

**United States Environmental Protection Agency  
Region III  
POLLUTION REPORT**

**Date:** Monday, June 22, 2009

**From:** Jack Downie

**To:** Daniel Taylor, EPA  
Mariruth Hoffman, PA DEP

RRC RRC, EPA  
Bryan Werner, PA DEP BRP

**Subject:** Removal Action  
Remacor, Inc.  
P.O. Box 366, West Pittsburg, PA  
Latitude: 40.9349711  
Longitude: -80.3686583

|                          |                   |                            |                |
|--------------------------|-------------------|----------------------------|----------------|
| <b>POLREP No.:</b>       | 202               | <b>Site #:</b>             | G3GM           |
| <b>Reporting Period:</b> | 04/30/09-05/22/09 | <b>D.O. #:</b>             | 03-04-015      |
| <b>Start Date:</b>       | 9/15/2006         | <b>Response Authority:</b> | CERCLA         |
| <b>Mob Date:</b>         | 9/15/2006         | <b>Response Type:</b>      | Time-Critical  |
| <b>Demob Date:</b>       |                   | <b>NPL Status:</b>         | Non NPL        |
| <b>Completion Date:</b>  |                   | <b>Incident Category:</b>  | Removal Action |
| <b>CERCLIS ID #:</b>     | PAD074965096      | <b>Contract #</b>          |                |
| <b>RCRIS ID #:</b>       |                   |                            |                |

#### **Site Description**

EPA has been performing an emergency removal action at this site which has primarily involved the stabilization, repackaging, transportation, and removal of hazardous magnesium materials and other solid wastes from the facility. EPA completed repackaging abandoned magnesium materials that have been stored in drums that have succumbed to varying degrees of corrosion. The repackaged materials have now been removed from the site. Areas of the site including open pad areas, low areas and drainage ways have been cleared of residual wastes that had spilled when the facility was operating. Low-level radioactive solids, and miscellaneous waste material have been packaged and shipped off site for disposal. Lime was removed from eight large vertical vats located on the west and south side of building 2. The lime was neutralized and shipped off site for disposal. Materials were separated from a large debris pile on the south side of the property that contained broken concrete embedded with rebar, and large pieces of scrap metal, mixed with dirt and other fines. The metal was shipped off site for recycling and the concrete and soil were shipped to landfill. Currently, surface soil is being excavated from locations where elevated arsenic and lead are present. PADEP is overseeing site activities for the state and providing support. EPA Superfund Technical Assessment & Response Team (START) contractor TechLaw is providing sampling, technical and administrative support to the EPA. Site security operations are now relinquished to Lawrence County and Taylor Township officials. EPA will continue cleanup and assessment operations on an intermittent basis.

#### **Current Activities**

Personnel On-Scene:

04/30/09 START-2  
05/19/09 EPA-1, START-1, ERRS-6, PADEP-1  
05/20/09 EPA-1, START-1, ERRS-5, PADEP-1  
05/21/09 EPA-1, START-1, ERRS-5, PADEP-2  
05/22/09 EPA-1, ERRS-1

Weather:

04/30/09 Low of 51° F, high of 68° F, variable, PM rain, 0.13" precipitation, wind SSE to 22 mph  
05/19/09 Low of 29° F, high of 74° F, clear, 0.00" precipitation, wind SW to 10 mph  
05/20/09 Low of 39° F, high of 82° F, clear, 0.00" precipitation, wind S to 8 mph  
05/21/09 Low of 50° F, high of 84° F, clear, 0.00" precipitation, wind SSW to 8 mph  
05/22/09 Low of 50° F, high of 84° F, clear, 0.00" precipitation, wind NW to 12 mph

04/30/09

Under the direction of the OSC, two START members mobilized to the site to collect post-excavation verification of clean-up samples. START collected 38 field samples from 50'x50' grids in the areas of

recent surface soil excavation and collected 3 duplicate samples. A laboratory request was submitted to the EPA Client Services Team. START demobilized.

05/04/09

START received CLP laboratory assignment, Case No. 38540, and shipped the samples with 7-day turnaround time for unvalidated data to A4 Scientific Laboratory. Samples will be analyzed for arsenic and lead.

The OSC and ERRS scheduled transportation and disposal of stockpiled soil for the week of May 18, 2009.

05/12/09

The OSC coordinated with ERRS, START, and ERT regarding the low-level radioactive soil that was excavated from the area southwest of building 9.

5/18/09

ERRS mobilized to the Site. No on-site activities were conducted this date.

Unvalidated data from the post-excavation sampling event of 50'x50' grids was received and reviewed. START informed the OSC that 7 grids failed cleanup criteria for arsenic and/or lead.

5/19/09

ERRS held a morning safety meeting and discussed the days activities. Contaminated soil loadout commenced. The stockpiled soil is from excavation of contaminated soil areas.

EPA OSC Downie and START mobilized to the Site. PADEP (M. Hoffman) mobilized to the Site.

ERRS scanned a 300 ton pile of low-level radiation soil segregated from the main stockpile using a RAD instrument. The information was used for profiling the material for disposal. By C.O.B. ERRS loaded 23 truckloads of soil from the primary stockpile. The soil was transported to BFI-Carbon Limestone Landfill via John Browning Trucking Co.

START provided the OSC with technical and administrative assistance, conducted contractor monitoring, and written and photographic documentation.

5/20/09

ERRS held a morning safety meeting and discussed the days activities. Contaminated soil loadout continued. By C.O.B., 20 truckloads of contaminated soil were shipped to BFI-Carbon Limestone Landfill via John Browning Trucking Co.

PADEP arrived on Site to observe activities.

START provided the OSC with technical and administrative assistance, conducted contractor monitoring, and written and photographic documentation.

5/21/09

ERRS held a morning safety meeting and discussed the days activities. Contaminated soil loadout continued. ERRS determined that the low-level radiation soil pile was within the acceptance criteria of BFI-Carbon Limestone Landfill. ERRS combined the 300-ton low-level radiation soil stockpile with the larger stockpile. By C.O.B., 3 truckloads of contaminated soil were shipped to BFI-Carbon Limestone Landfill via John Browning Trucking Co. Scrap metal and machinery was moved from the area west of building 2 to the area south of building 9. ERRS decontaminated equipment and stood down from operations. Stockpiled soil remains to be disposed and the OSC and ERRS will coordinate regarding budget and schedule.

START provided the OSC with technical and administrative assistance, conducted contractor monitoring, and written and photographic documentation. As directed by the OSC, START screened 20 full or partial anodes with a micro-R meter and determined their potential tonnage. The information was sent to the OSC and ERRS to support disposal profiling. START estimated the tonnage of soil that would be excavated from 7 grids where post-excavation samples indicated elevated levels of arsenic or lead remain. This information was provided to the OSC.

START and ERRS workers demobilized from the Site.

5/22/09

The OSC and ERRS RM demobilized from Site following equipment demobilization.

### Next Steps

The OSC will continue to coordinate with ERRS and START for scheduling the disposal of stockpiled soil and excavation of the remaining contaminated grids at the Site.

### Key Issues

None

### Estimated Costs \*

|                                     | Budgeted              | Total To Date         | Remaining           | % Remaining  |
|-------------------------------------|-----------------------|-----------------------|---------------------|--------------|
| <b>Extramural Costs</b>             |                       |                       |                     |              |
| ERRS - Cleanup (thru 9/9/07)        | \$575,000.00          | \$491,435.00          | \$83,565.00         | 14.53%       |
| ERRS - Cleanup (9/10/07 to Present) | \$5,025,000.00        | \$4,607,823.00        | \$417,177.00        | 8.30%        |
| RST/START                           | \$482,980.00          | \$423,189.00          | \$59,791.00         | 12.38%       |
| CLP                                 | \$0.00                | \$402,574.00          | (\$402,574.00)      | 0.00%        |
| <b>Intramural Costs</b>             |                       |                       |                     |              |
|                                     |                       |                       |                     |              |
| <b>Total Site Costs</b>             | <b>\$6,082,980.00</b> | <b>\$5,925,021.00</b> | <b>\$157,959.00</b> | <b>2.60%</b> |

\* 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.

### Disposition of Wastes

Disposal Summary as of 05/21/09:

Magnesium Turnings, Flammable Solid, Haz Mat: 6,017,825 pounds  
Magnesium Scrap, Non-Haz Mat: 766,273 pounds  
Total: 6,784,098 pounds

Low Level RAD drums: 334,275 pounds  
Bulk Load Waste Piles: 12,838,100 pounds

Waste misc. liquids (Non-magnesium): 4,125 gallons  
Waste misc. solids (Non-magnesium): 228,759 pounds

[response.epa.gov/remacor](http://response.epa.gov/remacor)

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