

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Sandies Dry Cleaner & Laundry - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #6
Progress
Sandies Dry Cleaner & Laundry
C515
Little Chute, WI
Latitude: 44.2792130 Longitude: -88.3159220

To: Roxanne Chronert, WDNR
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Borries Sam, EPA

From: Ramon Mendoza, On-Scene Coordinator

Date: 6/28/2012

Reporting Period: 4/16/2012 to 6/28/2012

1. Introduction

1.1 Background

Site Number:	C515	Contract Number:	
D.O. Number:		Action Memo Date:	8/3/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	9/6/2011	Start Date:	9/7/2011
Demob Date:		Completion Date:	

CERCLIS ID: WIN000510596 **RCRIS ID:**
ERNS No.: **State Notification:**
FPN#: **Reimbursable Account #:**

1.1.1 Incident Category

1.1.2 Site Description

The Sandies Dry Cleaner and Laundry facility (Site) operated as a dry cleaner and laundry from 1957 to about 2003 and has been vacant since 2006. The facility contains old dry cleaner and laundry machines and other equipment related to operations and maintenance. The current owner indicated to the state that Tetrachloroethylene (PCE) was used as the dry cleaning solvent from 1958 to 2003. There is a vacant apartment in disrepair on the second floor of the building. The owner has indicated that he plans to live in that apartment in the future.

The Site is surrounded by Grand Avenue to the east, the city-owned alley behind SDC to the west. Bakers Outlet and W Lincoln Avenue to the south, and Weenies Still Bar and W Main Street to the north. Both Weenies Still Bar and Bakers Outlet share a brick wall with the Site building on the north side and south side, respectively. Both businesses are operating and both have occupied residences on the second floor.

1.1.2.1 Location

The Sandies Dry Cleaners and Laundry Site (Site) is located at 513 Grand Avenue in the Village of Little Chute, Outagamie County, Wisconsin.

1.1.2.2 Description of Threat

Historic dumping of PCE at the Site has resulted in significant soil contamination. The PCE migrated through the soils into the groundwater and traveled offsite, resulting in vapor intrusion at neighboring properties.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

In February 2011, WDNR and WDHS conducted indoor air sampling using Summa canisters inside the Site building and adjacent buildings.

Results of PCE in indoor air samples collected in the unoccupied apartment at the Site, and all three levels of the Weenies Still Bar property exceeded both U.S. EPA and Agency for Toxic Substances and Disease Registry (ATSDR) screening levels and recommended action levels. Specifically, the PCE level found in the owner-occupied residence above Weenies Still Bar was 22.4 ppbv, which is more than 7 times the residential indoor air removal action level of 3 ppbv PCE. For the basement and main floor samples, PCE was measured at 32.9 and 24.0 ppbv, respectively, which are also above the residential removal action level for PCE.

After WDNR requested for U.S. EPA's assistance, U.S. EPA conducted site assessment activities in March and April 2011. PCE was detected by U.S. EPA at levels 28.5 million times greater than the EPA SSL in soils on Site, 300 times greater than the MCL in groundwater, and 700 times above the U.S. EPA/ATSDR subslab removal action level of 30 ppbv in the sub-slab sample.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Response Actions from October to April 10 2012 are noted in Previous Polreps (1-5)

2.1.2 Response Actions to Date

a. Week of April 16: a) EPA Installed subslab vapor abatement system along the south wall at Sandies

building to control vapors from migrating into the basement of the next door Bakery (Bakers Outlet).

b) After getting permission from the owner, EPA installed vapor abatement system in the basement of the next door bakery; c) EPA Shipped and disposed of 6 drums (4800 pounds) of haz soil to EQ Haz facility in Belleville, MI.

b. June 1 - WDNR collected subslab vapor samples from two homes downgradient of the Sandies Site. Results from one of the homes were two orders of magnitude above the State action level for PCE and on June 12 the State requested EPA's assistance to install a vapor abatement system at the residence. EPA agreed.

b. June 11 - EPA OSC collected VOC samples using summa canisters in the Bakery basement (adjacent to the Sandies site) and residential apartment (above the Bakery) to confirm PCE levels. Results indicate non-detect for PCE in the apartment. The Bakery basement PCE levels (.76ppbv) are still below industrial action level. No further action is planned by EPA at the Bakery.

c. June 11 - At the request of WDNR, EPA OSC collected a groundwater sample (VOC analysis) from the basement sump at the Grocery store downgradient of the Sandies site. Results were non-detect for PCE or its by-products. No further action is planned by EPA for the Grocery Store.

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

Mr. Dave Linskens is the owner of the Sandies Dry Cleaners and Laundry Facility and is identified as the PRP.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
RQ, Hazardous Waste Solid, n.o.s, 9, NA3077, PG III (Tetrachloroethylene, Trichloroethylene) (RQ-10 lbs) (F002)	Solid	113.7 tons	004960468 004960467 004960469 004960471 004960476 004960472 004960470 004354440 004354411		EQ - Michigan Disposal Waste Treatment Plant, Belleville, MI
UN1710, Waste TCE 6.1 PGIII	Liquid	2.4 tons 1 Drum	004354441		EQ Detroit, MI
Non-Hazardous Soapy Water	Liquid	5 Drums	004354441		EQ Detroit, MI

2.2 Planning Section

2.2.1 Anticipated Activities

EPA is planning to install a vapor abatement system at the residence impacted by PCE vapors in July, 2012.

Access and permission to install the system has been granted by the owners and residents to EPA.

2.2.1.1 Planned Response Activities

July - EPA is scheduled to install the vapor abatement system the week of July 9 at the PCE impacted residence. USEPA will conduct air monitoring after the installation to determine and confirm system effectiveness.

2.2.1.2 Next Steps

See Sections 2.2.1.1 and 2.2.1

2.2.2 Issues

WDNR is concerned that additional residences, businesses, and a school; that are upgradient and crossgradient of the Sandies Site; may be contaminated with PCE vapors and is planning additional investigation in the area.

2.3 Logistics Section

none

2.4 Finance Section

The following are estimated final costs as of the week of June 27, 2012. .

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$260,000.00	\$230,588.95	\$29,411.05	11.31%
TAT/START	\$96,000.00	\$76,028.00	\$19,972.00	20.80%
Intramural Costs				
Total Site Costs	\$356,000.00	\$306,616.95	\$49,383.05	13.87%

* 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 Officer

OSC, Ramon Mendoza is responsible for overall safety at the site and project while the ER Removal Manager John Behrens is responsible for implementing the Health and Safety Plan.

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

Mike Rogers, U.S. EPA Region 5, 312-353-2102

See www.epaossc.org/SandiesDryCleanerLaundry for additional Site information.

2.7.2 Community Involvement Coordinator

Susan Pastor, U.S. EPA Region 5, 312-353-1325

3. Participating Entities

3.1 Unified Command

None

3.2 Cooperating Agencies

Wisconsin Department of Natural Resources

Wisconsin Department of Health Services

Village of Little Chute Fire Department

Village of Little Chute Public Works Department

4. Personnel On Site

Week of 4/16/2012 - ERRS - 1 RM, 3 laborers, 1 subcontractor
Response Personnel are temporarily demobilized from the Site.

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.