

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #4  
Personnel and Equipment Demobilized, Disposal Begins  
Meridian Automotive Systems  
B5UH  
Jackson, OH  
Latitude: 39.0367950 Longitude: -82.6271260

**To:** David Chung, U.S. EPA  
Jason El-Zien, U.S. EPA  
Bill Messenger, U.S. EPA Region 5  
Mark Durno, U.S. EPA Region V  
Eileen Furey, U.S. EPA Region V  
Sally Jansen, U.S. EPA  
Jeff Kelley, U.S. EPA Region 5  
John Glover, U.S. EPA Region V  
Mike Chezick, U.S. DOI  
Melody Stewart, OEPA  
David Channell, City of Jackson  
Harold Howe, CIC  
Michelle Jaster, U.S. EPA

**From:** Lori Muller, On-Scene Coordinator

**Date:** 3/4/2010

**Reporting Period:** 1/30 to 2/13

1. Introduction

1.1 Background

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

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 theft. 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 flammable hydraulic oil waste 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:

- Used oil wastes 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 fuel oil, 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:

- Personnel and the majority of equipment were demobilized on Saturday, February 13th
- Transferring the last of the liquids from vacuum truck to on-site frac tank for temporary storage;
- Completion of excavating oil-contaminated soil from the storm water ditch;
- Vacuuming free oil and water liquids out of sub-floor pits located inside the facility;
- Steam pressure-washing of the sub-floor pits;
- Filling crushed limestone gravel into the cleaned sub-floor pits;
- Segregation of drums and small containers by hazard category;
- Disposing of used sharps found on-site to the Jackson County Health Department;
- OEPA picking up elemental mercury collected in switches found on-site.

**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>


**2.2 Planning Section**

**2.2.1 Anticipated Activities**

**2.2.1.1 Planned Response Activities**

Planned activities for the next reporting period include:

- Arranging disposal of containerized wastes staged within the building;
- Arranging disposal of oil/water mixutre stored in frac tanks outside the building;
- Arranging disposal of 9 rolloff boxes containing oil-contaminated debris and soil.

**2.2.1.2 Next Steps**

**2.2.2 Issues**

Key issues with regards to the Site are as follows:

- Continue to coordinate with property owner to grant site access to contractors for press and scrap removal;
- Returning to the Site to clean out and backfill the last pit when the 4000 ton press is removed;
- Maintain Site control and Site safety.
- Demobilizing remaining equipment.

**2.3 Logistics Section**

No information available at this time.

**2.4 Finance Section**

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$458,251.00	\$298,123.00	\$160,128.00	34.94%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$458,251.00	\$298,123.00	\$160,128.00	34.94%

\* 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.

**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.

POLREP #4 Last Updated 1/30/2013