

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
35th Avenue Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #33
Phase 4 Continues
35th Avenue Site
B4M3RV00
Birmingham, AL
Latitude: 33.5627531 Longitude: -86.7989565

To: Jim Webster, Chief, ERRB, EPA R4
Clay Messer, ADEM
Grady Springer, ADEM
Gary Andrew, USEPA R4 ERRB

From: Richard Jardine, On-Scene Coordinator

Date: 9/14/2016

Reporting Period: 8/24 to 9/14

1. Introduction

1.1 Background

| | | | |
|----------------------------|--------------|--------------------------------|----------------|
| Site Number: | B4M3RV00 | Contract Number: | EP-S4-07-02 |
| D.O. Number: | 00034 | Action Memo Date: | 9/25/2013 |
| Response Authority: | CERCLA | Response Type: | Time-Critical |
| Response Lead: | EPA | Incident Category: | Removal Action |
| NPL Status: | Non NPL | Operable Unit: | |
| Mobilization Date: | 2/17/2014 | Start Date: | 2/18/2014 |
| Demob Date: | | Completion Date: | |
| CERCLIS ID: | ALN000410750 | RCRIS ID: | |
| ERNS No.: | | State Notification: | SEP 2013 |
| FPN#: | | Reimbursable Account #: | |

As detailed in an Action Memorandum dated September 25, 2013, EPA had initially identified approximately 50 properties in the Birmingham communities of Fairmont, Harriman Park, and Collegeville that exhibited levels of soil contamination that exceed, either threefold or a magnitude of measure, Region 4 residential removal management levels for lead, arsenic, and/or polycyclic aromatic hydrocarbons. In addition to contamination deposited by airborne means over the previous 100 years, or potential contaminant migration due to flooding, these properties likely received fill material from one or more of the local industrial businesses. For further discussion of background information, please refer to previous POLREPs for this Site.

Early in the removal action for the 50 homes, EPA amended the original scope of work to allow for greater consistency with remedial goals that provide for a more permanent remedy. An Action Memorandum dated March 12, 2014 described the amended scope of work.

EPA expanded the scope of work, as detailed in an Action Memorandum dated August 11, 2014, to allow for removal of contaminated soil from properties where the soil concentrations for contaminants of concern exceed Region 4 Removal Management Levels *and* children either live there or routinely and frequently visit. This change of scope included approximately 30 properties, including the Collegeville Center and North Birmingham Homes public housing developments.

EPA expanded the scope of work, as detailed in an Action Memorandum dated January 6, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed two times the Region 4 Removal Management Levels for carcinogens; specifically arsenic and benzo[a]pyrene. This change of scope included approximately 35 properties.

EPA expanded the scope of work, as detailed in an Action Memorandum dated July 20, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed the Region 4 Removal Management Levels for contaminants of concerns; specifically arsenic, lead, and benzo[a]pyrene. This change of scope includes approximately 260 properties.

2. Current Activities

2.1 Operations Section

Phase 4 Removal Activities:

One hundred fifteen residential properties have been addressed in Phase 4 with approximately 161 properties remaining. Total of 234 residential properties including three schools and two apartment complexes have been addressed since removal activities began. EPA Scientific Support Services (SSS) is visiting site to assist with using the XRF Statistical Data Normalization procedure for residential properties where arsenic concentration is above background but below site's residential Removal Management Level (RML). SSS is also assisting OSCs with developing a Standard Operating Procedure for the recent sieving guidance created by headquarters.

Site crew demobed on September 1 for Labor Day holiday and returned to site on September 7.

Sampling:

Activities this period are focused on assessing residential properties where arsenic concentration is a concern.

Disposal:

To date, 20,497 tons of excavated soil from residential properties have been sent to a landfill for disposal. About 4,000 tons of soil were disposed in August 2016.

Community Outreach:

OSC continue to meet with property owners at the Command Post or at their respective properties to answer questions regarding the pending excavation efforts and respond to their concerns.

Access Agreements:

EPA received one access agreement during this reporting period.

Air Monitoring:

START continues to monitor site conditions including air monitoring and sampling as well as removal documentation and soil profiling as directed by the OSC. Air sampling has included periodic personnel air sampling on a representative ground technician and an excavator operator. To date, air monitoring indicates all operations are well controlled and have minimized blowing dusts. Water truck is used as needed to keep command post area damp to reduce dust.

2.2 Planning Section

No information available at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section**2.4.1 Estimated Costs**

| Current TO/TDD* | Budgeted | Total to Date | Remaining |
|------------------------------------|-----------------|----------------------|------------------|
| ERRS | \$5,500,000 | \$5,078,585 | \$421,415 |
| START 4 Removal (OTIE) | \$974,295 | \$647,295 | \$327,000 |
| START 4 Investigation (OTIE) | \$1,085,969 | \$1,029,969 | \$56,000 |
| START 4 Community Involvement (TT) | \$331,299 | \$273,717 | \$57,582 |
| START 4 Investigation (TT) | \$142,441 | \$106,770 | \$35,671 |
| START 4 FOIA (OTIE) | \$10,000 | \$5,000 | \$5,000 |
| Closed TO/TDD* | Amount | | |
| ERRS | \$6,515,000 | | |
| START R5 Crossover | \$340,000 | | |
| START GSA Bridge Contract | \$357,164 | | |
| START R7 Crossover CI | \$43,493 | | |
| START 3 CI | \$102,178 | | |

ERRS, START 4 Removal, START R5 Crossover, START GSA Bridge Contract, START R7 Crossover Community Involvement (CI), and START 3 CI should count towards Action Memo ceiling.

Estimated Costs *

| | Budgeted | Total To Date | Remaining | % Remaining |
|-------------------------|------------------------|------------------------|---------------------|--------------------|
| Extramural Costs | | | | |
| ERRS | \$12,015,000.00 | \$11,593,585.00 | \$421,415.00 | 3.51% |
| START Removal | \$1,817,130.00 | \$1,490,130.00 | \$327,000.00 | 18.00% |
| START Investigation | \$1,559,709.00 | \$1,410,456.00 | \$149,253.00 | 9.57% |
| START FOIA | \$10,000.00 | \$5,000.00 | \$5,000.00 | 50.00% |
| Intramural Costs | | | | |
| | | | | |
| Total Site Costs | \$15,401,839.00 | \$14,499,171.00 | \$902,668.00 | 5.86% |

* 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

No information available at this time.

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.