

GENERAL MOTORS COMPANY

**GM POWERTRAIN BEDFORD FACILITY
105 GM DRIVE
BEDFORD, INDIANA
EPA ID #IND006036099**

*ADMINISTRATIVE ORDER ON CONSENT
U.S. EPA DOCKET NO. V-W-'03-C-747
REMOVAL ACTION*

**CERCLA PROGRESS REPORT
JULY/AUGUST 2009**

September 11, 2009

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1.0 INTRODUCTION

This Progress Report is submitted in accordance with the ADMINISTRATIVE ORDER ON CONSENT (AOC) FOR REMOVAL ACTION Proceeding Under Sections 104, 106(a), 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. SS 9604, 9606(a), 9607, and 9622 (United States Environmental Protection Agency (U.S. EPA) Docket No.: V-W-'03-C-747) effective July 31, 2003, and with the reporting modification approved August 11, 2009, to submit CERCLA Progress Reports bi-monthly.

As part of a 363 sale under Chapter 11 of the United States bankruptcy code, a new company (General Motors Company) was formed by selling a substantial portion of General Motors Corporation assets to the General Motors Company, including the Bedford Facility. However, a majority of off-Site properties owned by General Motors Corporation prior to restructuring were not transferred and are owned by the former General Motors Corporation, now called Motors Liquidation Company (MLC). Work on those properties is being managed by MLC.

The next Progress Report, for the months of September/October 2009, will be submitted on or before November 15, 2009.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

- Field activities have been significantly curtailed while a new contractor is selected for the work. No work was done in July/August along the stream channel to remove impacted soil and sediment from the creek channel and floodplain and no verification samples were collected during this reporting period. Two small sections to be excavated remain under the staging pile and the former water treatment plant on Bud Ikerd Road. No material hauling was conducted during July/August 2009. A summary of PCB soil disposal to date is presented in Table 1.1.
- Spring 018 water was collected and treated by Severson Environmental Services' (SES's) on-Site water treatment systems. U.S. EPA has approved direct discharge of treated water from SES's treatment systems at the Parcel 216 Staging Area. Sample results from SES's water treatment system during July/August 2009 are provided on Table 2.1.
- Borrow Area 39-1 operation was halted until field activities require additional clean soil.
- A letter was sent to U.S. EPA on August 6, 2009 requesting the consolidation of the Monthly and Quarterly reports. U.S. EPA approved the submittal of bi-monthly reports in lieu of Monthly reports on August 11, 2009. The July/August 2009 CERCLA Progress Report is the first bi-monthly report to be submitted.

- Conference calls were held on July 14 and 28 and August 11, and 27 with U.S. EPA, Agency for Toxic Substance and Disease Registry (ATSDR), the Indiana Department of Environmental Management (IDEM), and the Indiana State Department of Health (ISDH) to discuss items related to the RA and the design and construction of the East Plant Area Interim Measures (IM).
- On-Site construction meetings for the reporting period have been held informally daily and formally as needed during the shut-down and maintenance period. Formal SES construction meetings were held on July 21 and 28, and on August 4, 11, and 25.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- GM is also currently discussing the remaining work under the Order on properties now owned by MLC. Exposed fill areas have been covered and secured both in the Creek area and the East Plant Area while these discussions continue.

4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The following is a list of anticipated work for the next reporting period:
 - Mobilization of contractor (Sevenson) to site.
 - Discuss complete new agreements with MLC on the completion of remaining work on MLC properties.
 - Maintain temporary liners over exposed fill areas as required.
 - Minimize erosion in areas not covered with temporary liners.
 - Manage and treat storm water as needed.
 - Continue to collect and treat Spring 018 water in the SES temporary treatment system.

TABLE 1.1

DISPOSAL SUMMARY OF PCB WASTE MATERIAL - JULY/AUGUST 2009
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

	<i>Total (tons)</i>	<i>Total to Date (tons)</i>
Soil ≥50 mg/kg (Heritage Environmental Services)	0	319,776
Soil <50 mg/kg (Republic-Sycamore Ridge)	0	54,952
Soil <50 mg/kg (East Plant Grading Areas)	0	1,187,160
Soil ≥50 mg/kg (East Plant Area Vault - RCRA sources) ⁽¹⁾	0	187,078
Soil <50 mg/kg (East Plant Area Vault - RCRA sources) ⁽¹⁾	0	1,456
Total Volume Disposed	0	1,750,423

Note:

⁽¹⁾ Estimated from volume calculated using pre- and post-filling surveys of the vault. Conversion factor used was 1.4 tons per cubic yard.

TABLE 2.1

SES TREATMENT SYSTEM #1 SAMPLING RESULTS - JULY/AUGUST 2009
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Sample Date</i>	<i>Analysis</i>	<i>Influent</i>	<i>After Sand Filter 1</i>	<i>After Sand Filter 2</i>	<i>Between Carbons 1 & 3</i>	<i>Between Carbons 2 & 4</i>	<i>After Carbons</i>	<i>Effluent (after bag filters)</i>
7/1/2009	PCB (ug/L) Turbidity (NTU)	ND (0.20) 3.95	-- --	-- --	-- --	ND (0.20) 1.98	ND (0.20) 1.78	ND (0.20) / ND (0.20) 2.05 / 2.32
7/9/2009	PCB (ug/L) Turbidity (NTU)	ND (0.20) 2.45	-- --	-- --	-- --	ND (0.20) / ND (0.20) 0.49 / 0.49	ND (0.20) 0.00	ND (0.20) 0.00
7/15/2009	PCB (ug/L) Turbidity (NTU)	0.91 4.20	-- --	-- --	-- --	ND (0.20) 2.35	ND (0.20) 1.83	ND(0.20) 1.96
7/21/2009	PCB (ug/L) Turbidity (NTU)	0.14 J 2.95	0.16 J 2.47	0.15 J 2.41	ND (0.20) 1.73	ND (0.20) / ND (0.20) 1.78 / 1.82	ND (0.20) 1.78	ND (0.20) 1.74
7/28/2009	PCB (ug/L) Turbidity (NTU)	0.37 3.23	-- --	-- --	-- --	ND (0.10) 0.94	ND (0.10) 1.04	ND (0.10) 1.04
8/5/2009	PCB (ug/L) Turbidity (NTU)	0.25 18.8	-- --	-- --	-- --	ND (0.10) 0.88	ND (0.10) 0.01	ND (0.10) 0.05
8/11/2009	PCB (ug/L) Turbidity (NTU)	0.15 / 0.14 2.56 / 2.48	-- --	-- --	-- --	ND (0.10) 0.27	ND (0.10) 0.00	ND (0.10) 0.00
8/18/2009	PCB (ug/L) Turbidity (NTU)	0.14 3.51	0.18 2.00	0.19 2.53	ND (0.10) 1.98	ND (0.10) 1.76	ND (0.10) 1.92	ND (0.10) 2.04
8/25/2009	PCB (ug/L) Turbidity (NTU)	ND (0.10) 2.99	-- --	-- --	-- --	ND (0.10) 2.37	ND (0.10) 2.22	ND (0.10) / ND (0.10) 2.29 / 2.28

Notes:

J - Estimated result. Results is less than the reporting limit.

ND - Non detect

"--" - Not Sampled

APPENDIX A

DELIVERABLES SUMMARY

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DELIVERABLES SUMMARY

<i>Deliverable</i>	<i>Reference</i>	<i>Deadline</i>	<i>Deliverable Due Date</i>	<i>Status</i>
Final Parcel 22 Workplan	AOC IV.23; VIII.34.a	Approved July 23, 2003	July 23, 2003	complete
Final Upstream Workplan	AOC IV.25; VIII.34.b	Approved July 23, 2003	July 23, 2003	complete
Designation of Contractors and Project Coordinator	AOC VII.30; VII.31	CRA & McGuigan – Effective Date of Order Other contractors – 5 business days prior to commencement of work	July 31, 2003	complete
Contractor HASP	'U.S. EPA Approval Letter, July 23, 2003'	before work is to begins		complete
QAPP	AOC VIII.34.c; VIII.37.a	QAPP – 10 business days AED *	August 14, 2003	complete
OMMP	AOC VIII.38	OMMP – 30 business days after completion of each portion of Work in Paragraph 34. Final OMMP due with Final Report		
Downstream Workplan	AOC VIII.34.d; VIII.35.a	90 days AED	October 29, 2003	complete
Site Source Control Workplan	AOC VIII.34.e; VIII.35.a	Approved November 11, 2003	August 21, 2003	complete
Progress Reports	AOC VIII.39.a U.S. EPA Approval Email, August 11, 2009	1 st 30 days AED 15 th of every other month thereafter	August 30, 2003 September 15, 2009	complete submitted September 11, 2009
Final Report	AOC VIII.40	Within 90 days after required info is received and work completed		

Note:

AED = After Effective Date of Administrative Order on Consent