

GENERAL MOTORS CORPORATION

**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*

MONTHLY PROGRESS REPORT - MARCH 2009

April 14, 2009

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	DISPOSAL SUMMARY OF PCB WASTE MATERIAL
TABLE 2.1	SES TREATMENT SYSTEM #1 SAMPLING RESULTS
TABLE 2.2	SES TREATMENT SYSTEM #2 SAMPLING RESULTS

LIST OF APPENDICES

APPENDIX A	DELIVERABLES SUMMARY
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1.0 INTRODUCTION

This Monthly 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.

The next Monthly Progress Report, for the month of April 2009, will be submitted on or before May 15, 2009.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

- Work along the stream channel to remove impacted soil and sediment from the creek channel and floodplain did not take place in March 2009 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. Excavation and verification sampling will resume when the soil pile has been removed and as weather conditions allow. This is likely to occur in June 2009 after the spring rainy season is over.
- No material hauling was conducted during March 2009. A summary of PCB soil disposal to date is presented in Table 1.1.
- Water within the remediation areas 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. Water treatment sample results for SES's treatment systems from March 2009 are provided in Tables 2.1 and 2.2.
- Borrow Area 39-1 operation was halted for the duration of the winter and spring rainy season.
- Conference calls were held on March 2, and 17, 2009, 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). The United States Fish and Wildlife Service (USFWS) was also invited to the calls.
- On-Site construction meetings for the reporting period have been held informally daily and formally as needed during the winter shut-down and maintenance period. A formal SES construction meeting was held on March 11, 2009.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- Creek soil excavation and transportation will not occur over the winter and spring months, as there is great difficulty placing soil and clay over soil in winter and spring rainy weather. In addition, water management is more difficult on exposed fill areas in winter and the spring rainy season. Exposed fill areas have been covered both in the Creek area and the East Plant Area and soil erosion controls will be maintained over the winter and spring. It is anticipated that soil placement and grading work will resume in June 2009 after the spring rainy season is over.

4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The following is a list of anticipated work for the next reporting period:
 - Complete and maintain temporary liners over exposed fill areas as required;
 - Submit a response to U.S. EPA comments on the Spring 018 Remedial Approach Report;
 - Submit a Seeps and Springs Data Package update for Site Source Control (SSC) Monitoring Program sampling events conducted in December 2008 and January 2009;
 - Submit SSC Addendum No. 7 as a modification to the SSC Monitoring Program; and
 - Conduct Annual U.S. EPA meeting on April 21, 2009.

TABLE 1.1

DISPOSAL SUMMARY OF PCB WASTE MATERIAL - MARCH 2009
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

	<i>Monthly Total</i> (tons)	<i>Total to Date</i> (tons)
Soil \geq 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
Total Volume Disposed	0	1,551,512

TABLE 2.1

SES TREATMENT SYSTEM #1 SAMPLING RESULTS - MARCH 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>
03/05/2009	PCB (ug/L)	0.24	--	--	--	ND (0.20)	ND (0.20)	ND (0.20) / ND (0.20)
	Turbidity (NTU)	49.80	--	--	--	6.07	3.34	3.83 / 3.62
03/12/2009	PCB (ug/L)	--	--	--	--	--	--	--
	Turbidity (NTU)	--	--	--	--	--	--	--
03/19/2009	PCB (ug/L)	--	--	--	--	--	--	--
	Turbidity (NTU)	--	--	--	--	--	--	--
03/26/2009	PCB (ug/L)	ND (0.20)	ND (0.20)	0.12 J	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.2) / ND (0.2)
	Turbidity (NTU)	5.78	2.99	0.31	0.18	0.11	0.04	0.33 / 0.48

Notes:

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

ND - Non detect

"--" - Not Sampled

TABLE 2.2

SES TREATMENT SYSTEM #2 SAMPLING RESULTS - MARCH 2009
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Sample Date</i>	<i>Analysis</i>	<i>Influent</i>	<i>Between Carbons 1 & 3</i>	<i>Between Carbons 2 & 4</i>	<i>Sandfilter Train 3 Effluent Process</i>	<i>Sandfilter Train 2 Effluent Process</i>	<i>Sandfilter Train 1 Effluent Process</i>	<i>Effluent (after bag filters)</i>
03/05/2009	PCB (ug/L)	0.22	ND (0.20)	ND (0.20)	--	--	--	ND (0.20)
	Turbidity (NTU)	18.40	3.29	19.30	--	--	--	0.64
03/12/2009	PCB (ug/L)	0.48	ND (0.20)	ND (0.20)	--	--	--	ND (0.20)
	Turbidity (NTU)	9.39	4.07	2.34	--	--	--	1.17
03/19/2009	PCB (ug/L)	0.33	ND (0.20)	ND (0.20)	0.33	0.34	0.34	ND (0.2) / ND (0.2)
	Turbidity (NTU)	18.10	4.47	3.98	30.70	22.70	17.80	1.02 / 1.09
03/26/2009	PCB (ug/L)	--	--	--	--	--	--	--
	Turbidity (NTU)	--	--	--	--	--	--	--

Notes:

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

ND - Non detect

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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
Monthly Progress Reports	AOC VIII.39.a	1 st 30 days AED 15 th of each month thereafter	August 30, 2003 April 15, 2009	complete submitted April 14, 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