

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
JCC Environmental - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #9
Stabilization of Wastes in West and North Buildings
JCC Environmental

Picayune, MS
Latitude: 30.4802957 Longitude: -89.6934641

To:
From: Brian Englert, On Scene Coordinator
Date: 5/27/2016
Reporting Period: 5/27/2016

1. Introduction

1.1 Background

Site Number:	B48J	Contract Number:	
D.O. Number:		Action Memo Date:	5/19/2016
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	5/19/2016	Start Date:	5/20/2016
Demob Date:		Completion Date:	
CERCLIS ID:	MSN000404848	RCRIS ID:	
ERNS No.:		State Notification:	5/10/2016
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response.

1.1.2 Site Description

Former used oil and waste recycling facility.

1.1.2.1 Location

137 J J Holcomb Rd, Picayune (Nicholson), Pearl River County, Mississippi

1.1.2.2 Description of Threat

Site is comprised of used oil and other oil materials stored in totes and drums which are leaking in an unsecured building and migrating to the ground outside. Spilled elemental mercury has been found scattered in an open and unsecured area. Abandoned aboveground storage tanks containing waste oil are located in a secondary containment area which has filled with rainwater, the freeboard is undetermined. The secondary containment areas contain oil saturated sorbents and there is a sheen on the trapped water. There are residences within 50-100 feet outside the fence line on three sides of the facility. A small creek flows on the southern border of the facility and a stream on the northern border. Access to the property, its buildings, and their contents is unsecured.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Mississippi Department of Environmental Quality (MDEQ) requested that EPA Emergency Response, Removal and Prevention Branch (ERRPB) conduct a removal site evaluation (RSE) at the JCC Environmental Site. The business filed bankruptcy in 2013 and was subsequently abandoned. EPA OSC Huyser met with MDEQ and one of the former JCC Environmental partners on May 17, 2016, to walk through and inspect the facility. Approximately 150 drums and 100 totes were found, most of which were full or at least partially filled and some of which were leaking. Contents of the full containers mostly appeared to be oil. Buckets marked corrosive and universal waste were found, some of which reportedly contained liquid elemental mercury waste. The former partner indicated that vandals may have broken instruments

containing mercury on the floor of one building.

There are three buildings located at the Site. The north building is closed and contains only a few drums, totes, and buckets. The west building is open and contains a majority of the drums and totes. The south building is office space. There are two above-ground storage tanks (ASTs) at the site with capacities in excess of 10,000-gallons each. Thermal imaging suggests that one tank is approximately 20% full while the other has a liquid level of only 12 inches. The tanks are within a shallow secondary containment area that is filled with rainwater and has a sheen on the surface. There are drums and totes within the secondary containment area as well.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Crews have completed sampling, stabilization and staging of all wastes in the tank farm, north building and west buildings. An estimated 38 lbs of elemental mercury has been shipped offsite for disposal. Debris potentially contaminated with mercury have been sampled and staged in the west building for disposal at a later date. Locked gates have been installed on the west building to secure all wastes stored there. Empty totes containing only residual materials have been stored under an overhang on the north side of the west building.

The north building has been locked and is equipped with a functional alarm system. Approximately 250 Haz Cats have been completed and numerous containers have been bulked. There are approximately 120 remaining Haz Cat samples which will be completed at a later date or during the time critical removal. OSC Englert, START and ERRS demobilized on 5/27/2016.

2.1.2 Response Actions to Date

- All wastes in the north and west buildings have been stabilized
- 250 haz cat samples have been completed
- An estimated 38 lbs of elemental mercury have been shipped for disposal
- Elemental mercury wastes has been shipped off for transportation and disposal
- Activities in the west building are nearly complete
- Cleared debris from north building
- Began cleaning sumps in north building
- Began staging drums in north building
- Delineated extent of spilled mercury contamination
- Continued cataloging containers & sampling containers onsite
- Completed cataloging containers & sampling containers in west building
- Cleared debris from west building
- continued staging catalogued and sampled drums and totes in west building
- Completed removal of wastewater from secondary containment area
- Completed pumping, removal and staging of wastes in the tank farm
- Completed decontaminating mercury-contaminated area
- Completed removal and decontamination of mercury-contaminated drums
- Continued hazard categorization
- Completed sludge removal from secondary containment area
- Completed removing piping from tank farm

Completed work in the tank farm

2.1.2.1 Current Container Count

Location	Count (=>5 gal)	Complete?
North Building	66	Yes
West Building	260	No
Tank Farm	17	No
Outside	139	Yes

Size	Count
Drums (20-75 gal)	314
Totes (220-500 gal)	116
Buckets (5 gal)	50

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

The former partner declared that there were no available funds associated with the business to conduct the

response and there were no other fund sources to undertake the action. Written access to conduct the response was not granted until May 18.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Petroleum Contact Water	Secondary Containment Area	5025 gal	1605647-01	Liquid Environmental Solutions	Treatment
Petroleum Contact Water	Secondary Containment Area	4735 gal	1605647-02	Liquid Environmental Solutions	Treatment
Mercury	Elemental	38 lbs est	007664748 FLE	Ecoflow	Reclamation

2.2 Planning Section

2.2.1 Anticipated Activities

Primary objectives will be evaluating safe working and operating conditions at the site, initial cleaning of spilled waste materials, securing containers and assessing the contents of each, then segregating by waste streams for later disposal.

2.2.1.1 Planned Response Activities

- Screen working areas to delineate potential mercury contamination; (COMPLETE)
- Catalog and document all containers throughout the Site and stage in a secure location to await disposal; (COMPLETE)
- Overpack or repackage materials from leaking containers; (COMPLETE)
- Sample waste materials for hazard categorization and profiling for treatment and/or disposal; (ONGOING)
- Remove free liquids and wastes from secondary containment area; (COMPLETE)
- Remove liquids and sludges from above-ground storage tanks and decontaminate, if necessary; (COMPLETE)
- Excavate stained soils resulting from previous on-site spills (COMPLETE);
- Perform additional surface and soil screening for additional contaminant hazards, if necessary;
- Perform air monitoring for on-site health and safety; (COMPLETE)
- Treat and/or dispose of waste materials from the Site. (ONGOING)

2.2.1.2 Next Steps

Additional haz catting and bulking of wastes will take place. Staged wastes will be disposed of.

2.2.2 Issues

No new information to report in this section at this time.

2.3 Logistics Section

OSC Englert, START, and ERRS demobilized on 5/27/2016.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC Englert, START and ERRS are providing safety support at this time.

2.5.2 Liaison Officer

No additional information to report in this section at this time.

2.5.3 Information Officer

No information to report in this section at this time.

3. Participating Entities

3.1 Unified Command

No information to report in this section at this time.

3.2 Cooperating Agencies

MDEQ

4. Personnel On Site

EPA (1)

ERRS (10)

START (2)

MDEQ (as available)

5. Definition of Terms

No information to report in this section at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

No information to report in this section at this time.

6.2 Reporting Schedule

No information to report in this section at this time.

7. Situational Reference Materials

None.