

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 - APRIL 2009

May 14, 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 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 May 2009, will be submitted on or before June 15, 2009.

2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

- No work was done in April 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. Re-mobilization is likely to occur in June 2009 after the spring rainy season is over.
- No material hauling was conducted during April 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 April 2009 are provided in Tables 2.1.
- A Site Source Control (SSC) Addendum No. 7 to terminate the SSC Sampling program was submitted to U.S. EPA on April 7. Preliminary comments to SSC Addendum No. 7 were received on April 15.
- Data Package Updates for the SSC Seeps and Spring Monitoring Events conducted in December 2008 and January 2009 were submitted on April 7.
- Response to comments for the Spring 018 Remedial Approach Work Plan was submitted on April 7.
- Borrow Area 39-1 operation was halted for the duration of the winter and spring rainy season.
- A conference call was held on April 1, 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 call.

- 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.
- On April 20 and 21, 2009 the Annual Site tour and meeting with U.S. EPA and IDEM were held in Bedford.

3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- Creek soil excavation and transportation will not occur over the winter months, as there is great difficulty placing soil and clay over soil in winter weather. In addition, water management is more difficult on exposed fill areas in winter. 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. 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:
 - Maintain temporary liners over exposed fill areas as required; and
 - Submit responses to SSC Addendum No. 7 Comments.

TABLE 1.1

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

| | <i>Monthly Total (tons)</i> | <i>Total to Date (tons)</i> |
|--|---------------------------------|---------------------------------|
| 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 |
| Soil \geq 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 - APRIL 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> |
|--------------------|-----------------|-----------------|----------------------------|----------------------------|----------------------------------|----------------------------------|----------------------|-------------------------------------|
| 4/1/2009 | PCB (ug/L) | 0.28 | -- | -- | -- | ND (0.20) | ND (0.20) | ND (0.20) |
| | Turbidity (NTU) | 5.35 | -- | -- | -- | 0.57 | 0.42 | 1.19 |
| 4/8/2009 | PCB (ug/L) | 0.30 | -- | -- | -- | ND (0.20) | ND (0.20) | ND (0.20) / ND (0.20) |
| | Turbidity (NTU) | 10.12 | -- | -- | -- | 2.38 | 1.96 | 1.98 / 0.77 |
| 4/15/2009 | PCB (ug/L) | 0.22 / 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | Turbidity (NTU) | 7.05 / 6.96 | 5.54 | 4.21 | 1.95 | 1.85 | 1.74 | 1.92 |
| 4/22/2009 | PCB (ug/L) | ND (0.20) | -- | -- | -- | ND (0.20) | ND (0.20) | ND (0.20) |
| | Turbidity (NTU) | 7.28 | -- | -- | -- | 1.65 | 1.45 | 1.37 |
| 4/28/2009 | PCB (ug/L) | 0.37 | -- | -- | -- | ND (0.20) | ND (0.20) | ND (0.20) |
| | Turbidity (NTU) | 12.10 | -- | -- | -- | 1.12 | 1.18 | 1.16 |

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 May 15, 2009 | complete submitted May 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