

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Meadowbrook Avenue Vapor Intrusion Site - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #1
Meadowbrook Avenue Vapor Intrusion Site
Hatboro, PA

To:
From: Kelley Chase, On-Scene Coordinator
Date: 3/3/2015
Reporting Period: February 2, 2015 through March 3, 2015

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: Non NPL	Operable Unit:
Mobilization Date:	Start Date: 2/2/2015
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

1.1.2 Site Description

EPA plans to conduct sampling to evaluate the potential for vapor intrusion at the Crooked Billet Elementary School. Given the school's relative proximity to the Raymark Superfund Site and potential sources of contamination in the surrounding area, Hatboro officials asked EPA to consider evaluating the school for VI as a precautionary measure.

EPA is coordinating with the Borough of Hatboro, the Hatboro-Horsham School District, the Pennsylvania Department of Environmental Protection (PADEP) and the Centers for Disease Control and Prevention (CDC)/Agency for Toxic Substances and Disease Registry (ATSDR).

Vapor intrusion (VI) is the term used to describe the migration of volatile chemicals from subsurface contaminated soils and groundwater into the indoor air spaces of overlying buildings through openings in the building foundation. Common sources of VI include petroleum products, dry cleaning solvents, and other industrial solvents and degreasers.

1.1.2.1 Location

The site is located in Hatboro, Montgomery County, Pennsylvania.

1.1.2.2 Description of Threat

Given the school's relative proximity to the Raymark Superfund Site and potential sources of contamination in the surrounding area, Hatboro officials asked EPA to consider evaluating the school for VI as a precautionary measure.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On February, 16, 2015, OSC Chase and representatives from EPA's Environmental Response Team (ERT) toured the Crooked Billet Elementary School with school personnel to identify sampling locations for evaluating the potential for VI at the school. EPA plans return to the school in March to collect sub-slab vapor, indoor air and ambient (outdoor) air samples to determine whether VI is occurring in the school, and if so, whether any of the chemicals detected present a potential health risk to students or staff.

2. Current Activities

2.1 Operations Section

No information available at this time.

2.2 Planning Section

No information available at this time.

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

3.1 Unified Command

3.2 Cooperating Agencies

Hatboro Borough

Hatboro-Horsham School District

Pennsylvania Department of Environmental Protection (PADEP)

Centers for Disease Control and Prevention (CDC)/Agency for Toxic Substances and Disease Registry (ATSDR)

4. Personnel On Site

No information available at this time.

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.