

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
St. Clair Shores PCB Drain #2 - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
St. Clair Shores PCB Drain #2
B5VE
St. Clair Shores, MI
Latitude: 42.4856214 Longitude: -82.8988813

To:
From: Jeffrey Lippert, On-Scene Coordinator
Date: 6/20/2014
Reporting Period:

1. Introduction

1.1 Background

| | | | |
|----------------------------|--------------|--------------------------------|----------------|
| Site Number: | B5VE | Contract Number: | EP-S5-09-05 |
| D.O. Number: | | Action Memo Date: | 4/16/2014 |
| Response Authority: | CERCLA | Response Type: | Time-Critical |
| Response Lead: | EPA | Incident Category: | Removal Action |
| NPL Status: | NPL | Operable Unit: | |
| Mobilization Date: | 5/27/2014 | Start Date: | 5/28/2014 |
| Demob Date: | | Completion Date: | |
| CERCLIS ID: | MIN000510421 | RCRIS ID: | |
| ERNS No.: | | State Notification: | |
| FPN#: | | Reimbursable Account #: | |

1.1.1 Incident Category

Time-Critical, Fund Lead

1.1.2 Site Description

The site consists of a total of ten properties, nine residential and one commercial. Polychlorinated biphenyls (PCBs) were found in the soil at or near the ground's surface on all 10 properties. Samples collected from the commercial and residential properties showed levels of PCBs above the Removal Management Level (RML) of 22 mg/kg for Aroclor 1248 and the RML of 3.4 mg/kg for Aroclor 1254.

1.1.2.1 Location

The site is located near the intersection of Harper Avenue and Lakeland Street, St. Clair Shores, Macomb County, Michigan. The site is located in a residential neighborhood with one commercial property at the northeast corner of Harper Avenue and Lakeland Street.

1.1.2.2 Description of Threat

PCBs in the soil, as high as 3,500 parts per million were found in this area.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

For previous information on past removal actions, follow the links below.

http://www.epaos.org/site/site_profile.aspx?site_id=2082

http://www.epaos.org/site/site_profile.aspx?site_id=5727

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA began a Time-Critical action consisting of the removal of PCB-contaminated soil from a residential yard, residential right-of-ways and one commercial property on May 27, 2014. Assistance from ERB was requested by the Remedial Branch after the Remedial Investigation confirmed levels of PCBs in residential areas above Removal Management Levels. The Time-Critical removal will consist of removing and disposing of unsecured PCB-contaminated soils at or near the ground's surface throughout the site.

2.1.2 Response Actions to Date

Between June 09, 2014 and June 20, 2014, EPA removed approximately 825 tons (1,315 tons overall for project) of contaminated soil from the site for offsite disposal. Waste was shipped to Wayne Disposal, Belleville, Michigan and Woodland Meadows, Wayne, Michigan.

Tree removal was conducted at the necessary properties. A total of 25 trees (11 maple on the right of ways and 14 pines on the private property) were removed.

Excavation was complete at two additional areas on the commercial property down 18 inches, two residential properties down to 24 inches and another residential property down to 12 inches. Confirmation samples were collected for all properties. Analytical results indicate that the commercial property and two residential properties did not require further excavation. Data is still pending for the one residential property.

Air monitoring continued using a DataRam 4000 during all work activities. Time-weighted Average values ranged between 1.0 and 83.0 micrograms per meter cubed which is below the site specific action level of 3,000 micrograms per meter.

Backfill began in the backyard of the residential property.

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

2.1.4 Progress Metrics

| Date | Waste Stream | Medium | Quantity (tons) | Manifest Number | Treatment | Disposal |
|-----------|--------------------------|--------|-----------------|-----------------|-----------|------------------|
| 6/2/2014 | PCB Contaminated | Soil | 24.35 | 13274707 | NA | Wayne Disposal |
| 6/2/2014 | PCB Contaminated | Soil | 26.93 | 13274708 | NA | Wayne Disposal |
| 6/2/2014 | PCB Contaminated | Soil | 21.55 | 13274709 | NA | Wayne Disposal |
| 6/2/2014 | PCB Contaminated | Soil | 27.2 | 13274710 | NA | Wayne Disposal |
| 6/3/2014 | PCB Contaminated | Soil | 29.14 | 13274711 | NA | Wayne Disposal |
| 6/3/2014 | PCB Contaminated | Soil | 27.11 | 13274712 | NA | Wayne Disposal |
| 6/3/2014 | PCB Contaminated | Soil | 26.23 | 13274713 | NA | Wayne Disposal |
| 6/4/2014 | PCB Contaminated | Soil | 26.17 | 13274714 | NA | Wayne Disposal |
| 6/4/2014 | PCB Contaminated | Soil | 22.44 | 13274715 | NA | Wayne Disposal |
| 6/4/2014 | PCB Contaminated | Soil | 26.21 | 13274716 | NA | Wayne Disposal |
| 6/4/2014 | PCB Contaminated | Soil | 23.9 | 13274717 | NA | Wayne Disposal |
| 6/4/2014 | PCB Contaminated | Soil | 25.73 | 13274718 | NA | Wayne Disposal |
| 6/5/2014 | PCB Contaminated | Soil | 27.91 | 13274698 | NA | Wayne Disposal |
| 6/5/2014 | PCB Contaminated | Soil | 25.84 | 13274697 | NA | Wayne Disposal |
| 6/5/2014 | PCB Contaminated | Soil | 27.52 | 13274696 | NA | Wayne Disposal |
| 6/6/2014 | PCB Contaminated | Soil | 23.56 | 13274699 | NA | Wayne Disposal |
| 6/6/2014 | PCB Contaminated | Soil | 23.92 | 13274700 | NA | Wayne Disposal |
| 6/6/2014 | PCB Contaminated | Soil | 28.68 | 13274701 | NA | Wayne Disposal |
| 6/6/2014 | PCB Contaminated | Soil | 25.69 | 13274702 | NA | Wayne Disposal |
| 6/9/2014 | PCB Contaminated | Soil | 31.08 | 13274703 | NA | Wayne Disposal |
| 6/9/2014 | PCB Contaminated | Soil | 27.77 | 13274704 | NA | Wayne Disposal |
| 6/9/2014 | PCB Contaminated | Soil | 25.67 | 13274705 | NA | Wayne Disposal |
| 6/9/2014 | PCB Contaminated | Soil | 20.35 | 13274706 | NA | Wayne Disposal |
| 6/9/2014 | PCB Contaminated | Soil | 23.88 | 13274846 | NA | Wayne Disposal |
| 6/10/2014 | PCB Contaminated | Soil | 20.92 | 13274847 | NA | Wayne Disposal |
| 6/11/2014 | PCB Contaminated | Soil | 22.96 | 13274848 | NA | Wayne Disposal |
| 6/11/2014 | PCB Contaminated | Soil | 21.23 | 13274849 | NA | Wayne Disposal |
| 6/11/2014 | PCB Contaminated | Soil | 24.75 | 13274850 | NA | Wayne Disposal |
| 6/11/2014 | PCB Contaminated | Soil | 20.51 | 13274851 | NA | Wayne Disposal |
| 6/11/2014 | PCB Contaminated | Soil | 24.12 | 13274852 | NA | Wayne Disposal |
| 6/12/2014 | PCB Contaminated | Soil | 25.91 | 13274853 | NA | Wayne Disposal |
| 6/12/2014 | PCB Contaminated | Soil | 23.68 | 13274854 | NA | Wayne Disposal |
| 6/12/2014 | PCB Contaminated | Soil | 25.89 | 13274855 | NA | Wayne Disposal |
| 6/12/2014 | PCB Contaminated | Soil | 23.88 | 13274856 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 25.49 | 13274857 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 23.43 | 13274858 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 23.42 | 13274859 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 21.41 | 13274860 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 22.32 | 13274861 | NA | Wayne Disposal |
| 6/13/2014 | PCB Contaminated | Soil | 18.9 | 13274862 | NA | Wayne Disposal |
| 6/16/2014 | PCB Contaminated | Soil | 38.43 | 13274863 | NA | Wayne Disposal |
| 6/17/2014 | PCB Contaminated | Soil | 31.94 | 13274864 | NA | Wayne Disposal |
| 6/17/2014 | PCB Contaminated | Soil | 29.27 | 13274865 | NA | Wayne Disposal |
| 6/19/2014 | Non TSCA - Non Regulated | Soil | 17.95 | 2608518 | NA | Woodland Meadows |
| 6/19/2014 | Non TSCA - Non Regulated | Soil | 19.64 | 2608519 | NA | Woodland Meadows |
| 6/19/2014 | Non TSCA - Non Regulated | Soil | 20.49 | 2608520 | NA | Woodland Meadows |

| | | | | | |
|-----------|-------------------------------|-------|---------|----|------------------|
| 6/19/2014 | Non TSCA - Non Regulated Soil | 19.65 | 2608521 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608522 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608523 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608524 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608525 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608526 | NA | Woodland Meadows |
| 6/20/2014 | Non TSCA - Non Regulated Soil | 25 | 2608527 | NA | Woodland Meadows |

Note: 6/20/14 volumes are estimated

2.2 Planning Section

2.2.1 Anticipated Activities

Continue to remove PCB-contaminated soils from impacted properties.

2.2.1.1 Planned Response Activities

N/A

2.2.1.2 Next Steps

Complete time-critical removal.

2.2.2 Issues

N/A

2.3 Logistics Section

N/A

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Each agency/contractor will provide their own site supervisor, but all groups will conduct the activities under 1 approved U.S. EPA Site Safety Plan. Considerations will include hazardous levels of PCBs, heavy equipment safety, and hazardous road work.

2.5.2 Liaison Officer

On-Scene Coordinator

2.5.3 Information Officer

On-scene Coordinator

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

City of St. Clair Shores

Michigan Department of Environmental Quality

4. Personnel On Site

U.S. EPA (1)

START – Tetra Tech (1)

ERRS – Environmental Restoration (5)

5. Definition of Terms

EPA - Environmental Protection Agency

ERRS - Emergency and Rapid Response Services

PCBs- Polychlorinated Biphenyls

START - Superfund Technical Response and Assessment Team

NCP - National Oil and Hazardous Substances Pollution Contingency Plan

MDEQ - Michigan Department of Environmental Quality

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

RML - Removal Management Level

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaos.org/SCSPCB

6.2 Reporting Schedule

Polreps will be sent out weekly or as needed.

7. Situational Reference Materials

NCP

