

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Diversified Chemical Technologies - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #1**
Diversified Chemical Emergency Response
Diversified Chemical Technologies
B5TL
Detroit, MI
Latitude: 42.4068160 Longitude: -83.1161430

To: Jason El-Zein, U.S. EPA
Linda M. Nachowicz, U.S. EPA
Beverly Kush, U.S. EPA
David Chung, U.S. EPA - HQ
Bill Messenger, U.S. EPA
Maryjane Adamo, U.S. EPA
Mick Hans, U.S. EPA
Tracy Johnson, U.S. EPA
Jeff Kelley, U.S. EPA
John Maritote, U.S. EPA
Carol Ropski, U.S. EPA
Michael Chezik, U.S. DOI
Jane Mackey, Congressman Conyers
Osric Wilson, Detroit Fire
William Hischke, Detroit Env. Affairs
Harold Watkins, Detroit Fire
Captain Jack Wiley, Detroit HAZMAT
Tracy Kecskemeti, MDEQ
Joe Walczak, MDEQ
Milton Scales, MDEQ - EMC
Bruce VanOtteren, MDEQ - EMC
Duty Officer, NRC

From: Brian Kelly, OSC

Date: 8/26/2009

Reporting Period:

1. Introduction

1.1 Background

Site Number:	B5TL	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA/OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	8/24/2009	Start Date:	8/24/2009
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	YES
FPN#:		Reimbursable Account #:	

At approximately 1500 hours on August 24, 2009, a fire occurred at the Diversified Chemical Company located at 15477 Woodrow Wilson, Detroit, Wayne County, Michigan. The building where the fire started spans 17,000 square feet and is one of eight buildings the company operates. The affected building produced petroleum-based products for the auto industry. The Detroit Fire Department (DFD) declared the fire a Level 1 HAZMAT.

At approximately 1700 hours, U.S. EPA was requested to assist with air monitoring and sampling activities. U.S. EPA mobilized its Superfund Technical Assistance and Response Team (START) contractor and responded to the scene.

2. Current Activities

2.1 Operations Section

U.S. EPA arrived on site at approximately 1800 hours and coordinated with the DFT's HAZMAT Team. In conjunction with DFT, U.S. EPA deployed 4 AreaRAEs (multi-gas meter with photoionization detector) and 1 particulate monitor (DataRAM) in the downwind direction. No elevated readings were observed throughout the plant area and downwind directions. U.S. EPA also collected three air samples during the response. A grab air sample was collected in the smoke plume utilizing an evacuated Summa canister and two additional 8-hour Summa canister samples were collected between the fire and residential neighborhoods - one near the intersection of Woodrow Wilson and Pilgrim and the other near the intersection of Woodrow Wilson and Midland. All Summa canisters were submitted to RTI Laboratories for VOC analysis.

U.S. EPA conducted periodic air monitoring of the residential neighborhoods around the fire scene using a multiRAE, HCN meter, and a personal DataRAM particulate monitor. No elevated readings above background were observed on any of the monitoring throughout the residential neighborhoods. Air monitoring activities by U.S. EPA and START continued throughout the evening until the PRP contractors arrived on site around midnight. The Detroit Fire Department continued to put water on the fire and small hot spot areas continued to flare up throughout the evening. The fire was primarily extinguished by 0030 hours on August 25.

U.S. EPA collected one sample from the firefighting water runoff along Woodrow Wilson Avenue. Visual evidence of oil entering the sewer was observed and documented. The sample was submitted to RTI Laboratories for VOC, SVOC, metals and oil/grease analysis.

Due to the large volume of water being placed on the fire and the amount of oil run off, U.S. EPA placed sorbent booms and pads around the sewer manholes near the corner of Woodrow Wilson and Midland to recover floating oil and limit the amount of oil flowing into the sewers. U.S. EPA directed Diversified Chemical Technologies to begin collecting this oil. In response, the PRP mobilized Marine Pollution Control (MPC) to conduct oil recovery and cleanup activities. The PRP also mobilized the Center for Toxicology and Environmental Health (CTEH) to conduct air monitoring, sampling, and response recovery. Both contractors arrived on scene between 0015 hours and 0030 hours on August 25, 2009. U.S. EPA transitioned air monitoring and oil/water runoff maintenance activities to the PRP's contractors.

During the August 25 operations briefing, CTEH was assigned project management. Operation objectives included: 1) Continuing 24-hour air monitoring, 2) Continuing run-off collection, 3) Building an earthen dam around the building to restrict run-off, 4) Conducting an asbestos survey, 5) Developing a contingency plan, and 6) Coordinating with Detroit Department of Public Works.

2.2 Planning Section

Anticipated Activities

- 1) Finalize contingency plan, HASP, air monitoring plan,
- 2) Continue perimeter air monitoring,
- 3) Discontinue neighborhood air monitoring,
- 4) Continue collection of run-off,
- 5) Conduct asbestos survey,
- 6) Perform cause and origin investigation,
- 7) Remove debris and waste.

Site operation briefings are being held at 0730 and 1730 hours.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$15,000.00	\$8,000.00	\$7,000.00	46.67%
Intramural Costs				
Total Site Costs	\$15,000.00	\$8,000.00	\$7,000.00	46.67%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

POLREP #1 Last Updated 2/24/2010