

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

**Date:** Tuesday, November 20, 2007

**From:** Jack Downie

**Subject:** Removal Action

Remacor, Inc.

P.O. Box 366, West Pittsburg, PA

Latitude: 40.9349711

Longitude: -80.3686583

<b>POLREP No.:</b>	87	<b>Site #:</b>	G3GM
<b>Reporting Period:</b>	11/17-11/20/07	<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>	Emergency
<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 is continuing emergency removal actions at this site during the repackaging, transportation, and removal of flammable magnesium materials. Magnesium generators, who previously supplied Remacor with recyclable magnesium and magnesium alloys, are removing their materials from the site. Internet is presently removing its material off site. Winters Performance Products, Inc. has plans to begin shipping on the last week of November or the first week of December. MJ Metals of Bridgeport, CT, has completed repackaging its material and will be shipping the last week of November.

EPA's ERRS contractor Guardian Environmental Services, Inc. (GES) has mobilized to site and has moved its operation to burn piles 6,7, and 8.. Before reacting the material in the reaction pit GES has to empty drums from the piles which may contain material that may not have been reacted. PADEP is providing technical and oversight support at the site. EPA START contractor TechLaw is providing technical and administrative support to EPA. EPA and PADEP officials continue to control access to the site in addition to coordinating the activities of the various generators.

#### Current Activities

Personnel On-Scene:

11/26/07 EPA -1, PADEP-1, START-2, ERRS-1, MHF-2, Security-1 (24 hr)

11/27/07 EPA-3, PADEP-1, START-4, ERRS-10, MHF-2, Others-1, Security-1 (24 hr)

11/28/07 EPA-3, PADEP-1, START-4, ERRS-10, MHF-3, Other-3, Security-1 (24 hr)

Weather:

11/26/07 Low of 39° F, high of 43° F. Rain, 0.00 inches of precipitation, wind Calm.

11/27/07 Low of 36° F, high of 44° F. Overcast, 0.00 inches of precipitation, wind WSW 8-20 mph.

11/28/07 Low of 19° F, high of 38° F. Clear, 0.00 inches of precipitation, wind Variable 3-9 mph.

11/26/07

START attended the morning safety meeting held by MHF Logistics who were on site subcontracting for various Generators. MHF shipped 2 loads of material. The Internet load was consigned to Niapro, Niagara Falls, NY which consisted of 96 drums (12 pallets @ 4 drums/pallet) with an estimated weight of 40,000 pounds. The 2nd load belonged to Winters Performance, Inc and was consigned to Niapro, Niagara Falls, NY it consisted of 96 drums (24 pallets @ 4 drums/pallet) with an estimated weight of 43,033 pounds. Both loads were transported by Hazmat Environmental Buffalo, NY.

EPA OSC Jack Downie mobilized to site to oversee activities and entry to site.

PADEP Mariruth Hoffman mobilized to site and assisted START with sampling and the EPA in oversite. PADEP Hoffman demobilized.

EPA, ERRS contractor Guardian Environmental Services, Inc. mobilized to site today.

The Data Rams and the PDR were not being used because of inactivity on site.

START mobilized to site and began to place flags at grid locations for soil sampling to be done using the InnovX-1000 the first phase in the Removal Assessment. START continues to assist the EPA as needed, conduct written/photographic documentation, and monitor activities conducted on site.

11/27/07

START attended the morning safety meeting held by MHF Logistical Solutions. MHF shipped 2 loads of material. The Internet load was consigned MagReTech, Bellevue, OH and consisted of 104 drums (26 pallets @ 4 drums/pallet) with an estimated weight of 40,000 pounds. The 2nd load which was shipped for Winters Performance, Inc was consigned to Niapro, Niagara Falls, NY it consisted of 88 drums (11 pallets @ 8 drums/pallet) with an estimated weight of 35,000 pounds. Both loads were transported by Hazmat Environmental Buffalo, NY.

EPA OSC Jack Downie and Marjorie Easton were on site to oversee activities and entry to site.

EPA Senior Site Administrative Officer of the Removal Program Rich Messimer mobilized to site to oversee logistic for START and ERRS. EPA Messimer demobilized.

PADEP Mariruth Hoffman mobilized to site and assisted START with sampling and the EPA in oversite. PADEP Hoffman demobilized.

START attended the morning safety meeting held by EPA's ERRS contractor Guardian Environmental Services, Inc. ERRS is continuing to remove drums and sift debris from burn piles 6, 7, and 8. Once the drums are removed and emptied they are crushed and staged, the sifted material is staged in small piles until it can be moved to the reaction pit to be reacted. ERRS continues to work with smaller piles in case a reaction occurs it can be isolated.

Data Ram #1 had a TWA of 23.1 ug/m<sup>3</sup> and Data Ram #2 had a TWA of 28.5 ug/m<sup>3</sup> the PDR's TWA was 0.036 mg/m<sup>3</sup>. The OSHA Permissible Exposure Limit (PEL) for General Industry: 29 CFR 1910.1000 is 15 mg/m<sup>3</sup> TWA.

Two additional START members mobilized to the Site to assist with assessment activities. START began conducting XRF screening in areas located south of Building 9 In accordance with the Sampling QA/QC Work Plan. A conference call was held between the OSC, EPA ERT (Powell), ERT subcontractor Dade Moeller & Associates, START, and PADEP to discuss the sampling plan and to coordinate a site visit. START also continues to assist the EPA as needed with written/photographic documentation, and monitor activities conducted on site.

11/28/07

START attended the morning safety meeting held by MHF Logistical Solutions. MHF personnel were briefed by START on evacuation procedures and routes in case of emergency. MHF shipped 2 loads of material. The Internet load was consigned to MagReTech, Bellevue, OH and consisted of 112 drums (28 pallets @ 4 drums/pallet) with an estimated weight of 42,500 pounds. The 2nd load which was shipped for Winters Performance, Inc was consigned to Niapro, Niagara Falls, NY it consisted of 96 drums (12 pallets @ 8 drums/pallet) with an estimated weight of 35,000 pounds. Both loads were transported by Hazmat Environmental Buffalo, NY.

EPA OSC Jack Downie and Marjorie Easton were on site to oversee activities and entry to site. OSC Downie demobilized.

EPA Senior Site Administrative Officer of the Removal Program Rich Messimer mobilized to site to oversee logistic for START and ERRS. EPA Messimer demobilized.

PADEP Mariruth Hoffman mobilized to site and assisted START with sampling and the EPA in oversight. PADEP Hoffman demobilized.

Data Ram #1 had a TWA of 37.4 ug/m<sup>3</sup> and Data Ram #2 had a TWA of 32.1 ug/m<sup>3</sup> the PDR's TWA was 0.026 mg/m<sup>3</sup>. The OSHA Permissible Exposure Limit (PEL) for General Industry: 29 CFR 1910.1000 is 15 mg/m<sup>3</sup> TWA.

START attended the morning safety meeting held by EPA's ERRS contractor Guardian Environmental Services, Inc. ERRS continues to remove drums and debris from burn piles 6, 7, and 8. ERRS will

continue to remove the piles and react the material until they have enough of an area cleared to began dumping drums removed from the 2005 fire by Remacor employees. The material is believed to be highly volatile and will need to be isolated from other material before being dumped from partially burnt drums and moved to the reaction pit.

Data Ram #1 had a TWA of 23.1 ug/m<sup>3</sup> and Data Ram #2 had a TWA of 28.5 ug/m<sup>3</sup> the PDR's TWA was 0.036 mg/m<sup>3</sup>. The OSHA Permissible Exposure Limit (PEL) for General Industry: 29 CFR 1910.1000 is 15 mg/m<sup>3</sup> TWA.

START continues to conducting XRF screening in areas on site in accordance with the Sampling QA/QC Work Plan. START also continues to assist the EPA with written/photographic documentation, and monitor activities conducted on site.

### **Next Steps**

Internet plans to ship 5 truckloads of its material off site by 11/30/07.

Winter Performance Products, Inc's plans on shipping 5 truckloads of material off site by 11/30/07.

SPX Contech has a tentative schedule to begin shipment of its product off site the 1st week of December.

MJ Metals (generator) has plans to start shipping its material 11/29/07.

EPA START contractor TechLaw, Inc. plans to be completed with its sampling event no later than 12/20/07.

EPA will continue to coordinate with magnesium waste generators for the safe and appropriate removal of the material from the site. EPA will continue to coordinate with all local, state, and federal agencies.

### **Key Issues**

The fire debris piles remaining on slab #3 that constitute the remains of a 68,000 square foot building that was destroyed during the Remacor fire on August 6, 2005 continue to be worked on. The piled fire debris contains construction material intermixed with charred, damaged and deteriorated drums containing reactive magnesium fines and oxides and other process alloys or materials. The nature of the reactive materials mixed with building debris requires careful handling and segregation while increasing the risk of a fire due to exposing once-buried materials to the elements. EPA has been in the process of slowly segregating and processing the remaining fire debris piles. The magnesium-based oxides and fines that are segregated from oversized building debris are being managed on site in order to make them safer to handle. EPA is coordinating with the West Pittsburg Fire Chief in regards to these high hazard operations.

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