

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 - MAY 2009

June 11, 2009

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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 (RA) 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 June 2009, will be submitted on or before July 15, 2009.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

- Field activities have been significantly curtailed until weather improves and a new contractor is selected for the work. No work was done in May 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. Excavation and verification sampling will resume when the soil pile has been removed and as weather conditions allow, once a new contractor has been selected.
- No material hauling was conducted during May 2009. A summary of PCB soil disposal to date is presented in Table 1.1.
- Spring 18 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. Water treatment sample results for SES's treatment system from May 2009 are provided on Table 2.1.
- Borrow Area 39-1 operation was halted until field activities require additional clean soil.
- Conference calls were held on May 5 and 19, 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.
- A conference call to discuss the Site Source Control (SSC) Seeps and Springs Monitoring Program was held on May 26 with U.S. EPA and IDEM.
- 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. Formal SES construction meetings were held on May 5, 12, 21, and 26, 2009.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- Creek soil excavation and transportation will not occur until mid to late summer. There is difficulty placing soil in poor weather in the now much more constrained areas on the East Plant Area. In addition, water management is more difficult on exposed fill areas in the rainy season. GM is also currently in the process of changing out contractors for the work and is bidding out the remaining excavation and transport work to a new contractor. Exposed fill areas have been covered and secured both in the Creek area and the East Plant Area and soil erosion controls will be maintained until field activities recommence in each area of the landfill.

4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The following is a list of anticipated work for the next reporting period:
 - Maintain temporary liners over exposed fill areas as required;
 - Minimize erosion in areas not covered with temporary liners;
 - Manage and treat stormwater as needed;
 - Continue to work with bidders on the new specifications and contract for remaining Downstream Parcels RA work;
 - Continue to collect and treat Spring 18 water in the SES temporary treatment system;
 - Submit responses to SSC Addendum No. 7 Comments; and
 - Submit SSC Collection Systems maintenance schedule summary.

TABLE 1.1

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

	<i>Monthly 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 - MAY 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>
5/4/2009	PCB (ug/L)	ND (0.20)	--	--	--	ND (0.20)	ND (0.20)	ND (0.20) / ND (0.20)
	Turbidity (NTU)	4.86	--	--	--	1.43	1.26	1.32 / 1.33
5/12/2009	PCB (ug/L)	0.23	--	--	--	ND (0.20)	ND (0.20)	ND (0.20)
	Turbidity (NTU)	4.16	--	--	--	0.04	0.00	0.00
5/19/2009	PCB (ug/L)	0.38	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20) / ND (0.20)
	Turbidity (NTU)	6.64	3.00	4.37	1.64	1.11	1.30	1.11 / 1.00
5/27/2009	PCB (ug/L)	0.41 / 0.44	--	--	--	ND (0.20)	ND (0.20)	ND (0.20)
	Turbidity (NTU)	5.97 / 6.00	--	--	--	0.00	0.00	0.00

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
Monthly Progress Reports	AOC VIII.39.a	1 st 30 days AED 15 th of each month thereafter	August 30, 2003 June 15, 2009	complete submitted June 12, 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