

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #4
ESI
B5YS
Indianapolis, IN
Latitude: 39.9128600 Longitude: -86.2423680

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Stephen Jones, Pike Fire Department
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From: Verneta Simon and Anita L. Boseman, On-Scene Coordinators

Date: 11/8/2010

Reporting Period: 10/25/2010 - 11/5/2010

1. Introduction

1.1 Background

Site Number:	B5YS	Contract Number:	EP-S5-09-05
D.O. Number:	47	Action Memo Date:	9/30/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/8/2010	Start Date:	10/8/2010
Demob Date:		Completion Date:	
CERCLIS ID:	INN0051050501	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

2. Current Activities

2.1 Operations Section

2. Current Activities

2.1.1 Narrative

See POLREP 1

2.1.2 Response Actions to Date

On October 25, 2010, ERRS entered the concrete access pit to locate the 36-inch diameter stormwater

sewer line and close the partially open butterfly valve to the west million-gallon bunker tank. The butterfly valve was too degraded for ERRS to close. ERRS pumped out and jet-cleaned three manways.

On October 26, 2010, there was approximately 0.5 inches of rain at the site in a short time period, causing the middle concrete access pit to overflow into the east pit and seemingly back up into the stormwater manways across the site. The 36-inch diameter stormwater sewer line appears to discharge into the concrete access pit. The following interim actions have been planned for the site: hauling some of the oily water from the million-gallon bunker tanks off site for disposal to increase site stormwater storage capacity, close off the connection (cap) between the stormwater lines on the northeast and southwest areas of the site, construct a berm to separate the surface stormwater from the northeast and southwest areas, thoroughly clean out the manways on the southwest area, and pressure wash oil-impacted concrete/asphalt surfaces in the southwest area. Once the northeast and southwest areas are capped and bermed, the stormwater will be collected separately and the southwest area stormwater may be discharged to the City of Indianapolis sanitary sewer pending analytical testing.

On October 27, 2010, ERRS pumped out and jet-cleaned the 20 manways previously cleaned before the rain event the morning of October 26, 2010.

On October 28, 2010, ERRS began pressure washing oil-impacted areas on the southwest area and saw cut asphalt for berm placement. Four 300-gal totes (approximately 1,050 gal) of sodium hydroxide were hauled to United Wastewater for reuse. A public meeting was held with predominantly City of Indianapolis and Pike Township attendees and concerns were raised about heavy rain events causing stormwater sewer overflow and runoff into surrounding area as well as odor issues. Meeting attendees were updated on all current and planned U.S.EPA site activities and fact sheets were distributed. The next meeting is scheduled for November 18, 2010.

On October 29, 2010, ERRS continued pressure washing oil-impacted areas on the southwest area, excavating for the stormwater cap, and began cleaning out frac tank 9. ERRS took one solid waste sample, ESI-SOLIDS-001, of the solidified sludge (sludge and fly ash) that is currently staged and covered on the north end of the site. ERRS took one soil sample, ESI-SOILS-002, of stained soil encountered approximately 4.2 ft bgs while excavating for the stormwater cap. Samples will be tested for the following laboratory analyses: VOCs and SVOCs. ERRS hand delivered the samples to Pace Analytical for a 5 day turnaround time.

From November 1 until November 5, 2010 ERRS capped the stormwater sewer between the northeast and southwest areas just north of manway SS17. Two of the three berms were constructed to control surface stormwater. The two API tanks and two DAF tanks were covered with their lids in order to avoid precipitation further increasing the liquid waste volumes. 9,000 gallons of oily water from the primary separator pit adjacent to the Administration Building was pumped to the west million-gallon bunker tank. AreaRAE monitoring was conducted on the site perimeter during the week of November 1, 2010 due to recent odor complaints in the surrounding area. Results of the AreaRAE air monitoring will be posted at a later date under the Documents section. In addition, in the evening on November 4, 2010 Jason Doerflin, Marion County Health Department, U.S.EPA OSC Simon, and START Ross spent about 1 hour in the vicinity of ESI assessing the air quality during a time where odor complaints typically occur.

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

Marathon Petroleum Company submitted a draft Site Inspection/Work Plan to the U.S.EPA to document the current site conditions for the properties leased by ESI.

2.1.4 Progress Metrics

Waste Stream	Quantity	Treatment	Disposal
Hydrogen Peroxide	900 gal		EQ Detroit, Inc.
Sodium Hydrosulfide	300 gal	Re-use	EQ Detroit, Inc.
Sodium Hydroxide	5,150 gal	United Wastewater for Re-use	
Oily Water	102,155 gal	United Wastewater for Re-use	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

- Possible water shut-off for 8 to 9 hours due to the City of Indianapolis monitoring the manway shared by ESI, Asphalt Materials, and Crider & Crider. The water will be shut off so the City can determine if ESI is the source of any water flowing into the shared manway.

- Inventory the laboratory located on the southwest corner of the Unloading Building.

- Haul out the remaining oily water from frac tanks 7, 8, 9, and 10 to United Wastewater to create storage capacity for future rain events.
- Complete construction of the third stormwater berm and complete concrete backfill of the stormwater cap excavation.
- WSP, ESI's insurance company's environmental consultant, may begin to mobilize equipment on or about November 11, 2010.

2.2.1.2 Next Steps

ERRS will prepare to demobe on or about November 12, 2010. U.S.EPA and START will be on site while WSP is working.

2.2.2 Issues

None

2.3 Logistics Section

Not applicable

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

A site safety plan was signed by all present.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

Not applicable.

2.7.2 Community Involvement Coordinator

Janet Pope, U.S. EPA

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management
Indianapolis Department of Public Works
Pike Township Fire Department

3.2 Cooperating Agencies

Marion County Health Department

4. Personnel On Site

1 EPA OSC
6 ERRS – Environmental Restoration, LLC
1 START – Weston Solutions, Inc.

5. Definition of Terms

ERRS – Emergency and Rapid Response Services
IDEM – Indiana Department of Environmental Management
OSC – On-Scene Coordinator
RCRA – Resource Conservation and Recovery Act
START – Superfund Technical Assessment and Response Team
U.S. EPA – United States Environmental Protection Agency
POLREP – Pollution Report

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to "Documents" on www.epaosc.org.

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to "Documents" on www.epaosc.org.