

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
Ongoing Activities
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
Janet Pope, U.S. EPA Region V
Kim Cussen, United Water
Stan Rigney, IDEM
Randy Braun, IDEM
Maupin Natalie, IDEM
Eric Kaufman, Marion County Health Department
Jason Ravenscroft, Marion County Health Department
Dan Sparks, USFWS
Ed Karecki, USFWS
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: Verneta Simon & Anita L. Boseman, On-Scene Coordinators

Date: 4/27/2011

Reporting Period: 4/25/2011 - 4/29/2011

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 April 25, 2011, per Tim Gunn (Trihydro), 2" of rain fell over the weekend (April 22 – April 24, 2011) and no stormwater migrated off site as a result.

- The cement seal in the million gallons tanks was tested further and appeared to be effective. The water level in the northeast area stormsewer was down significantly after pumping water into the frac tanks.
- Advanced Vacuum Services (AVS), a Trihydro subcontractor, used a high flow pump to transmit water from the northeast area stormsewer into 2 frac tanks (21,000 gallons each) and loaded tanker trucks from them.
- AVS loaded and hauled out 8 loads (43,500 gallons) of oily stormwater from the northeast area for treatment at Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- The cement seal in the million gallons tanks was tested further and appeared to be effective. The water level in the northeast area stormsewer was down significantly after pumping water into the frac tanks.

On April 26, 2011, several potential Trihydro subcontractors were on site developing approaches to clean surfaces and sewers in the northeast area.

- Trihydro initiated air monitoring with a PID (VOC) four-gas meter (H₂S, LEL, CO, O₂), focusing on areas where START previously stationed AreaRAEs on site during the air monitoring investigation in November 2010. No readings deviated from background concentrations.
- 0.75" of rain fell overnight, which filled the northeast area storm sewer but no pooled water was noted.
- AVS loaded and hauled out 7 loads (38,500 gallons) of oily stormwater from the site, 6 loads (33,000 gallons) from the northeast area and 1 load (5,500 gallons) from the primary separator pit, for treatment at Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- The liquid levels in the east and west million gallon bunker tanks did not drop as a result of the northeast area storm sewer being pumped out, which is further indication of the cement seal integrity.

On April 27, 2011, 0.75" of rain fell overnight and during the day, resulting in pooled stormwater above the manholes in the southwest and northeast areas.

- U.S. EPA OSC Verneta Simon met Stan Rigney (IDEM Industrial NPDES) for a site walk.
- Tom White and Mark Richards (City of Indianapolis) were on site to investigate spikes in the volume of water inflowing to the City of Indianapolis sanitary sewer and Kim Cussen (United Water) arrived on site due to the same issues. Water flowing in the flume in the Control Building was noted. Richard Wise (City of Indianapolis) requested the PRP Group block water flowing through the flume with a pig. Low flowing water at the City of Indianapolis stormwater sewer on 86th Street, which was also observed by personnel on site.
- Astbury Water Technology was on site on behalf of the City of Indianapolis Water Department to collect water samples from the flume and manhole leading off site to help determine if the water flowing through the manhole was coming from the Site. T. Gunn collected split samples ESI-Flume,042711 and ESI-86thSt,042711 at 1530 and 1400, respectively.
- A third 21,000 gallon frac tank was mobilized to the Site to provide additional stormwater storage capacity.
- AVS loaded and hauled out 10 loads (54,000 gallons) of oily stormwater from the site, 8 loads (44,000 gallons) from the northeast area for treatment at United Water's facility in Cincinnati, OH and 2 loads (10,000 gallons) from the primary separator pit, for treatment at Clean Water Limited's Cherokee Drive facility in Dayton, OH.

On April 28, 2011, 1" of rain fell during overnight hours, resulting in pooled stormwater above the manholes in the southwest and northeast areas.

- AVS loaded and hauled out 10 loads (53,000 gallons) of oily stormwater from the site, 8 loads (44,000 gallons) from the northeast area for treatment at United Water's facility in Cincinnati, OH and 2 loads (9,000 gallons) from the primary separator pit, for treatment at Clean Water Limited's Cherokee Drive facility in Dayton, OH.
- AVS inserted a bladder pig in the flume in the Control Building, stopping water flow through the flume. However, the water found another route to the sanitary sewer through an 8" line in manway SS-17. AVS then inserted a smaller bladder pig in manway SS-17 opening, which was successful in stopping the flow of water. Both operations required following confined space entry health and safety protocols.

On April 29, 2011, AVS loaded and hauled out 8 loads (38,500 gallons) of oily stormwater from the site, 7 loads (44,000 gallons) from the northeast area for treatment at United Water's facility in Cincinnati, OH and 1 load (5,500 gallons) from the primary separator pit, for treatment at Clean Water Limited's Cherokee Drive facility in Dayton, OH.

- Per T. Gunn, the bladder pigs are preventing water from flowing into the City of Indianapolis sanitary sewer and Trihydro will be in contact with the city about potentially discharging stormwater to the City of Indianapolis sanitary sewer on Monday, May 2, 2011.

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

On April 19, 2011, the City of Indianapolis issued a SDA to WSP. A copy of WSP's SDA is available on this website under "Documents".

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Oily Water	Liquid	416,980 gallons		X	

2.2 Planning Section

2.2.1 Anticipated Activities

- Clean storm sewer system
- Remove wastes
- Review submittals required by ASAO

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

Wet weather is anticipated the next couple of days.

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

The next community meeting will be held on June 6, 2011 at 2 pm.

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

N/A

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
 ASAO – Administrative Settlement Agreement on Consent
 PRP – Potentially Responsible Party

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/esj