

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
TCE Havertown - Removal Polrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III**

Subject: POLREP #5
On-going Removal Assessment
TCE Havertown

Havertown, PA
Latitude: 39.9752426 Longitude: -75.3093795

To: Gerald Heston, EPA Region 3
Dennis Carney, EPA Region 3

From: Ruth Scharr, OSC

Date: 11/10/2011

Reporting Period: September - November 2011

1. Introduction

1.1 Background

Site Number:	A3LURSS00	Contract Number:	EP-S3-10-05
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	
Response Lead:	EPA	Incident Category:	Removal Assessment
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	2/21/2011
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Removal Site Evaluation

1.1.2 Site Description

1.1.2.1 Location

The TCE Havertown site is located in a mixed industrial, light commercial and residential area within Haverford Township, Delaware County, Pennsylvania. Based on groundwater data from the nearby Havertown PCP site, the TCE Havertown site is not expected to extend to the north beyond the industrial properties located north of Lawrence Road in the light commercial area(Eagle Road Business Park), to the west beyond monitoring well cluster 14 or the Lynnewood Elementary School, to the south beyond Lawrence Road and Rittenhouse Circle, or to the east beyond Belvedere Avenue.

1.1.2.2 Description of Threat

TCE and TCE-related contaminants found in the groundwater can release vapors that can migrate into overlying residential structures and potentially pose a threat to human health.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

In July 2011, EPA contractors installed two well pairs (MW-1S/I and MW-2S/I) in the Eagle Road Business Park, one on the western boundary of the Havertown PCP Site cap and the other to the north and west of the capped area. The validated data package for the two well pairs sampled August 2, 2011 was transmitted to local officials and other interested parties Sept 9, 2011. Subsequent to this, a transcription error was noted where by 4-chloroaniline instead of naphthalene was reported in well MW-2 intermediate. The data validation report was amended on September 29, 2011 and interested parties were later notified. Since, no TCE or TCE degradation products were found in these wells, the third well pair that was previously planned as a background well will not be installed. Pentachlorophenol and naphthalene were detected in the MW-2 intermediate well. These compounds are contaminants of concern at the Havertown PCP Superfund Site.

On October 14, 2011, EPA and START personnel were onsite to cite the location of additional temporary well locations and to meet with property owners of the subject properties within the Eagle Road Business Park. Subsequent to this, EPA contractors prepared an abbreviated sampling plan as an addendum to the *Field Sampling and Analysis Plan for the TCE Havertown Site submitted February 2011*. The objective of this additional sampling effort is to provide additional data to support a vapor intrusion evaluation at the TCE Havertown site and to assess the Site for the presence of a potential TCE source area. in the Eagle Road Business park.

On Oct 14, START personnel disposed the purge water from August 2nd well sampling at the Havertown PCP Site Treatment Plant .

On Oct 14, EPA personnel met with the owner of the property located at 1375/1385 Lawrence Road. The owner provided documentation of soil sampling conducted as part of a tank removal and assessment of the property for contamination. No TCE was reported in soil samples collected at this property.

On November 7, 2011, START contractor conducted utility clearance for the well installations

On November 8, 2011, START contractors installed 5 temporary groundwater wells in the Eagle Road Business Park using the Geoprobe[®] direct-push drilling technique. Contractors collected continuous, 4-ft long, 2-inch diameter soil cores within clean, dedicated acetate liners to depths of 20 feet below ground surface. There was no visible sign of staining or odors in any of the soil cores, and organic vapors were non-detect using the Photoionization Detector. One soil sample from each well bore was sent to a CLP lab for VOC and SVOC analysis. Drill cuttings were containerized in DOT-approved 55 gallon drums, labeled and prepared for Investigation Derived Waste (IDW) as directed by the Site OSC. START contractors also conducted sampling of wells pairs MW-1 and MW-2; samples were shipped to a CLP laboratory for analysis of VOCs and SVOCs.

On November 9, 2011 the START contractor conducted groundwater sampling of the 5 temporary wells. Samples were shipped to a CLP laboratory for analysis of VOCs and SVOCs. Purge water from well sampling was containerized and discharged at the Havertown PCP Site Groundwater Treatment Plant

2.2 Planning Section

2.2.1 Anticipated Activities

A licensed Pennsylvania surveyor will survey the horizontal and vertical coordinates/elevations of all nine wells. Validated results from sampling activities are due in 35 days.

2.2.2 Issues

None

2.3 Logistics Section

Not applicable

2.4 Finance Section

2.4.1 Narrative

START costs are estimated as of November 4, 2011

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
TAT/START	\$126,952.00	\$69,648.00	\$57,304.00	45.14%
Intramural Costs				
Total Site Costs	\$126,952.00	\$69,648.00	\$57,304.00	45.14%

* 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

None

3. Participating Entities

None

4. Personnel On Site

On Oct 14, 2011 2 EPA and 2 Start personnel on site

On November 7, 2011, 1 Start and 1 Start subcontractor on site

On November 8, 2011, 3 EPA and 2 Start and 1 Start subcontractor on site

On November 9, 2011, 2 Start personnel on site.

5. Definition of Terms

VOCs- volatile organic compounds

SVOC - semi-volatile organic compounds

CLP - Contract Laboratory Program

6. Additional sources of information

None

7. Situational Reference Materials

None