

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #24**
Progress
ESI-PRP Removal
B5YS
Indianapolis, IN
Latitude: 39.9128600 Longitude: -86.2423680

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From: Verneta Simon & Anita L. Boseman, On-Scene Coordinators
Date: 10/4/2011
Reporting Period: 9/26/2011 - 9/30/2011

1. Introduction

1.1 Background

Site Number:	B5YS	Contract Number:	
D.O. Number:		Action Memo Date:	9/30/2010
Response Authority:	CERCLA	Response Type:	PRP Oversight
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/6/2011	Start Date:	4/6/2011
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

2.1.1 Narrative

See POLREP 1

2.1.2 Response Actions to Date

On September 26, 2011, Midwest hauled off 9 loads (49,700 gal) of oily water from manway SS-23 and the primary separator pit to United Waste Water Inc.'s facility in Cincinnati, OH and to Clean Water Limited's Cherokee Drive Facility in Dayton, OH.

- Approximately 2.5" of rain fell over the weekend. Water pooled above the manholes in the northeast and southwest areas, but no stormwater breached the site berms.
- Midwest continued solidifying sludge with wood pulp in the solidification pits.
- Midwest had (4) 50,000 pound loads of paper pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH

On September 27, 2011, Midwest hauled off 5 loads (28,900 gal) of oily water from manway SS-23 and the primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- >0.10" of rain fell at the Site. The storm water did not pool above manholes or escape the Site.
- Midwest hauled off (5) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest pumped oily water from the northeast area into Tank 7 for storage prior to treatment with the GAC system.
- Greg Johnson of TriHydro discovered a small snapping turtle in the stormwater near the Chemical Building and captured it in a bucket.
 - Dan Sparks (U.S. Fish & Wildlife) was consulted and, since the turtle did not appear to have been exposed to site oil, he approved of the turtle being released in the ditch east of the site.

On September 28, 2011, Midwest hauled off 1 load (6,200 gal) of oily water from manway SS-23 to the United Waste Water Inc. facility in Cincinnati, OH.

- >0.10" of rain fell at the Site. The storm water did not pool above manholes or escape the Site.
- Midwest hauled off (15) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes.
- Midwest had (4) 50,000 pound loads of wood pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- TriHydro discharged approximately 6,500 gal of twice treated storm water to Oil Creek.
- Weston and Midwest discovered what appeared to be an aboveground pipe slowly leaking water just west of the DAF tanks. Upon further investigation, a small holding tank above the tank was connected to Tank 7 and was leaking northwest area stormwater stored in Tank 7.
 - Midwest closed the valve leading to this small holding tank and it appears to have lessened the slow leak.
 - Stormwater that was leaking was contained below the DAF tanks and posed no threat of release to the rest of the Site.

On September 29, 2011, Midwest hauled off 3 loads (17,900 gal) of oily water from manway SS-23 to the United Waste Water Inc. facility in Cincinnati, OH.

- Approximately 0.23" of rain fell at the Site. The storm water pooled above the manholes, but no water escaped the Site.
- Midwest emptied out their leased vac boxes containing sludge for cleaning and removal from the Site.
- Midwest plugged the east containment's west wall opening to the northeast area stormwater

overland flow.

- Per Steve Flemming (Safety Kleen), the PRP Group will closely monitor site conditions and local weather to ensure that no off-site stormwater releases occur as a result of the decreased stormwater storage capacity without the east containment as an overflow area.
- Midwest began cleaning the hydrogen peroxide tank northwest of the Solids Building.
- Midwest solidified sludge with wood pulp solidification media and placed the solidified sludge into 20 cyd roll-off boxes
- Midwest had (4) 50,000 pound loads of paper pulp solidification agent delivered from Appleton Papers, Inc. in Dayton, OH.
- TyiHydro discharged approximately 16,500 gal of twice treated storm water to Oil Creek
- As a result of Midwest closing the valve to Tank 7 leading to the small holding tank west of the DAF tanks, the slow leak of northeast area stormwater has stopped. However, it appears that there is a slow leak along the base of the tank. Stormwater from the Tank 6/7 containment discharges to the northeast area stormwater system, so there is no danger of an off-site release

On September 30, 2011, Midwest hauled off 1 load (5,600 gal) of oily water from the primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- 0.13" of rain fell overnight, but the stormwater did not overtop manholes or escape the Site.
- Midwest hauled off (5) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest removed 4 of their leased & cleaned vac boxes from the Site.
- Midwest continued solidifying material in the solidification pits with wood pulp.
- Midwest continued cleaning the hydrogen peroxide tank northwest of the Solids Building and took a confirmation sample.
- TyiHydro discharged approximately 20,650 gal of twice treated stormwater from Tank 6 & the polish water frac tanks to Oil Creek.

The wood pulp solidification material is a reclaimed/recycled product. As of September 30, 2011, approximately 2,550,000 pounds had been used to solidify waste sludge.

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	3,364,569 gallons		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	2,820 cyd			X
Treated Stormwater	Liquid	72,485 gallons	X		

2.2 Planning Section

2.2.1 Anticipated Activities

- Pilot test for bunker tank removal activities.
- Pilot test for process piping decontamination.

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. Warmer weather can lead to mosquito breeding in standing water. 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.

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

ASAO – 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
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

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

POLREP #24 Last Updated 10/26/2011