

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #50  
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  
Ryan Groves, IDEM  
Megan Nagle, IDEM  
George Ritchotte, IDEM  
Jason Doerflein, Marion County Health Department  
Sam Bruner, Pike Fire Department  
John Maritote, U.S. EPA Region V  
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Kim Cussen, United Water  
Stan Rigney, IDEM  
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Eric Kaufman, Marion County Health Department  
Jason Ravenscroft, Marion County Health Department  
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Bob Masbaum, Citizens Energy Group  
Kristen Heitman, Providence Wildlife  
Michael Massonne, City of Indianapolis  
Cheryl Carlson, Citizens Energy Group  
Emily Mack, City of Indianapolis  
Thomas Marks, U.S. EPA  
Rex Osborn, IDEM  
Gabriele Hauer, IDEM  
Max Michael, IDEM  
Deirdre Wyatt, IDEM  
Jennifer Schick, City of Indianapolis

**From:** Vernetta Simon, On-Scene Coordinator

**Date:** 4/3/2012

**Reporting Period:** 3/27/2012-4/2/2012

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 March 27, 2012, Midwest reinforced the safety fence surrounding the collapsed wall of the west bunker tank.

- The fence extends all the way around both bunker tanks.
- Midwest continued deconning and demobilizing equipment.
- Midwest demobilized from the Site.

On March 28, 2012, Trihydro returned to the Site.

- Trihydro discharged approximately 15,000 gallons of GAC system treated northeast area stormwater to Oil Creek.
- Southside Landfill approved the waste profile for the spent GAC carbon.
- AVS was on site to discuss jetting the northeast area storm sewer with Trihydro.
- Volvo rentals was on site to retrieve deconned pumps and a bulldozer.

On March 29, 2012, Trihydro discharged approximately 28,000 gallons of GAC system treated northeast area stormwater to Oil Creek.

- Trihydro washed accumulated northeast area sediment into the northeast area storm sewer by running pumps in a closed loop.
- Trihydro rearranged the hay bales and silt fencing east of the east bunker tank to provide better protection for the northeast area storm sewer from any sediment from the clay mound.
- Rain for Rent was on site to discuss the performance of the GAC system with Trihydro.

On March 30, 2012, Less than 0.1" of rain fell overnight.

- Trihydro discharged approximately 9,000 gallons of GAC system treated northeast area stormwater to Oil Creek.
- Trihydro hauled off 2 loads (11,000 gal) of storm water from the Tank 51 secondary containment to United Waste Water Inc.'s facility in Cincinnati, OH.
- Trihydro hauled off (4) 20 cyd roll-off boxes of solidified sludge and spent GAC carbon to Southside Landfill in Indianapolis, IN.
- Major waste removal was completed. However, there is still residual waste in the northeast area storm sewer, the solidification pits, Tank 6, and Tank 7.
- Trihydro washed accumulated northeast area sediment into the northeast area storm sewer by running pumps in a closed loop.

On April 2, 2012, 0.1" of rain fell over the weekend.

- Trihydro collected 4 samples from the Tank 51 secondary containment water: Tank51-WW1,20120402 – east of tank, near sump; Tank51-WW2,20120402 – near sump; Tank51-WW3,20120402 – north of tank; Tank51-WW4,20120402 – northwest of tank.
- EPA (OSC Simon and Carol Staniec); IDEM (Stan Rigny, Paul Cluxton, and Randy Braun); City of Indianapolis (John Oakley, Michael Massonne, Brad Dove, and Neil Marcus); Trihydro (Gary Risse and Tim Gunn); START (Rick Mehl and Jay Rauh); Roger Ward of Roger Ward Engineering; and PRP Group representative Steve Fleming participated in a meeting at the Site regarding the long term stormwater management plan and other site issues.
- Roger Ward discussed the proposed long term stormwater management plans. Implementation would include reconnecting the northeast and southwest areas. Ward accounted for 2 year, 10 year, and 100 year rain events in the planning. The plan includes a sediment drop out and oil/water separator. The proposed pond has approximately 1,000,000 gallons of capacity and releases 1/20 of the amount of water that flows into it. The plan would require yearly O&M.
- Mr. Fleming stated that the PRP Group did not believe that they should be responsible for implementing a long term stormwater management plan since they are only responsible for waste removal. The City of Indianapolis stated that they would fine the owner (trustees) if water escaped the Site.
- OSC Simon requested a copy of the City of Indianapolis ordinances relating to discharge from the Site
- Mr. Gunn asked IDEM if they would be amenable to pumping Tank 51 secondary containment water into the southwest area so that it could be treated with the GAC system. IDEM said that they would consider it if PCB's were non-detect in four samples of Tank 51 secondary containment water using analytical method EPA 608 with a 0.2 ug/L detection limit.
- All agreed that when AVS finishes sewer jetting, solidification pit powerwashing, and Tank 6/Tank 7 re-cleaning that oversight will be 1-2 days per week and that full time security would not be needed. In order to cut down on security, EPA requested "No Trespassing" signs with contact numbers answered by a person 24 hours/day. EPA also requested that personal floatation devices be placed near the bunker tanks and Tank 51 secondary containment.
- All agreed that Trihydro could remove the berms (concrete curbs on the asphalt driveway) separating the northeast and southwest areas.

The wood pulp and sawdust solidification materials are reclaimed/recycled products. As of April 2, 2012, approximately 15,250,000 pounds of wood pulp solidification media and 1,800 tons of sawdust solidification media have been used to solidify sludge. Additionally, 880 tons of lime solidification media and 45 tons of

TerraBond solidification media had been used to solidify waste sludge.

As of April 2, 2,259 tons of sand and 1,400 tons of limestone gravel had been placed into the east and west bunker tanks to access the remaining solidified sludge.

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

N/A

### 2.1.4 Progress Metrics

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Discharge</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>
Oily Water	Liquid	4,576,616 gallons		X	
Stormwater	Liquid	437,356 gallons		X	
Tank 51 Containment	Liquid	452,051 gallons		X	
Totes and Drums	Liquid	13,310 gallons		X	
Solidified Sludge	Solid	29,580 cyd			X
Unsolidified Sludge	Liquid	215 cyd		X	
Treated Stormwater	Liquid	1,147,236 gallons	X		

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

- Implement long term stormwater management plan.
- The PRP Group will be scrapping Tank 51.

#### 2.2.1.1 Planned Response Activities

None

#### 2.2.1.2 Next Steps

U.S. EPA will provide oversight of PRP Group removal activities.

#### 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

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 Community Meeting is tentatively planned for April or May 2012.

## 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

START Contractor  
Trihydro  
Roger Ward Engineering (subcontractor to Trihydro)  
AVS (subcontractor to Trihydro)

## **5. Definition of Terms**

ASAO – Administrative Settlement Agreement on Consent  
ERRS – Emergency and Rapid Response Services  
IDEM – Indiana Department of Environmental Management  
O&M - Operation and Maintenance  
OSC – On-Scene Coordinator  
POLREP – Pollution Report  
PRP - Potentially Responsible Party  
QMP - Quality Management Plan  
RCRA – Resource Conservation and Recovery Act  
START – Superfund Technical Assessment and Response Team  
U.S. EPA – United States Environmental Protection Agency

## **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/esl](http://www.epaosc.org/esl)

### **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/esl](http://www.epaosc.org/esl)