

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Thursday, October 7, 2004
From: Warren Dixon, Michael Sparks

Subject: Anniston Lead Site
Anniston, AL
Latitude: 39.4230000
Longitude: -50.1753000

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|--------------------------|--------------|----------------------------|----------------|
| POLREP No.: | 39 | Site #: | A43T |
| Reporting Period: | | D.O. #: | 4006-F4-063 |
| Start Date: | 4/22/2002 | Response Authority: | CERCLA |
| Mob Date: | 4/22/2002 | Response Type: | Time-Critical |
| Demob Date: | | NPL Status: | Non NPL |
| Completion Date: | | Incident Category: | Removal Action |
| CERCLIS ID #: | ALN000407242 | Contract # | |
| RCRIS ID #: | | | |

Site Description

Soil sampling conducted in conjunction with a major PCB contamination removal revealed residential soil lead concentrations equal to or above the EPA Region 4 residential action level of 400 parts per million (ppm).

As a result, EPA has sampled 2,150 residential properties to access lead contamination. Soil samples with lead levels equal to or above 400 ppm have been identified for removal under this action with priority being given based on a combination of soil lead levels and presence of sensitive receptors such as children and pregnant women.

Current Activities

* ERRS contractor CMC, Inc., was mobilized to the site to begin residential excavation on April 22, 2002. The scope of activities includes excavating contaminated soil from residential properties, backfilling, and restoring the property.

* START-2 contractor Tetra Tech EM, Inc., continues to provide community relations support and database management.

* START-2 contractor Weston Solutions, Inc., was brought on site April 29, 2002 to provide site documentation, contractor oversight, site administration, sampling, and field screening with a portable x-ray fluoroscope (XRF).

* The weather has been sunny, and warm, with temperatures ranging from lows in the 50s to highs in the 80s. Three days of work were lost on site due to weather conditions associated with Hurricane Ivan.

* Resources on site:

Personnel:

EPA (1)

Weston Solutions START-2 (1)

Tetra Tech EM, Inc., START-2 (1)

CMC, Inc., ERRS (9)

Project Manager

Field Clerk

Truck driver

Foreman

Operators (3)

Laborers (2)

Equipment:

Mini excavator

Tracked unloader

Front-end loader

Compactor roller

Dump truck

Water truck

Pick up trucks (5)

Office trailer

Decon trailer

Equipment trailer

Planned Removal Actions

* Residential soil removal activities continued. Only those residential properties that fall into Tier 1 or Tier 2 categories for lead removal are being addressed at this time. This includes all residential properties greater than or equal to 1,200 ppm and those that are greater than or equal to 400 ppm lead but less than 1,200 ppm lead with sensitive populations such as children 6 years old or younger or pregnant women. A total of 121 residential properties and 2 parks have been excavated, backfilled with clean soil, and sodded. To date, approximately 16,020 cubic yards of lead contaminated soil have been removed and stockpiled for transportation and disposal. A total of 13,871 tons of lead contaminated soil have been transported to Superior Cedar Hill Landfill in Ragland, Alabama.

* Residential properties that fall into the high priority category (Tier 1 and 2) as identified by the Office of Technical Support will continue to be addressed.

* Transportation and disposal will continue after a sufficient amount of soil has been excavated, stockpiled, and sampled.

* Activities will continue to secure removal access authorization from residents in the high priority categories and from residents previously engaged on the class action law suit.

* The enforcement process will continue to incorporate any PRPs into the lead removal action.

Next Steps

* A sampling event occurred during the week of August 9, 2004 to continue assessing the soil contamination in Anniston and Hobson City. 343 properties were sampled. Results are expected at the end of October.

* The results from the June 2004 sampling event have been received. 28 of the 188 sampled properties were above 400 ppm lead.

Key Issues

The current Lead Status Report from all sampling events(2,150) is as follows:

No Results - August 2004 event = 343

No Further Action - Properties with lead data < 400 ppm = 1,474

Properties with lead data \geq 400 ppm = 333

Breakdown of all 333 properties into tier groups:

Tier 1 = $Pb \geq 1,200$ with child less than 7 years old or active pregnancy

| Complete | Remaining | Total |
|----------|-----------|-------|
| 16 | 0 | 16 |

Tier 2 = $400 \leq Pb < 1,200$ with child less than 7 years old or active pregnancy or $> 1,200$ with no children or pregnancy

| Complete | Remaining | Total |
|----------|-----------|-------|
| 93 | 23 | 116 |

Tier 3 = 400≥Pb< 1,200 with no child or pregnancy

| Complete | Remaining | Total |
|----------|-----------|-------|
| 11 | 180 | 191 |

Un-known = Incomplete information regarding sensitive population.

| Complete | Remaining | Total |
|----------|-----------|-------|
| 3 | 7 | 10 |

| TOTAL | | |
|----------|-----------|-------|
| Complete | Remaining | Total |
| 123 | 210 | 333 |

Notes:

- * Eight Tier 3 houses were completed by Habitat for Humanity with EPA oversight and cooperation.
- * Ten houses remain undetermined due to incomplete information regarding sensitive population.
- * Each residential property may change its priority periodically due to a change in the occupancy (ie: sensitive population)

response.epa.gov/annistonlead