

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #9
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
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: 6/27/2011

Reporting Period: 6/20/2011 - 6/24/2011

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 20, 2011, AVS hauled off 14 loads (76,500 gal) of oily water from the northeast area and primary separator pit to United Water's facility in Cincinnati, OH.

-Approximately 2.5" of rain fell over the weekend, an additional 2.5" of rain during the morning.

-AVS pumped 80,000+ gal of water from the northeast area into the four frac tanks.

-Focus Contracting (WSP subcontractor) was on site briefly to assess the Tank 51 containment situation.

-Trihydro has Site Manager Tim Gunn and Trihydro Site Supervisor Greg Johnson on site this week.

On June 21, 2011, AVS hauled off 22 loads (130,500 gal) of oily water from the northeast area and two frac tanks to United Water's facility in Cincinnati, OH.

-AVS pumped out two of their four frac tanks in order to be able to clean them.

· These two frac tanks were pressure washed and will be used for raw water (pretreatment) storage for the granular activated carbon (GAC) system.

-Per Kristen Heitman at Providence Wildlife, of the 14 ducklings rescued from the site, 8 have survived and are thriving.

-Site personnel consult K. Heitman on how to address the bird situation in the solids building. Since birds appear to be entering the building through oversized pipe holes on the south end of the solids building, these access points may need to be blocked. K. Heitman also recommends removing the birds nests if they do not contain offspring.

On June 22, 2011, AVS hauled off 21 loads (121,804 gal) of oily water from the northeast area and two frac tanks to United Water's facility in Cincinnati, OH and Clean Water's facility in Dayton, OH.

-AVS pumped out their two remaining frac tanks in order to be able to clean them.

· These two frac tanks were pressure washed, cleaned thoroughly with confined space entry, and will be used for treated water storage for sampling and prior to discharge.

-OSC Verneta Simon conducted a site meeting including U.S. EPA, START, Trihydro, Heritage, and Asphalt Materials, Inc. (AMI) personnel to address the AMI-ESI stormwater issue.

· AMI agreed to an interim action proposed by U.S. EPA/START of building up the existing berm in the disputed parcel.

-The berm will be built up approximately 1-ft high using sandbags and poly sheeting.

-Per AMI, the berm will be constructed by end of business on June 24, 2011.

-AMI pumping out and managing the water in this area was contingent on Trihydro/AVS pumping out the existing water, containing comingled ESI-AVS stormwater, prior.

-AVS pumped out the water in the disputed parcel area (approximately 12,000 gal) into the center solidification pit.

-Trihydro/AVS had a plumber on site to inspect the Site backflow preventers.

-Trihydro/AVS cemented the pig in the 9" pipeline discharging into the manway adjacent to the control building to prevent future discharge to the City of Indianapolis sanitary sewer.

-Trihydro/AVS pumped southwest area stormwater to the City sanitary sewer.

· Discharge event information:

-Initial Time: 1155; Initial Reading: 1,009,430 gal

-Final Time: 1800; Final Reading: 1,108,430 gal

-Total Volume: 99,000 gal; Average Flowrate: 272 gpm

On June 23, 2011, AVS hauled off 19 loads (107,504 gal) of oily water from the northeast area, east containment, primary separator pit, and unloading building to United Water's facility in Cincinnati, OH and Clean Water's facility in Dayton, OH.

-AVS pumped out approximately 3,500 gal of standing water from the unloading building, which was thought to be due to overland flow during the heavy rain events earlier in the week.

-AVS pumped northeast area water back into the two cleaned raw water frac tanks.

-AMI began working on the interim action of building up the existing berm in the disputed parcel.

· AMI completed approximately 75% of the 1-ft high berm addition using large sandbags and poly sheeting.

-Compton Mechanical Services, Inc. (CMSI) was on site to inspect the Site backflow preventers provided a status update.

· 3 fire suppression service backflow preventers:

-1 out of service;

-2 need new meters installed prior to reinspection.

· 9 domestic service backflow preventers:

-2 compromised;

-1 mislabeled with a bad ID from the City of Indianapolis;

-2 not in service & not requiring further action by the City of Indianapolis;

-4 passed inspection.

-Trihydro briefly ran the GAC system in order to sample the treated effluent from the northeast area water in the raw water frac tanks.

-Trihydro submitted the water sample NEArea-GAC,062311 for discharge parameter analysis.

-Focus pumped Tank 51 stormwater to the City sanitary sewer.

· Discharge event information:

-Initial Time: 1640; Initial Reading: 0 gal
-Final Time: 2130; Final Reading: 39,257 gal
-Total Volume: 39,257 gal; Average Flowrate: 136 gpm

On June 24, 2011, AVS hauled off 2 loads (9,102 gal) of oily water from the northeast area to United Water's facility in Cincinnati, OH.

-The PRP Group identified their cleanup subcontractor: Midwest Environmental Services, Inc. (Midwest) of Brownstown, IN.

· Midwest is a member of the PRP Group.

-AMI completed construction of the interim action berm addition in the AMI-ESI parcel.

· AMI placed a small pump on their property west of the fence & was pumping water from the area.

-CMSI was on site again to assess the Site backflow preventers situation.

-Trihydro/Tetrasolv temporarily moved the GAC system east of frac tanks 7-10 and briefly ran the GAC system in order to sample the treated effluent from the southwest area water from manway SS-17.

· Trihydro submitted the water sample SWArea-GAC,062411 for discharge parameter analysis.

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>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Oily Water	Liquid	2,016,390 gallons		X	
Stormwater*	Liquid	320,466 gallons		X	
Tank 51 Containment	Liquid	335,120 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.

The PRP Group will potentially begin drum/tote removal activities on July 1, 2011.

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

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 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

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