

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #8**
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
Charles Gebien, U.S. EPA Region V
John Maritote, U.S. EPA Region V
Janet Pope, U.S. EPA Region V
Debbie Keating, U.S. EPA Region V, ESS
Karen Kirchner, U.S. EPA Region V, LCD
Kendall Moore, U.S. EPA Region V, LCD
Susan Perdomo, U.S. EPA Region V, ORC
Gary Prichard, U.S. EPA Region V, ORC
John Steketee, U.S. EPA Region V, ORC
Carol Staniec, U.S. EPA Region V, Water
Kim Cussen, United Water
Nola Hicks, U.S. EPA Region V, ORC
Mark Johnson, ATSDR
Robert Darnell, U.S. Department of Justice
Stan Rigney, IDEM
Randy Braun, IDEM
USCG NRC, NRC
Jeff Kelley, U.S. EPA
Maupin Natalie, IDEM
Eric Kaufman, Marion County Health Department
Carol Ropski, U.S. EPA Region V, ESS
Jason Ravenscroft, Marion County Health Department
Sherry Fielding, U.S. EPA HQ
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
Jason El-Zein, U.S. EPA
Beverly Kush, U.S. EPA
Valincia Darby, Department of Interior
John Glover, U.S. EPA
Deirdre Wyatt, IDEM
Samuel Borries, U.S. EPA Region V
Jennifer Schick, City of Indianapolis
Joseph Malek, U.S. EPA Region V
Gary Newhart, U.S. EPA ERT

From: Verneta Simon & Anita L. Boseman, On-Scene Coordinators
Date: 6/17/2011
Reporting Period: 6/13/2011 - 6/17/2011

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 June 13, 2011, AVS hauled off 1 load (6,000 gal) of oily water from the northeast area to United Water's facility in Cincinnati, OH.

-As a result of the precipitation over the weekend, most of the northeast area was flooded, the primary separator pit water level was raised, the east containment was at capacity, and a small amount of water was backing up into the unloading building.
-AVS pumped oily water from the northeast area into two frac tanks (approximately 40,000 gal) to lower the water level in the area.

On June 14, 2011, AVS hauled off 10 loads (57,000 gal) of oily water from the northeast area to United Water's facility in Cincinnati, OH.

-OSC Verneta Simon was on site & discussed the ducklings with Kristen Heitman (Providence Wildlife):
· Due to the rescue dog used to help retrieve ducklings on 6/10/2011 "smelling like diesel fuel", K. Heitman will no longer allow volunteers to rescue remaining ducklings for free.
· Since WSP planned to empty the Tank 51 secondary containment, Ken Gollon (Trihydro), Bill Corya (AVS), & START Shauna Ross rescued two of the 4 remaining ducklings in the Tank 51 containment and OSC Simon transported them to K. Heitman for rehabilitation.
· OSC Simon purchased duck food for the remaining ducks/ducklings in the containment.
-Trihydro/AVS collected an oily water sample from manway SS-23 as a baseline comparison to future treated water from the carbon treatment system for City of Indianapolis discharge parameters analysis at Pace Analytical.
-Tetrasolv Filtration delivered the two trailer-mounted granular activated carbon (GAC) units and duplex bag filter system.
· The treatment system was staged north of the frac tanks, which are north of the solids building.
· The treatment system has 50 gallons per minute (gpm) capacity.
-Richard Wise (City of Indianapolis) called OSC Simon in regards to the pig dislodging last week and the flow of stormwater from the southwest area to the northeast area.
· R. Wise is resigning from the City as of June 17, 2011 and contacts for the Site will be Bob Masbaum (City of Indianapolis), Kim Cussen (United Water), and Tom White (City of Indianapolis).

On June 15, 2011, AVS hauled off 14 loads (81,300 gal) of oily water from the northeast area and east containment to United Water's facility in Cincinnati, OH.

-Approximately 1 inch of rain fell during the day within a 3-hour time period.
-AVS filled the two remaining frac tanks with oily water from the northeast area. All four frac tanks were at capacity (approximately 80,000 gal).
· Between hauling oily water off site and into the frac tanks, Trihydro/AVS was able to manage the stormwater above ground in the northeast area, but water levels in the primary separator pit and east containment remained elevated.
-Asphalt Materials (AMI) submitted an email of their plan for the stormwater issue on their adjacent property with supporting survey documentation.
· Per their surveying contractor (Stephen J Christian & Associates), 80.7% of the stormwater that fills the AMI parcel, which was fenced in by ESI, originates from the surrounding AMI property and 19.3% of the stormwater originates from the surrounding ESI property.
· The engineer's recommendation is to install an under-drain with a receiving point for the run-off located at the fence line near the south edge of the parcel which would ultimately be pumped to AMI's retention pond. AMI would also pour a concrete dike wall at the AMI-ESI property line approximately 18 inches high and partially fill the AMI parcel with dense aggregate or other material so that the "AMI water" will flow west into the AMI drainage capture system.

- If this is not acceptable to the PRP group and the bankruptcy trustee, then AMI will reconfirm their offer to "even-trade" the AMI parcel with a triangular ESI parcel north of the AMI parcel.
- K. Heitman emailed a status update to OSC Simon, highlighting the following:
 - Of the two oiled mallard ducklings from the primary separator pit, rescued on June 17, 2011, one survived.
 - Of the nine mallard ducklings rescued from Tank 51 containment on June 10, 2011, four survived.
 - Of the two mallard ducklings (with "diesel fuel odor") rescued from Tank 51 containment on June 14, 2011, both are doing well.
 - The mother mallard and two ducklings remaining in the Tank 51 containment continue to be at risk due to unsafe water and lack of vegetation growth in the water.
 - The waterfowl feed from Providence Wildlife purchased by OSC Simon in conjunction with containers of fresh water should help the remaining ducks survive better.
 - K. Heitman is state and federally permitted for wildlife rehabilitation, education, and salvage. K. Heitman is also certified by the International Wildlife Rehabilitation Council.
- Four birds nests were identified within the solids building due to the access points on the south solids building wall.
- Per Dave McLay (WSP), due to the rain in the forecast, WSP's subcontractor Focus Contracting will not be on site to pump Tank 51 containment water to the City sanitary sewer until Friday, June 17, 2011.
- Focus will also bring a frac tank on site for stormwater storage from the Tank 51 containment.
- In the future, Focus will be on site following rain events to pump to the frac tank, then to the City sanitary sewer once they receive discharge approval.

On June 16, 2011, AVS hauled off 13 loads (75,000 gal) of oily water from the northeast area, frac tanks, and east containment to United Water's facility in Cincinnati, OH.

- AVS emptied three of the four frac tanks with oily water from the northeast area.
- AVS lowered the water level in the east containment.
- K. Gollon and START Ross rescued the one remaining duckling from the Tank 51 containment since the other one apparently did not survive.
- Focus Contracting (WSP subcontractor) transported the duckling to K. Heitman for rehabilitation.
- Tom White and Mark Richards (City of Indianapolis) were on site.
- K. Gollon and START Ross walked the site with them in order to address concerns regarding stormwater drainage and the pigs not holding adjacent to the control building.
- Per T. White, within the next 60-90 days the City of Indianapolis will be transferring control of the City water and wastewater utilities to Citizens Energy Group.
- Focus was on site to pump Tank 51 containment water to the City sanitary sewer.
- Focus emptied out the Tank 51 containment
- Discharge event information:

- Initial Time: 1715;	Initial Reading: 1,319,700 gal
- Final Time: 2305;	Final Reading: 1,362,913 gal
- Total Volume: 43,213 gal;	Average Flowrate: 124 gpm

On June 17, 2011, AVS hauled off 6 loads (35,500 gal) of oily water from the northeast area, frac tanks, and east containment to United Water's facility in Cincinnati, OH.

- All four AVS frac tanks are empty.
- AVS lowered the water level in the east containment to less than half full.
- The primary separator pit and west solidification pit water levels remain high. Per K. Gollon this is due to a lack of vac trucks and will be addressed on Monday, June 20, 2011.
- Focus staged a frac tank on site for stormwater storage from the Tank 51 containment - east of the containment and north of the administration building.
- Trihydro/AVS site activities for Monday, June 20, 2011:
 - Continue oily water hauling/stormwater management, including stormwater discharge to the City of Indianapolis sanitary sewer (pending City approval).
 - Cleaning of the four AVS frac tanks: two cleaned out somewhat in order to store water prior to GAC treatment and two cleaned thoroughly to store water after treatment and prior to sampling/discharge.
 - A plumber will be on site to inspect the ESI backflow preventers.
 - Cementing the pig in the 18" pipeline discharging into the flume adjacent to the control building to prevent future discharge to the City of Indianapolis sanitary sewer.
 - Announcement/notification/mobilization of cleanup subcontractor.

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

N/A

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Oily Water	Liquid	1,570,980 gallons		X	
Stormwater*	Liquid	221,466 gallons		X	
Tank 51 Containment	Liquid	295,863 gallons		X	

2.2 Planning Section

2.2.1 Anticipated Activities

- Revised Work Plan

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

US EPA will provide oversight of PRP Group removal activities.

Tank 51 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.

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

The next community meeting will be held on August 1, 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

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
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/esj

POLREP #8 Last Updated 6/21/2011