

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #13
Clean up continues
35th Avenue Site
B4M3RV00
Birmingham, AL
Latitude: 33.5627531 Longitude: -86.7989565

To: Jim Webster, Chief, ERRB, EPA R4
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From: Richard Jardine, On-Scene Coordinator

Date: 7/1/2015

Reporting Period: October 16, 2014 to July 1, 2015

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.

2. Current Activities

2.1 Operations Section

EPA completed removal activity for 54 Phase 1 properties where owners granted access. Phase 1 included residential properties where soil concentrations for arsenic or benzo[a]pyrene exceeded ten times the RML or three times the RML for lead. About 11,300 tons of contaminated soil were removed from the communities in Phase 1.

EPA completed removal activity for 30 Phase 2 properties where owners granted access. Phase 2 included residential homes schools where soil concentrations exceed the RML and children are present. Calloway Head Start School, Hudson K-8 School, New Start Christian School, and Housing Authority of Birmingham District at Collegeville Center and North Birmingham were included in Phase 2. About 11,500 tons of contaminated soil were removed from the communities in Phase 2.

To date EPA completed 30 of 35 Phase 3 properties where owners granted access. Phase 3 includes residential homes where soil concentrations for arsenic and benzo[a]pyrene exceed two times the RML. Phase 3 is expected to be completed by August, 2015.

EPA continues to meet with property owners on an ad hoc basis at the Command Post or at their respective properties to answer questions regarding the pending excavation efforts and respond to their concerns. During this reporting period, EPA also attended several public meetings in the three communities.

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.

EPA continues to work with AL DOT regarding soil contamination concerns involving Shuttlesworth Bridge construction in Collegeville. AL DOT is voluntarily conducting a removal action in the bridge construction area.

OSCs continue to support EPA's enforcement team with targeting sampling on industrial properties in the study area.

On June 4, 2015, EPA provided a tour to U.S. Congresswoman, Mayor, and Councilmen of the site and potential Brownfields projects.

2.2 Planning Section

No information available at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

Estimated Costs *

| | Budgeted | Total To Date | Remaining | % Remaining |
|---------------------------|-----------------------|-----------------------|---------------------|--------------|
| Extramural Costs | | | | |
| ERRS - Cleanup Contractor | \$6,100,000.00 | \$5,800,000.00 | \$300,000.00 | 4.92% |
| START | \$1,500,000.00 | \$1,250,000.00 | \$250,000.00 | 16.67% |
| Intramural Costs | | | | |
| | | | | |
| Total Site Costs | \$7,600,000.00 | \$7,050,000.00 | \$550,000.00 | 7.24% |

* 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.

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