when this occurred was not specified. EPA plans to further assess the PCB groundwater contamination concern.

**2.1.2 Response Actions to Date**

On 11 March 2011 the EPA OSC met with the facility management and the PRP contractor to ensure the proper removal and disposal of the 9-55 gal drums of NORM waste.

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

The facility owner has been identified as a PRP.

**2.1.4 Progress Metrics**

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

**2.2 Planning Section**

**2.2.1 Anticipated Activities**

**2.2.1.1 Planned Response Activities**

Further assessment of PCB groundwater contamination. Possibly conduct sampling near perimeter and downstream of the facility.

**2.2.1.2 Next Steps**

PRP removal of NORM contaminated drums is complete. Further assessment of PCB groundwater contamination. Possibly conduct sampling near perimeter and downstream of the facility.

**2.2.2 Issues**

The property is fully occupied with heavy accumulation of iron and metal scrap material making any attempts to immediately address the PCB groundwater contamination limited. However, EPA is currently assessing whether a imminent and substantial impact to the environment exist from the PCB groundwater contamination.

**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**

No information available at this time.

**4. Personnel On Site**

No information available at this time.

**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.

POLREP #2 Last Updated 3/6/2020