

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #7
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
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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
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Thomas Marks, U.S. EPA
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Max Michael, IDEM
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Jennifer Schick, City of Indianapolis

From: Verneta Simon & Anita L. Boseman, On-Scene Coordinators

Date: 6/10/2011

Reporting Period: 6/6/2011 to 6/10/2011

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 6, 2011, START Trena Seilheimer arrived site at 0915 with no Trihydro/AVS personnel on site, the gate unlocked, and no security guard present.

- A tanker truck was onsite due to miscommunication and left without hauling material out.
- Standing water was observed throughout the northeast area of the site due to precipitation over the weekend.
- START Seilheimer identified water flowing in the City sanitary sewer manway adjacent to the control building due to the pig in the 9" pipeline no longer holding.
- OSC Verneta Simon and Steve Flemming (Safety-Kleen) participated in the Community Meeting. Following the meeting, S. Flemming was on site. The next community meeting will be held on August 1, 2011 at 2 pm.

On June 7, 2011, AVS hauled off 6 loads (35,000 gal) of oily water from the northeast area of the site to United Water's facility in Cincinnati, OH.

- START Shauna Ross identified two heavily oiled mallard ducklings in the primary separator pit.
 - OSC Simon contacted the Indianapolis Enforcement Dispatcher and Providence Wildlife.
 - Providence Wildlife requested that the ducklings be delivered to the Hillview Rehabilitation Center & Veterinary Clinic in Franklin, IN for treatment and rehabilitation.
 - START Ross and Ken Gollon (Trihydro) removed the ducklings, placed them in a box, and K. Gollon transported them to the facility.
- AVS pumped oily water into the frac tanks staged north of the solids building.
- Trihydro had additional AVS personnel on site to address the water flowing in the City sanitary sewer manway adjacent to the Control Building noted on June 6, 2011 by START Seilheimer.
 - AVS conducted a confined space entry, determined that the pig in the 9" line had become dislodged, and tightened/replaced the pig.

On June 8, 2011, AVS hauled off 10 loads (59,000 gal) of oily water from the northeast area, primary separator pit, and east containment to United Water's facility in Cincinnati, OH.

- OSC Simon was in contact with Ed Karecki and Dan Sparks (U.S. Fish & Wildlife Services) pertaining to the oiled mallard ducklings in the primary separator pit on June 7, 2011.
- After noting high water levels in the primary separator pit June 7, 2011 and no standing water in the drainage area east of the unloading building (which drained to the primary separator pit and was plugged by AVS), START Ross noted the water levels in the grates east of the unloading building before and after AVS pumped a truckload of oily water from the primary separator pit.
 - Due to both the water in the grate and the water in the primary separator pit lowering approximately 6" after pumping, it became apparent that the cap AVS installed was likely not working properly.
- Per K. Gollon, the carbon treatment system is scheduled to arrive on site within the next few days.
 - Due to secondary containment concerns, Trihydro plans to stage the roughly 8'x18' treatment system just north of the frac tanks on the north side of the solids building instead of on the gravel/grass area between the dehydration building & bunker tanks, as originally planned.

On June 9, 2011, AVS hauled off 8 loads (47,000 gal) of oily water from the east containment, primary separator pit, and solidification pits to United Water's facility in Cincinnati, OH.

- D. Sparks was on site to assess the site wildlife issues and recommended the following (comment letter listed in Documents section):
 - Potentially put up netting at the primary separator pit;
 - Ensure that Asphalt Materials addresses the pooled water north of the control building;
 - Keep the stormwater that continuously pools adjacent to the solidification pits pumped down;
 - Keep the east containment pumped down due to the nearby ecosystem.
- AVS pumped down the oily water in the primary separator pit to below the connection to the drainage area east of the unloading building.
 - Judging from the drainage, the plug AVS installed is not working properly.
 - AVS plans to plug this again at a later date to reduce stormwater flow to the primary separator pit.
- The PRP group had personnel from Roger Ward Engineering, Inc. of Indianapolis, IN on site to assess the site stormwater situation.
- Trihydro/AVS collected 3 sludge grab samples from Tank 51 (northeast of the manway):
 - AST51-S1: Surface sludge sample collected with a ponar for PCB, flashpoint, & TCLP metals/VOC/SVOC analysis.
 - AST51-S2: Subsurface (~1.5' bss) sludge sample collected with 50' of 1" PVC pipe with two poly bottles attached to the end for PCB, flashpoint, & TCLP metals/VOC/SVOC analysis.
 - AST51-S3: Subsurface (~5' bss) sludge sample collected from the end of a 60' of 1" PVC pipe for flashpoint & TCLP metals/VOC/SVOC analysis (not enough volume collected for PCBs).

On June 10, 2011, AVS hauled off 4 loads (23,000 gal) of oily water from the east containment and solidification pits to United Water's facility in Cincinnati, OH.

- OSC Simon, D. Sparks, START Ross, S. Flemming, and K. Gollon participated in a conference call regarding the mallard ducks/ducklings living in the Tank 51 secondary containment. There are 13 ducklings and 1 hen in the containment.
 - Per D. Sparks, due to the young age of the ducklings and lack of food supply in the containment, they will likely not survive through the weekend. D. Sparks also mentioned that putting up netting over the primary separator pit may cause more problems than it might solve.

OSC Simon coordinated with Providence Wildlife to have their personnel on site to retrieve the mallards. Nine of the 13 ducklings were rescued. Four ducklings remain in the containment with the hen. The nine mallards captured were transported to the Hillview Rehabilitation Center & Veterinary Clinic in Franklin, IN & will be under the care of a licensed wildlife rehabilitation specialist.

-The PRP group had personnel from Commonwealth Engineering, Inc. of Indianapolis, IN on site to assess the site stormwater situation.

-Trihydro pumped down the primary separator pit, east containment, and solidification pits to less than 50% in each pit/containment.

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	1,316,180 gallons		X	
Stormwater*	Liquid	221,466 gallons		X	
Tank 51 Containment	Liquid	252,650 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

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
 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
bss – Below sludge surface
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/esj

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