

GENERAL MOTORS LLC

**GM CETC 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 2011**

September 15, 2011

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	2
2.0 SIGNIFICANT DEVELOPMENTS IN THIS PERIOD	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	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 September/October 2011, will be submitted on or before November 15, 2011.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS PERIOD

- An agreement between GM and MLC for GM to complete the remaining creek soil removal work on MLC property (Staging Area G Parcel 39) was previously signed and approved in early August 2010. Excavation and stockpiling of the low-level (<50 mg/kg) PCBs floodplain soil was completed in July. Transportation of the stockpiled material to the East and West Plant Area for placement under the Cover Systems was also completed during the month of July. An estimated 9,000 cubic yards (12,600 tons) of <50 mg/kg PCBs soil was transported in this timeframe.
- Maintenance of storm water and erosion controls continued on an as-needed basis.
- Spring 018 water continued to be collected and treated by SES's on-Site water treatment system. Sample results from SES's water treatment system during July/August 2011 are provided in Table 1.
- Detailed design of the bedrock diversion trench to divert clean water away from Spring 018, thereby reducing the volume of water produced by Spring 018, continued during this reporting period.
- Initiated work on the Downstream Parcels Construction Certification Report.
- Conference calls were held on July 15 and 28 and August 16 and 30, 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).
- On-Site construction meetings for the reporting period have been held informally daily and formally as needed. Formal SES construction meetings were held on July 5, 12, and 26 and on August 2. Tailgate safety meetings are held daily for both the consultant and the contractor.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- None.

4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The following is a list of anticipated work for the next reporting period:
 - Continue to manage and treat storm water as needed, continue to collect and treat Spring 018 water, and continue maintenance of erosion controls.
 - Complete an inspection of the restoration of the property south of Broomsage Road.
 - Complete the detailed design of the bedrock diversion trench to divert clean water away from Spring 018 including the completion of thirteen bedrock coreholes along the planned alignment to confirm the alignment.
 - Continue work on the Downstream Parcels Construction Certification Report.

TABLE 1
SES TREATMENT SYSTEM #1 SAMPLING RESULTS - JULY/AUGUST 2011
GM CETC 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>Effluent</i>
7/7/2011	PCB (ug/L)	0.17 J	ND (0.20) / 0.213 J	0.12 J	ND (0.20)	ND (0.19)	ND (0.19)
	Turbidity (NTU)	4.56	0.83 / 0.78	0.99	1.86	1.33	0.77
7/13/2011	PCB (ug/L)	0.19	--	--	--	ND (0.19)	ND (0.19)
	Turbidity (NTU)	1.03	--	--	--	0.00	0.00
7/18/2011	PCB (ug/L)	0.17 J	--	--	--	ND (0.20)	ND (0.20)
	Turbidity (NTU)	4.47	--	--	--	0.05	0.00
7/26/2011	PCB (ug/L)	0.13 J	--	--	--	ND (0.19) / ND (0.19)	ND (0.19)
	Turbidity (NTU)	0.00	--	--	--	0.00 / 0.00	0.00
8/2/2011	PCB (ug/L)	0.11 J	0.090 J / 0.12 J	0.10 J	ND (0.21)	ND (0.20)	ND (0.20)
	Turbidity (NTU)	1.70	0.25 / 0.27	0.04	0.22	0.58	0.00
8/9/2011	PCB (ug/L)	39685	--	--	--	ND (0.19)	ND (0.19)
	Turbidity (NTU)	4.48	--	--	--	0.48	0.15
8/17/2011	PCB (ug/L)	0.086 J / 0.083 J	--	--	--	ND (0.19)	ND (0.19)
	Turbidity (NTU)	20.6 / 21.5	--	--	--	2.02	0.00
8/24/2011	PCB (ug/L)	0.27	--	--	--	ND (0.19)	ND (0.19)
	Turbidity (NTU)	5.51	--	--	--	1.08	0.04

Note:

1) Bag filters were removed during maintenance/repair of the WTP in April 2010. Effluent now occurs after the final carbon filter

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 September 15, 2011	complete submitted September 15, 2011
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