

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Meridian Automotive Systems - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #5
Final POLREP - Waste Disposal Completed
Meridian Automotive Systems
B5UH
Jackson, OH
Latitude: 39.0367950 Longitude: -82.6271260

To:
From: Lori Muller, On-Scene Coordinator
Date: 6/15/2010
Reporting Period: 2/14 to 4/20

1. Introduction

1.1 Background

Site Number:	B5UH	Contract Number:	EP-S5-08-04
D.O. Number:	0012	Action Memo Date:	12/18/2009
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	1/11/2010	Start Date:	1/11/2010
Demob Date:	3/23/2010	Completion Date:	4/20/2010
CERCLIS ID:	OHN000510422	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

Meridian Automotive Systems, Inc. (MAS), formerly used the Site to manufacture and paint fiberglass auto body panels, truck panels, and other parts. MAS also produced a sheet resin material known as "sheet molding compound" (SMC). SMC was a fiberglass-reinforced thermosetting compound manufactured by dispensing mixed resin, maturation agent, fillers, catalyst, and mold release agent onto sheets of polyethylene film. MAS leased the Site structures from a non-profit organization that currently owns the Site property.

MAS ceased all manufacturing operations at the Site in 2007, after which most hydraulic presses and other production equipment were removed from the production building. The Ohio Environmental Protection Agency (OEPA) Southeast District Office (SEDO) Division of Hazardous Waste Management (DHWM) ordered MAS to begin removal activities in 2007 in compliance with the Cessation of Regulated Operations requirements in Ohio Administrative Code (OAC), Chapter 3745- 352. However, removal activities had not completed before MAS declared bankruptcy in 2009 and abandoned the Site.

Recent Site activities have included metal scrapping operations and occasional vandalism and thievery. On August 23, 2009, a small fire was started near the former press line in the on-site production building from metal scrapping operations using an acetylene torch. The local fire department extinguished the fire. During the response, the local acting Fire Chief found the production building's sprinkler system to be non-functional and observed large volumes of potentially flammable hydraulic waste oil staged in open sub-floor pits. In addition, electrical wiring inside the production building had been compromised by unauthorized scrapping of copper wire and electrical components, resulting in electrical shock hazards from exposed wiring. The local acting Fire Chief ordered that the scrapping contractor could conduct no further work inside the production building and notified OEPA SEDO of the fire hazards and wastes observed at the Site. After the fire, the City of Jackson stationed personnel at the Site for round-the-clock fire-watch duty.

OEPA SEDO inspected the Site from August 24 through 26, 2009, and documented large quantities of abandoned manufacturing wastes, including the following:

- Waste oils in six hydraulic press pits totaling an estimated 8,000 to 10,000 gallons;
- Drums containing styrene monomer, flammable liquids, and corrosives, and unlabeled drums with unknown contents;
- Universal waste fluorescent lamps;
- One cardboard box labeled "PCB Ballast";

- Numerous small containers and aerosol cans, including pesticides and laboratory chemicals;
- An instrument containing a radioactive source (americium 241 and beryllium) formerly used to evaluate the thickness and density of fiberglass material; and
- Multiple aboveground storage tanks (AST) with unknown quantities of waste fuel oil, waste hydraulic oil, used oil, propane, and resins.

On September 8, 2009, OEPA SEDO requested the assistance of the U.S. EPA Region V ERB in performing a removal site assessment at the Site. In late September and early October 2009, U.S. EPA Region V coordinated with the Ohio Department of Health to remove the radioactive source from the Site for proper disposal.

1.1.1 Incident Category

1.1.2 Site Description

The Site is located in a mixed residential, agricultural, commercial, and industrial area at 1020 East Main Street in Jackson, Jackson County, Ohio. The Site coordinates are 39.033964 degrees North latitude and 82.622629 degrees West longitude. On-site structures consist of one large production building occupying approximately 300,000 square feet and several unattached chemical and waste storage buildings and tank farms.

The Site property is enclosed by a chain-link fence with padlocked gates.

According to the City of Jackson Mayor's Office, the following are located within 1 mile of the Site: 3,365 homes, 4 schools, 1 community college, 3 nursing homes, 2 retirement communities, and 1 hospital. The current population of Jackson, Ohio, is approximately 6,200.

1.1.2.1 Location

1.1.2.2 Description of Threat

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

Current activities on-site include:

- Transport and disposal of drummed wastes and lab-packed small containers on February 26;
- Vacuumed free waste oil and water liquids and steam pressure-washed the final sub-floor pit on March 22;
- Transferred waste oil and water liquids from on-site fractionation tanks to tanker trucks for transport and disposal on March 22;
- Transport and disposal of non-hazardous solid wastes in roll-off containers on March 22 and 23;
- Filled crushed limestone gravel into the final cleaned sub-floor pit on March 23;
- Added sand absorbent to residual resin product in the final resin storage tank on March 23;
- Cleaned and demobilized the on-site fractionation tanks on March 31;
- Transport and disposal of solids mixed with ignitable resin in the final roll-off container on April 20;

2.1.1 Narrative

2.1.2 Response Actions to Date

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Soil Containing Ignitable Styrene Resin Waste, D001	Solids	7.98 tons	000335507VES		Veolia ES Technical Solutions 7 Mobile Avenue Sauget, IL 62201
Non-Hazardous Oil-Impacted Soil	Solids	77.53 tons			Pine Grove Landfill 5131 Drinkle Road Amanda, OH 43102
Ignitable Liquids, D001	Liquids	9,975 lbs	007188712JJK, 007188713JJK		EQ Detroit 2000 Ferry Street Detroit, MI 48211
Corrosive Liquids, D002	Liquids	1,850 lbs	007188712JJK, 007188713JJK		EQ Detroit 2000 Ferry Street Detroit, MI 48211

Organic Toxic Solids, D016, U240	Solids	5 lbs	007188713JJK		EQ Detroit 2000 Ferry Street Detroit, MI 48211
Ignitable and Reactive Organic Peroxides, D001, D003	Liquids	100 lbs	007188629JJK		Ross Incineration Services 36790 Giles Road Grafton, OH 44044
PCB Ballasts	Solids	22 lbs	007188710JJK		Wayne Disposal, IN. 49350 N I-94 Service Drive Belleville, MI 48111
Mercury Switches and Thermostats, D009	Liquids	5 lbs			Coordinated by Ohio EPA SEDO
Medical Biohazard Waste / Spent Sharps	Solids	1 lb			Coordinated by Jackson County, OH, Health Department
Universal Wastes	NiCd and Pb Acid Batteries	150 lbs	030618		EQIS 2650 N Shadeland Ave Indianapolis, IN 46219
Non-Regulated Liquids	Liquids	8,300 lbs	030616, 030619		EQIS 2650 N Shadeland Ave Indianapolis, IN 46219
Non-Regulated Solids	Solids	1,200 lbs	030616, 030619		EQIS 2650 N Shadeland Ave Indianapolis, IN 46219
Non-Hazardous Oil-contaminated Wastewater	Liquids	39,800 gal		Spring Grove Resource Recovery, Inc. 4879 Spring Grove Avenue Cincinnati, OH 45232	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

Key issues with regards to the Site are as follows:

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

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.