

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Butz Landfill Superfund Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #2
Removal Assessment- Vapor Intrusion Sampling
Butz Landfill Superfund Site
Reeders, PA

To:
From: Ruth Scharr, OSC
Date: 12/10/2013
Reporting Period: November 2013

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: CERCLA	Response Type:
Response Lead: EPA	Incident Category: Removal Assessment
NPL Status: NPL	Operable Unit:
Mobilization Date:	Start Date:
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Removal Assessment for vapor intrusion

1.1.2 Site Description

The site is a NPL Superfund site. The site remedy included the connection of a public water supply line and the installation and operation of a groundwater pump and treat system. When the Records of Decision for the Site were issued in 1990 and 1992, EPA did not routinely include the vapor intrusion pathway in the assessment of risks from potential exposure to site contaminants.

1.1.2.1 Location

The Butz Landfill Superfund Site is located south of Camelback Mountain, along North Road in Jackson Township, Monroe County, in east-central Pennsylvania. The closest town or village to the site is Reeders which is about one mile south of the site.

1.1.2.2 Description of Threat

Groundwater is contaminated with volatile organic compounds, primarily Trichloroethylene. Some homes are located within close proximity to the groundwater contaminant plume. There is the potential for exposure to volatile organic compounds in indoor air via the vapor intrusion pathway.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

During the week of November 12, 2013, the EPA OSC and EPA ERT personnel were onsite to conduct vapor intrusion sampling at residences located near the contaminated groundwater plume. Subslab and indoor air samples and ambient air samples were collected. Six residences were sampled. A seventh home, which is a rental property, was to be sampled as well, however the property owner did not have the key to enter the property.

EPA ERT did monitoring of the homes using the TAGA Bus prior to placing the summa canisters. All TAGA MS/MS indoor air monitoring events targeted the following VOCs: tetrachloroethene (PCE), TCE, total dichloroethene (DCE) and vinyl chloride (VCL).

Tedlar bag samples were collected from the subslab ports and analyzed via the loop injection on the GC/MS in the TAGA laboratory on site. The target compounds for the Tedlar bags will be tetrachloroethene (PCE), trichloroethene (TCE), total-dichloroethene (DCE), vinyl chloride (VCL). No significant levels of TCE, PCE or 1,2 DCE were detected in the grab samples.

2.1.2 Response Actions to Date

Not applicable

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

Not applicable

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

Validated sampling data is expected in approximately 6 weeks from November 15, 2013

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

Evaluate the validated analytical data and issue the Trip Report. The EPA OSC plans to conduct a second round of assessment air sampling in the first quarter of 2014.

2.2.2 Issues

There were several property owners who did not wish to participate even though their homes are located near the contaminated plume.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

EPA OSC, 2 EPA ERT Personnel and three contractor personnel.

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.