

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** **POLREP #27**  
**Progress**  
**ESI-PRP Removal**  
**B5YS**  
**Indianapolis, IN**  
**Latitude: 39.9128600 Longitude: -86.2423680**

**To:** Sue Michael, City of Indianapolis  
Tom White, Citizens Energy Group  
Harry Atkinson, IDEM  
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Megan Nagle, IDEM  
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**From:** Verneta Simon & Anita L. Boseman, On-Scene Coordinators  
**Date:** 10/24/2011  
**Reporting Period:** 10/17/2011 - 10/21/2011

1. Introduction

## 1.1 Background

<b>Site Number:</b>	B5YS	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/30/2010
<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>	4/6/2011	<b>Start Date:</b>	4/6/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	INN0051050501	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

### 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

#### 2.1.1 Narrative

See POLREP 1

#### 2.1.2 Response Actions to Date

On October 17, 2011, Midwest hauled off 1 load (6,000 gal) of oily water from cleaning the primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest hauled off (12) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest had (4) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued cleaning the primary separator pit. Midwest began jetting process pipelines leading to the primary separator pit.
- Midwest continued heat pressure washing sludge tanks in the solids building. Midwest began removing filter sands from three sand filters in the solids building and storing the material in vacuum boxes.
- Midwest pumped sludge from the east million gallon bunker tank to the solidification pits.
- Midwest continued cleaning the truck wash bay and unloading area in the unloading building.
- Trihydro treated stormwater with the GAC system.
- Trihydro requested visual inspection of the northeast sludge tank in the solids building. The tank is called "Tank 22" in EPA documents but is labeled Tank 24. There were no visible product residues after the cleaning process. The condition of the tank was documented with two photos of the interior.

On October 18, 2011, Midwest hauled off 1 load (6,000 gal) of oily water from cleaning the primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest received (3) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued cleaning the primary separator pit.
- Midwest continued jetting process pipelines leading to the primary separator pit.
- Midwest continued heat pressure washing sludge tanks in the solids building.
- Midwest continued removing filter sands from three sand filters in the solids building and storing the material in vacuum boxes.
- Trihydro treated stormwater with the GAC system.
- Steve Fleming (Safety Kleen), Bob Schueptee (Safety Kleen), and George Mathes (Trihydro) were on site for a site walk and meetings with on site personnel.

On October 19, 2011, Midwest hauled off 7 loads (39,300 gal) of oily water from manway MH-37 and the primary separator pit. Midwest hauled 5 loads (28,200 gal) to the United Waste Water Inc. facility in Cincinnati, OH. Midwest hauled 2 loads (11,100 gal) to the Clean Water Limited Cherokee Drive facility in Dayton, OH.

- Midwest hauled off (4) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (2) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest began cleaning the crack oil containment (south of the solids building).
- Midwest continued heat pressure washing sludge tanks in the solids building.
- Trihydro treated stormwater with the GAC system.
- Trihydro requested visual inspection of Tank 36, Tank 38, sand filter 1, sand filter 2, and sand filter 3.

There was no visible product on the floors or walls of the interior of any of the tanks. The condition was documented with two photos of each tank.

- George Mathes (Trihydro) was on site for a site walk and meetings with on site personnel.

On October 20, 2011, Midwest hauled off 5 loads (28,200 gal) of oily water from the primary separator pit, the west solidification pit, and manway MH-37 to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest hauled off (5) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest hauled off (3) 25 cyd vac boxes of unsolidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (2) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued cleaning the crack oil containment (south of the solids building).
- Midwest continued heat pressure washing sludge tanks in the solids building.
- Trihydro requested visual inspection of sludge tank 23 (labeled 22 on the tank, the southeasternmost of the large tanks in the solids building.) There was no visible product on the floor or walls of the interior of the tank. The condition was documented with two photos of the interior of the tank.
- Trihydro treated stormwater with the GAC system.
- Trihydro discharged approximately 26,500 gal of twice treated water to Oil Creek.

On October 21, 2011, Midwest hauled off 1 load (6,200 gal) of oily water from manway MH-19 to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest received (2) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued cleaning the crack oil containment (south of the solids building).
- Midwest continued heat pressure washing sludge tanks in the solids building.
- Midwest started and completed cleaning Tank 50.
- Current depth to sludge in the bunker tanks were measured: 11'5" – west million gallon bunker tank; 6'5" – east million gallon bunker tank.
- Trihydro requested visual inspection of Tank 50 (in the Tank 51 containment), Tank 34, and Tank 35. There was no visible product on the floor or walls of the interior of Tank 50. The condition was documented with two photos of the interior of the tank. There was visible product on the walls of Tanks 34 and 35. Midwest will continue cleaning and request inspection at a later date.
- Trihydro treated stormwater with the GAC system.
- Trihydro discharged 5,859 gal of twice treated water to Oil Creek.
- On Thursday, the PRP Group selected Roger Ward Engineering as their long term stormwater management contractor.

The wood pulp solidification material is a reclaimed/recycled product. As of October 21, 2011, approximately 5,200,000 pounds had been used to solidify waste sludge.

An updated figure depicting which vessels have been cleaned is available in the documents section of this website.

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

N/A

### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Discharge</i>	<i>Treatment</i>	<i>Disposal</i>
Oily Water	Liquid	3,559,447gallons		X	
Stormwater	Liquid	424,956 gallons		X	
Tank 51 Containment	Liquid	346,320 gallons		X	
Totes and Drums	Liquid	3,885 gallons		X	
Solidified Sludge	Solid	5,860 cyd			X
Unsolidified Sludge	Liquid	200 cyd		x	
Treated Stormwater	Liquid	214,687gallons	X		

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

- Pilot test for bunker tank removal activities.
- Pilot test for process piping decontamination.
- Increase Midwest crew size and hours to expedite site cleanup, especially on-site solidification of sludges.

### **2.2.1.1 Planned Response Activities**

None

### **2.2.1.2 Next Steps**

US EPA will provide oversight of PRP Group removal activities.

### **2.2.2 Issues**

Groundwater infiltration is suspected in the sanitary sewer system on Site. TriHydro is investigating potential options for mitigating infiltration.

Standing water has been observed in several locations around the site. EPA has requested that Trihydro address all standing water on site as soon as possible.

Ongoing management of wildlife at the site due to nearby ecosystems.

In previous POLREPs an incorrect name was used when referring to the oily water disposal facility. The correct name should be United Waste Water, Inc. not United Water.

"Control structure" refers to the pit or sump attached to and immediately south of the million gallon bunker tanks. It has been referred to as "access pit" and "access pit/control structure" in the past.

There has been no work to remove sludge in Tank 51 and the Tank 51 containment still has standing water. According to Amy Hui, WSP, the SDA for the water inside the Tank 51 containment expired on September 12, 2011.

Sludge viscosity could hamper work progress on the bunkered tanks as the temperature drops going into fall and winter.

There may be a need to remove portions of the concrete roof on the bunkered tanks to access the sludge within.

## **2.3 Logistics Section**

Not applicable.

## **2.4 Finance Section**

### **2.4.1 Narrative**

Not applicable.

## **2.5 Other Command Staff**

### **2.5.1 Safety Officer**

Not applicable.

### **2.6 Liaison Officer**

Not applicable.

### **2.7 Information Officer**

#### **2.7.1 Public Information Officer**

#### **2.7.2 Community Involvement Coordinator**

A date has not been selected for the next community meeting.

## **3. Participating Entities**

### **3.1 Unified Command**

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

### **3.2 Cooperating Agencies**

Marion County Health Department

## **4. Personnel On Site**

U.S. EPA  
START Contractor

## **5. Definition of Terms**

ASAOC – Administrative Settlement Agreement on Consent  
ERRS – Emergency and Rapid Response Services  
IDEM – Indiana Department of Environmental Management  
OSC – On-Scene Coordinator  
POLREP – Pollution Report  
PRP - Potentially Responsible Party  
RCRA – Resource Conservation and Recovery Act  
START – Superfund Technical Assessment and Response Team

**6. Additional sources of information**

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

For additional information, please refer to the US EPA lead removal action website at [www.epaosc.org/esj](http://www.epaosc.org/esj)

**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 the documents section at [www.epaosc.org/esj](http://www.epaosc.org/esj)

POLREP #27 Last Updated 11/8/2011