

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Joseph Street Asbestos - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #7
Final
Joseph Street Asbestos
C5R9
Marion, OH
Latitude: 40.5955270 Longitude: -83.1347500

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From: Stephen Wolfe, On-Scene Coordinator

Date: 10/28/2014

Reporting Period: 10/20/2014 through 11/14/2014

1. Introduction

1.1 Background

| | | | |
|----------------------------|--------------|--------------------------------|----------------|
| Site Number: | C5R9 | Contract Number: | EP-S5-08-04 |
| D.O. Number: | 072 | Action Memo Date: | 6/11/2014 |
| Response Authority: | CERCLA | Response Type: | Time-Critical |
| Response Lead: | EPA | Incident Category: | Removal Action |
| NPL Status: | Non NPL | Operable Unit: | |
| Mobilization Date: | 9/2/2014 | Start Date: | 9/2/2014 |
| Demob Date: | 11/14/2014 | Completion Date: | 11/14/2014 |
| CERCLIS ID: | OHN000510925 | RCRIS ID: | |
| ERNS No.: | | State Notification: | yes |
| FPN#: | | Reimbursable Account #: | |

1.1.1 Incident Category

Other -- CERCLA cleanup of abandoned Asbestos Containing Waste Materials

1.1.2 Site Description

1.1.2.1 Location

The site is located at 333 Joseph Street, Marion, Marion County, Ohio. The GPS coordinates are 41 deg 35 min 43.90 secs north and 83 deg 08 min 5.1 sec west. The site encompasses approximately 13 acres and is surrounded to the north, east and south by residential properties. Other industrial properties border the site to the west.

1.1.2.2 Description of Threat

The building that was located at 333 Joseph Street (encompassing nearly the entire 13 acre parcel) was demolished in 2010 without proper asbestos abatement. An asbestos survey was performed on the property prior to demolition identifying different types of asbestos containing media (transite panels, floor tile, roofing material, etc). The Ohio Environmental Protection Agency requested that the US EPA investigate and perform a time-critical removal action at the site in February, 2013 after their sampling indicated that asbestos was present in the debris piles and they exhausted their efforts of requiring the property owner to perform the cleanup.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP 1

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Final transportation and disposal of ACM debris and pcb drums occurred during this reporting period. The basement, pipe trench and cistern were backfilled and capped with concrete. In addition the remaining concrete pad was cleaned, and all personnel and equipment was demobilized from the site. A total of 685 trucks (8,332 tons) of asbestos contaminated debris and 14 drums of pcb oil were removed from the site during the removal action.

2.1.2 Response Actions to Date

During the week of October 20th, 2014, ERRS began cleaning the the pad with skid steer/brush, floor sweeper, and water.

On Thursday, October 23, 2014, 14 drums of PCB oil were transported off site for disposal.

During the week of October 27th, 2014, ERRS continued cleaning the remaining concrete pad, and began breaking the roof for the basement/pipe trench. The City of Marion sewer department visited the site and gave permission for ERRS to block the line leading from the site to the sanitary sewer with cement. The open holes were backfilled with clean backfill. Analytical results from the water in the cistern were received and the City of Marion sewer department gave permission to pump the water into the sanitary system in order to backfill the cistern. The final loads of ACM Debris were transported off site for disposal (8 loads, 135 tons). START was demobilized from site.

During the week of November 3rd, 2014, ERRS continued cleaning the concrete pad. In addition, ERRS continued breaking open the basement/pipe trench/cistern and backfilled with clean material. Once backfilling was complete, the areas were capped with concrete. In addition to capping areas, small holes were filled with concrete and the remaining metal structure pieces were cut for public safety. Concrete jersey barriers were brought in to prevent vehicle traffic on the site. Concrete block were placed on top of all open manholes.

During the week of November 10th, 2014, ERRS completed all field activities and demobilized equipment and personnel from site.

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

The site owner and PRP is identified and the information is in the site files.

2.1.4 Progress Metrics

| <i>Waste Stream</i> | <i>Medium</i> | <i>Quantity</i> | <i>Manifest #</i> | <i>Treatment</i> | <i>Disposal</i> |
|---------------------|---------------|-----------------|-------------------|------------------|--|
| ACM | solid | 640 tons | 2019077 - 2019108 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 660 tons | 2019108 - 2019149 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 667 tons | 2019150 - 2019188 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 445 tons | 2019189 - 2019225 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 675 tons | 2019226 - 2019260 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 685 tons | 2019261 - 2019656 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 288 tons | 2019657 - 2019688 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 428 tons | 2019689 - 2019723 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 433 tons | 2019724 - 2019755 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 575 tons | 2019756 - 2019795 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 615 tons | 2019796 - 2019857 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 430 tons | 2019858 - 2019897 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 244 tons | 2019898 - 2019928 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 260 tons | 2019929 - 1954513 | landfill | County Environmental of Wyandott Carey, Ohio |

| | | | | | |
|---------|--------|----------|-------------------|--------------|--|
| ACM | solid | 313 tons | 1954514 - 1938436 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 298 tons | 1938437 - 1938360 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 189 tons | 1938361 - 1938391 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 228 tons | 1938392 - 1938431 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 70 tons | 1938432 - 1955743 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 87 tons | 1955744 - 1955766 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 73 tons | 1955767-1955770 | landfill | County Environmental of Wyandott Carey, Ohio |
| ACM | solid | 63 tons | 1955771-1955774 | landfill | County Environmental of Wyandott Carey, Ohio |
| PCB Oil | Liquid | 14 drums | 013835055JJK | incineration | Clean Harbors, Twinsburg, Ohio |

Regional Metrics

| | | |
|---|---|----|
| This is an Integrated River Assessment. The numbers should overlap. | Miles of river systems cleaned and/or restored | NA |
| | Cubic yards of contaminated sediments removed and/or capped | NA |
| | Gallons of oil/water recovered | NA |
| | Acres of soil/sediment cleaned up in floodplains and riverbanks | NA |
| Stand Alone Assessment | Number of contaminated residential yards cleaned up | NA |
| | Number of workers on site | 19 |
| Contaminant(s) of Concern | Asbestos | |

Oil Response Tracking

| | | |
|------------------|-------------------------|----|
| Estimated volume | Initial amount released | NA |
| | Final amount collected | NA |
| | FPN Ceiling Amount | NA |
| CANAPS Info | FPN Number | NA |
| | Body of Water affected | NA |

Administrative and Logistical Factors (Place X where applicable)

| | | | |
|---|---|--|-------------------------------------|
| X | Precedent-Setting HQ Consultations (e.g., fracking, asbestos) | Community challenges or high involvement | Radiological |
| | More than one PRP | Endangered Species Act / Essential Fish Habitat issues | Explosives |
| | AOC | Historic preservation issues | Residential impacts |
| | UAO | NPL site | Relocation |
| | DOJ involved | Remote location | Drinking water impacted |
| | Criminal Investigation Division involved | Extreme weather or abnormal field season | Environmental justice |
| | Tribal consultation or coordination or other issues | Congressional involvement | High media interest |
| X | Statutory Exemption for \$2 Million | Statutory Exemption for 1 Year | Active fire present |
| X | Hazmat Entry Conducted – Level A, B or C | Incident or Unified Command established | Actual air release (not threatened) |

Green Metrics

| Metric | Amount | Units |
|-----------------------------|-----------|---------|
| Diesel Fuel Used | 3,800 | gallons |
| Unleaded Fuel Used | 1,800 | gallons |
| Alternative/E-85 Fuel Used | 0 | gallons |
| Electricity from Coal | 4,200 | kW |
| Electricity from solar/wind | 0 | kW |
| Electricity from grid/mix | 0 | kW |
| Solid waste reused | 0 | pounds |
| Solid waste recycled | 2,100 | pounds |
| Water Used | 1,228,515 | gallons |

2.2 Planning Section

2.2.1 Anticipated Activities

None - Removal Complete

2.2.1.1 Planned Response Activities

None - Removal Complete

2.2.1.2 Next Steps

None - Removal Complete

2.2.2 Issues

2.3 Logistics Section

ERRS is handling all logistics for the site

2.4 Finance Section

Estimated Costs *

| | Budgeted | Total To Date | Remaining | % Remaining |
|---------------------------|----------------|----------------|----------------|-------------|
| Extramural Costs | | | | |
| ERRS - Cleanup Contractor | \$2,500,000.00 | \$1,500,000.00 | \$1,000,000.00 | 40.00% |
| TAT/START | \$93,000.00 | \$64,450.00 | \$28,550.00 | 30.70% |
| Intramural Costs | | | | |
| USEPA - Direct | \$50,000.00 | \$40,000.00 | \$10,000.00 | 20.00% |
| Total Site Costs | | | | |
| | \$2,643,000.00 | \$1,604,450.00 | \$1,038,550.00 | 39.29% |

* 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

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Ohio EPA
City of Marion

4. Personnel On Site

US EPA - 1
START - 1
ERRS - 15

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.