

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
NOVEMBER/DECEMBER 2009**

January 15, 2010

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	2
2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH	2
3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS..	3
4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD.....	3

LIST OF TABLES

TABLE 1.1	TRANSPORTATION AND DISPOSAL SUMMARY OF PCB WASTE MATERIAL
TABLE 2.1	SES #1 TREATMENT SYSTEM SAMPLING RESULTS

LIST OF APPENDICES

APPENDIX A	DELIVERABLES SUMMARY
------------	----------------------

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.

The next Progress Report, for the months of January/February 2010, will be submitted on or before March 15, 2010.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

- Some field activities have been on hold while General Motors LLC (GM) and Motors Liquidation Company (MLC) finalize negotiations to complete remaining creek soil removal work on the MLC owned Downstream Parcels. If GM completes the work, Severson Environmental Services (SES) will conduct the remaining soil removal work in the creek. Three small sections remain to be excavated after the soil staging pile at Area 'G' is transported; the area under the soil pile, the area under the former temporary water treatment plant on Bud Ikerd Road, and a small area of soil located on the western end of Pleasant Run Creek. No material excavation or hauling was conducted during November/December 2009. A summary of PCB soil disposal to date is presented in Table 1.1.
- Spring 018 water continues to be collected and treated by 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 November/December 2009 are provided on Table 2.1.
- Conference calls were held on November 12 and 24 and December 10 with U.S. EPA and the Indiana Department of Environmental Management (IDEM) to discuss items related to the RA and the design and construction of the East Plant Area Interim Measures (IM). Representatives for the Agency for Toxic Substance and Disease Registry (ATSDR) and U.S. Fish and Wildlife Service (USFWS) were also invited to the call.
- Mobilization of contractor (SES) to the Site to work on the East Plant Area.
- On-Site construction meetings for the reporting period have been held informally daily and formally as needed during the shutdown and maintenance period. Formal SES construction meetings were held on November 3, 10, 17, and 24 and on December 1, 8, 15, and 22.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- GM continues to discuss with MLC the remaining work under the Order on properties now owned by MLC. Exposed fill areas remain covered and secured both in the creek area and the East Plant Area while these discussions continue. It is anticipated that an agreement will be completed with MLC in the first quarter of 2010.

4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The following is a list of anticipated work for the next reporting period:
 - Complete removal of soil on Parcel 36 from under former water treatment plant and transport to the East Plant Area.
 - Complete sediment removal and maintenance of the upper modutank for the SES water treatment plant on Parcel 216 and transport of sediments to the East Plant Area for disposal. Operation of the water treatment plant will continue through this operation and the storage capacity of the lower modutank is anticipated to be sufficient during this time frame. The upper modutank can be brought back online in the treatment system until the work starts, should additional emergency capacity be required.
 - Complete agreements with MLC for properties owned by MLC in order to conduct remaining soil removal work in the creek on the MLC properties.
 - Maintain temporary liners over exposed fill areas as required.
 - Manage and treat stormwater 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 - NOVEMBER/DECEMBER 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 - NOVEMBER/DECEMBER 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>
11/2/2009	PCB (µg/L)	0.24	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	13.6	--	--	--	0.00	0.00	4.15
11/10/2009	PCB (µg/L)	0.25	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	4.46	--	--	--	0.00	0.00	0.00
11/17/2009	PCB (µg/L)	0.20	0.15	0.15	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	3.65	0.37	0.53	0.00	0.00	0.00	0.00
11/25/2009	PCB (µg/L)	0.23	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	13.0	--	--	--	0.86	0.00	0.00
12/1/2009	PCB (µg/L)	0.61	--	--	--	ND (0.10)	ND (0.10) / ND (0.10)	ND (0.10)
	Turbidity (NTU)	35.8	--	--	--	2.48	0.00 / 0.05	1.04
12/8/2009	PCB (µg/L)	0.25	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	1.98	--	--	--	0.00	0.00	0.13
12/14/2009	PCB (µg/L)	0.16	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	24.6	--	--	--	2.08	1.00	1.16
12/22/2009	PCB (µg/L)	0.14	ND (0.10)	0.11	ND (0.10)	ND (0.10)	ND (0.10) / ND (0.10)	ND (0.10)
	Turbidity (NTU)	13.40	42.70	10.43	0.43	3.87	0.65 / 0.65	1.02
12/30/2009	PCB (µg/L)	0.17 / 0.15	--	--	--	ND (0.10)	ND (0.10)	ND (0.10)
	Turbidity (NTU)	20.3 / 21.6	--	--	--	0.46	0.00	9.07

Notes:

ND - Non detect

"--" - Not Sampled

APPENDIX A

DELIVERABLES SUMMARY

APPENDIX A
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 January 15, 2010	complete submitted January 15, 2010
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