

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Tuchman Cleaners - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #19
Tuchman Cleaners
B5ZU
Indianapolis, IN
Latitude: 39.8369420 Longitude: -86.1210940

To:
From: Craig Thomas, On-Scene Coordinator
Date: 1/8/2015
Reporting Period: October 1 2014 - January 8 2015

1. Introduction

1.1 Background

Site Number:	B5ZU	Contract Number:	EP-S5-09-05
D.O. Number:	106	Action Memo Date:	8/16/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/17/2012	Start Date:	9/17/2012
Demob Date:		Completion Date:	12/19/2014
CERCLIS ID:	INN000510530	RCRIS ID:	IND982425662
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) incident category: Inactive Production Facility

1.1.2 Site Description

The following sections provide information on the site location, description of threat, and site assessment results.

1.1.2.1 Location

The Tuchman Cleaners site is located at 4401 N. Keystone Avenue in Indianapolis, Marion County, Indiana, 46205. The site is located in an area northeast of downtown Indianapolis that is commercial and residential. Approximately 10,000 people live within one mile of the site. The Fall Creek well field is less than ¼ mile from the site. Fall Creek, a major tributary to the White River, is located approximately 500 feet south of the site. The geographical coordinates for the site are latitude 39.836942 ° north and longitude 86.121094° west.

1.1.2.2 Description of Threat

A release of hazardous substances, pollutants, or contaminants was documented at the site. The U.S. Environmental Protection Agency (EPA) documented the presence of hazardous substances as defined by section 101(14) of CERCLA, including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), vinyl chloride, chloroform, and 1,1,2,2-tetrachloroethane; and pollutants and contaminants as defined by 101(33) of CERCLA.

Hazardous substances were documented in soil, groundwater, and soil vapor. Possible exposure routes to hazardous substances include dermal contact with contaminated surface and subsurface soil during excavation activities; inhalation of contaminated air that migrated through subsurface soil and groundwater, i.e. vapor intrusion; and ingestion of contaminated drinking water. Potential human receptors include future on-site workers and nearby residents, including children in a day care adjacent to the site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See previous Pollution Reports (PolReps).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Tuchman Cleaners operated as a dry cleaner at the Keystone facility beginning in 1953 until 2008 when the parent company declared bankruptcy. Historical operations at the site caused releases of dry cleaning solvents, primarily PCE, to soil and groundwater.

Prior to the construction of the dry cleaning facility, the property was an empty lot. In January 2012, the City of Indianapolis completed demolition of the on-site building to assist with EPA's time-critical removal.

2.1.2 Response Actions to Date

Refer to PolReps 1-18 for previous actions.

From October 1, 2014 through November 18, 2014, EPA, ERRS and START continued to make adjustments to the vapor extraction system and conducted follow-up sampling at the one remaining property where screening levels had not been met. After the adjustments were made, satisfactory results were achieved.

In December, once the necessary adjustments to the vapor extraction system were completed, EPA, ERRS and START worked with the property owner to restore flooring that had been removed to access the vapor extraction system; restoration was completed December 19, 2014. EPA has determined that no further action is needed at any of the properties.

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

EPA has issued General Notice Letters and/or 104(e) information requests to 11 different parties. Based on the information received, none of the parties is either liable or have the financial resources to conduct the work. Thus, EPA did not issue an order because the former owner is in Chapter 11 receivership.

2.1.4 Progress Metrics

The waste stream metrics are current for waste disposed through November 29, 2012.

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal Facility
NA3077, Hazardous Waste Solid, NOS, (F002), 9, PGIII	Soil	1777.76 tons	Various	None	Wayne Disposal
NA3077, Hazardous Waste Solid, NOS, (F002), 9, PGIII	Soil	773.26 tons	Various	Chemical oxidation	Michigan Disposal
NA3082 Hazardous Waste Liquid, NOS, PGIII	Liquid	3250 pounds	010719993JJK	None	EQ Detroit
Non-hazardous, non-regulated liquid	Liquid	400 pounds	010719993JJK	None	EQ Detroit

Regional Metrics

	Miles of river systems cleaned and/or restored	NA
This is an Integrated River Assessment. The numbers should overlap.	Cubic yards of contaminated sediments removed and/or capped	NA
	Gallons of oil/water recovered	NA
Stand Alone Assessment	Acres of soil/sediment cleaned up in floodplains and riverbanks	NA
	Number of contaminated residential yards cleaned up	NA
	Number of workers on site	8
Contaminant(s) of Concern	PCE, TCE, 1,1,2,2-tetrachloroethane, cis-1,2 DCE, vinyl chloride and chloroform	

Oil Response Tracking

Estimated volume	Initial amount released	NA
	Final amount collected	NA
	FPN Ceiling Amount	NA
CANAPS Info	FPN Number	NA
	Body of Water affected	NA

Administrative and Logistical Factors (Place X where applicable)

Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	Community challenges or high involvement	Radiological
More than one PRP	Endangered Species Act / Essential Fish Habitat issues	Explosives
AOC	Historic preservation issues	<input checked="" type="checkbox"/> Residential impacts
UAO	<input checked="" type="checkbox"/> NPL site	Relocation
DOJ involved	Remote location	Drinking water impacted
Criminal Investigation Division involved	Extreme weather or abnormal field season	<input checked="" type="checkbox"/> Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	High media interest
<input checked="" type="checkbox"/> Statutory Exemption for \$2 Million	<input checked="" type="checkbox"/> Statutory Exemption for 1 Year	Active fire present
Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established	Actual air release (not threatened)

Green Metrics

Metric	Amount	Units
Diesel Fuel Used	unknown	gallons
Unleaded Fuel Used	unknown	gallons
Alternative/E-85 Fuel Used	unknown	gallons
Electricity from Coal	NA	kW
Electricity from solar/wind	NA	kW
Electricity from grid/mix	NA	kW
Solid waste used	NA	
Solid waste recycled	NA	

Green Initiatives

See previous PolReps.

2.2 Planning Section

2.2.1 Anticipated Activities

Complete site close-out activities.

2.2.1.1 Planned Response Activities

None.

2.2.1.2 Next Steps

The site is part of the Keystone Corridor NPL site and will continue to be evaluated by EPA's Remedial Program now that removal actions are complete.

2.2.2 Issues

None

2.3 Logistics Section

NA

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety

On September 17, 2012, the Health and Safety Plan (HASP) was finalized and signed by all site personnel.

2.5.2 Liaison Officer

Not applicable (NA)

2.5.3 Information Officer

See previous PolReps.

3. Participating Entities

3.1 Unified Command

NA

3.2 Cooperating Agencies

- ATSDR
- IDEM
- Marion County Public Health Department
- City of Indianapolis
- Citizens Energy

4. Personnel On Site

The following personnel were on-site during the reporting period.

Agency	Position	# Personnel
ERRS	Foreman	1
ERRS	Mitigation System Subcontractor	2
START	On-Site monitoring and documentation support	1

5. Definition of Terms

- ATSDR Agency for Toxic Substances and Disease Registry
- CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
- DCE Dichloroethene
- EPA Environmental Protection Agency
- ERRS Emergency and Rapid Response Services
- HASP Health and Safety Plan
- IDEM Indiana Department of Environmental Management
- NA Not Applicable
- OSC On-Scene Coordinator
- PCE Tetrachloroethene
- PolRep Pollution Report
- ppbv parts per billion by volume
- PRP Potentially Responsible Party
- START Superfund Technical Assessment and Response Team
- TCE Trichloroethene

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, refer to www.epaosc.org/tuchman or <http://www.epa.gov/region5/cleanup/tuchman/index.html>.

6.2 Reporting Schedule

This is the final PolRep. No further PolReps are planned to be issued.

7. Situational Reference Materials

NA