

*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 - JULY 2008**

**August 14, 2008**

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## 1.0 INTRODUCTION

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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 August 2008, will be submitted on or before September 15, 2008.

## 2.0 SIGNIFICANT DEVELOPMENTS IN THIS MONTH

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- Air monitoring has continued. Final validated results of the creek Removal Action (RA) air-monitoring program for July 2008 are presented in Table 1.1a (polychlorinated biphenyl (PCB) results) and Table 1.1b (total suspended particulate (TSP) Stations 25C, 28A, and 32B). The locations of the air monitoring stations in the Downstream Parcels are presented on Figure 1.
- Verification results are presented on Figures 2 through 10 to show progress as of this reporting period. Work completed in the parcels, as presented, is not complete as either additional excavation or statistical evaluation may be required to confirm the cleanup objective has been met. Verification figures for a given parcel are included in the monthly report as new data become available until all cleanup criteria are met, whereupon the figure is presented with validated data. Final verification figures will be presented in the Downstream Parcels Construction Certification Report.
- Work continued in July 2008 along the stream channel of Parcel 39 to remove impacted soil and sediment from the creek channel and floodplain. This material is brought to and temporarily staged at Staging Area G. Confirmation sampling was conducted on the following excavated parcel:
  - Parcel 39 on July 2, 8, 10, 14, 15, 17, 18, 21, 22, 24, 25, and 29, 2008, as presented on Figures 2, 3, 4, 5, 6, 7, 8, 9, and 10.
  - Figures 11, 12, and 13, depict key-maps of verification area grids for the parcels sampled during this reporting period.
- A total of 10,829 tons of <50 mg/kg PCB material was moved from Staging Area G and placed in approved fill areas within the East Plant Area in July 2008.
- No ≥50 mg/kg PCB soils from the creek were excavated or transported for disposal at the Heritage Landfill in Roachdale, Indiana in July 2008.

- No <50 mg/kg PCB tree stump and associated soil material was disposed of at the Sycamore Ridge Landfill in Terra Haute, Indiana in July 2008.
- The summary of PCB soil disposal for July 2008 is presented in Table 2.1. The transportation and disposal summary for the <50 mg/kg PCB soil is presented in Table 2.1a.
- Water within the remediation areas was collected and treated by ENTACT Environmental Services' (ENTACT's) and/or Severson Environmental Services' (SES's) on-Site water treatment systems. U.S. EPA has approved direct discharge of treated water from both ENTACT's treatment system at Staging Area F and SES's treatment system at Parcel 216 Staging Area. Water treatment sample results for ENTACT's and SES's treatment systems for July 2008 are provided in Table 3.1 and 3.2, respectively.
- In response to the property owner request, Parcel 23 was inspected for possible erosion or damage.
- Restoration of Parcels 29, 30, 36 and 72 continued.
- Operation of Borrow Area 39-1 continued.
- Tree consolidation, chipping, and mulching continued.
- Conference calls were held on July 15 and 29, 2008, 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 weekly. Meetings with SES for remediation and restoration work are each generally held on Wednesdays. SES remediation meetings were held on July 2, 19, 16, and 23, 2008. SES restoration meetings were held on July 2, 19, 16, and 23, 2008. Meetings with ENTACT are held generally on Thursdays. The ENTACT meetings were held on July 12, 19, and 26, 2008.

### 3.0 SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

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- GM continues to evaluate the Spring 018 Area. This spring water is currently captured and treated before entering the creek. A report summarizing Site Source Control (SSC) Work Plan: Addendum No. 5 and the Proposed Spring 018 Remedial Approach has been prepared and is currently under review.

### 4.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

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- The following is a list of anticipated work for the next reporting period:
  - Continue excavation in the Downstream Parcels (ENTACT work area);
  - Continue restoration of Parcels 30
  - Continue operation of Borrow Area 39-1 and preparation of Borrow Area 39-7;
  - Continue tree consolidation, chipping, and mulching;
  - Continue road repair work, as needed;
  - Complete a survey of the volume of material remaining in Staging Area G;
  - Submit SSC Investigation Summary and Proposed Remedial Approach for the Spring 018 Area;
  - Submit Seeps and Springs Monitoring Data Package update for the sampling event conducted the second quarter 2008; and
  - Continue transportation of the <50 ppm soil from the creek in the approved East Plant Area fill areas.















































































