

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

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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 1/4 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

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	NA
	Cubic yards of contaminated sediments removed and/or capped	NA
	Gallons of oil/water recovered	NA
	Acres of soil/sediment cleaned up in floodplains and riverbanks	NA
Stand Alone Assessment	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	<u>X</u> Residential impacts
UAO	<u>X</u> NPL site	Relocation
DOJ involved	Remote location	Drinking water impacted
Criminal Investigation Division involved	Extreme weather or abnormal field season	<u>X</u> Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	High media interest
<u>X</u> Statutory Exemption for \$2 Million	<u>X</u> 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

2.4.1 Narrative

Removal Action complete. Will begin close out of contracts.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,000,000.00	\$938,951.79	\$61,048.21	6.10%
TAT/START	\$200,082.00	\$177,721.00	\$22,361.00	11.18%
Intramural Costs				
USEPA - Direct	\$156,700.00	\$65,178.34	\$91,521.66	58.41%
USEPA - InDirect	\$750,000.00	\$667,810.42	\$82,189.58	10.96%

Total Site Costs	\$2,106,782.00	\$1,849,661.55	\$257,120.45	12.20%

* 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

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