

United States Environmental Protection Agency
Region III
POLLUTION REPORT

Date: Friday, April 20, 2007

From: Jack Downie

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

POLREP No.:	32	Site #:	G3GM
Reporting Period:	4/18/07 - 4/20/07	D.O. #:	03-04-015
Start Date:	9/15/2006	Response Authority:	CERCLA
Mob Date:	9/15/2006	Response Type:	Emergency
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	PAD074965096	Contract #	
RCRIS ID #:			

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. Currently, contractors for Meridian are conducting work at the site. SPX Contech, Portage, MI, is coordinating with EPA for removal of their magnesium materials. Internet has contacted OSC and anticipates being on site the week of April 23, 2007 to begin extracting their product from site. EPA and PADEP officials continue to control admittance to the site in addition to coordinating the activities of the various generators.

Current Activities

Personnel On-Scene:

4/18/07 EPA-3, PADEP-5, START-2, EPA NDT-1, ERT-Support -2, URS-6, Other-1, Security-1 (24 hr)

4/19/07 EPA-3, PADEP-2, START-2, EPA NDT-1, ERT-Support -2, URS-5, Other-1, Security-1 (24 hr)

4/20/07 EPA-2, START-2, EPA NDT-1, ERT-Support -2, URS-5, Other-3, Security-1 (24 hr)

Weather:

4/18/07 Overcast and cloudy, precipitation 0.0, temperatures 38-45 °F, winds NNE 3.5-8.1 mph.

4/19/07 Overcast, brief light rain, precipitation 0.0", temperatures 37.9-46.9 °F, winds NW 8-12 mph.

4/20/07 Clear and sunny, precipitation 0.0, temperatures 38-65 °F, winds NE 4.6-12 mph.

On 4/18/07, START attended the morning safety meeting held by URS, subcontractor to Meridian. URS transported 87 full and eight 3/4 super sacks from Building 2 (Deoxsulf) to Building 7 where they will be processed into 55-gallon drums. URS also repackaged 34 pallets @ 4 drums / pallet. A truck from Autumn Industries was loaded with 48 pallets of drums, an estimated gross weight of 31,000 pounds. The load was consigned to Magpro, Camden, TN. START conducted air monitoring for particulates in the repackaging area. The reading's average = 0.014 mg/m3, and the maximum STEL = 0.047mg/m3. OSHA's PEL for total particulates is 15 mg/m3.

OSC Downie, Easton, and Matlock along with PADEP's Holler, Hoffman, and Weaver, who were accompanied by PADEP's Bureau of Radiation Protection personnel Whitehead and Lewis, were on site to assist and oversee radiation survey. The EPA Emergency Response Team (ERT) and the National Decontamination Team (NDT) lead the survey. The ERT and NDT which consisted of EPA Hudson and subcontractors (Draper and Lam) used their Mobile All-Terrain Radiation Survey (MARS) system, which was pulled behind an all-terrain vehicle. PADEP broke into 3 different groups to use other instrumentation for detecting radiation and identifying isotopes in areas with elevated readings found by ERT. PADEP personnel used a Ludlum 2241 with a 44-2 Gamma probe, Exploranium (Handheld isotope identifier), Sam 935 with a 3x3 NAI Probe, and Ortec Detective (HPGe-based Hand-Held Radioisotope Identifier).

START assisted as needed, conducted written and photographic documentation, and monitored activities conducted on site.

On 4/19/07, START attended the morning safety meeting held by URS, subcontractor to Meridian. URS continued to repackage product from super sacks to drums. URS also removed super sacks from Building 2 (Deoxsulf) to Building 7 where the super sacks will be repackaged. The total count of sacks removed from the Deoxsulf is as follows; 41-full and 5-3/4 super sacks. A truck from Autumn Industries was loaded with 52 pallets of drums, an estimated gross weight of 33,800 pounds. The load was consigned to Magpro, Camden, TN. START conducted air monitoring for particulates in the repackaging area. The reading's average = 0.027 mg/m³, and the maximum STEL = 0.405mg/m³. OSHA's PEL for total particulates is 15 mg/m³.

OSCs (Downie, Easton) were on site to oversee radiation survey and overall site activity. EPA Community Involvement Coordinator (Johnson) mobilized to the site to meet with OSCs for a status update on progress of removal activities at the Remacor site. EPA Johnson demobilized.

PADEP (Holler and Hoffman,) mobilized to site to assist in management of site activities. PADEP (Holler and Hoffman,) demobilized.

The EPA Emergency Response Team (ERT) and the National Decontamination Team (NDT) completed radiation survey and a final report will be pending in the near future.

START assisted as needed in radiation survey, conducted written / photographic documentation and monitored activities conducted on site.

On 4/20/07 Start attended the morning safety meeting held by URS. URS continued to repackage product from super sacks to drums. URS also removed super sacks from the Building 2 (Deoxsulf) to Building 7 where the super sacks will be repackaged. One truck from Autumn trucking was loaded with 52 pallets @ 4 drums per pallet with a estimated weight of 33,800 pounds. The load was consigned to Magpro, Camden, TN. URS demobilized for the weekend. START conducted air monitoring for particulates in the repackaging area. The reading's average = 0.023 mg/m³, and the maximum STEL = 0.094mg/m³. OSHA's PEL for total particulates is 15 mg/m³.

OSC Downie and Easton reviewed radiation survey data with ERT and NDT before they demobilized from the site. Initial review of data indicated that there maybe some migration of radioactivity through run-off from the site; however, the radioactivity on site did not appear to be spread through current site activities.

OSC Downie and Easton demobilized.

START conducted written and photographic documentation along with monitoring activities conducted on site.

Planned Removal Actions

EPA anticipates that ERT and their subcontractor will submit a final report in the near future.

ERRS (Guardian) anticipates mobilization to the site on 4/23/07 to begin lab packing operations.

Meridian (generator) will continue to have their subcontractor, URS, repackage and remove their material from the site.

Internet (generator) anticipates being on site with their subcontractor, NIAPRO, during the week of 4/23/07 to begin preparing their drums for shipment.

SPX Contech (generator) will submit a workplan/health and safety plan to EPA for the handling and removal of their drums from the site.

PADEP will reschedule the overflight in the near future.

EPA will continue to coordinate with magnesium waste generators for the safe and appropriate removal of the material from the site.

Disposition of Wastes

Magnesium Turnings, Flammable Solid, Haz-Mat (1,186,505 lbs)

Magnesium Scrap, Non-Haz Mat (704,273 lbs)
Total (1,890,778 lbs)

www.response.epa.gov/remacor