



**Worldwide Facilities Group
Remediation Team**

July 14, 2008

Reference No. 013968

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Project Manager for IND 0060306099
Waste, Pesticide and Toxins Division
U.S. EPA Region 5
77 West Jackson Blvd. (DW-8J)
Chicago, IL 60604-3590

Dear Mr. Ramanauskas:

Re: GM Powertrain – Bedford Facility, IND 006036099
Voluntary RCRA Corrective Action
Quarterly Progress Report #29, Second Quarter 2008
GM Powertrain Group, Bedford Indiana Facility
Bedford, Indiana

Please find enclosed the Quarterly Progress Report #29 (Second Quarter 2008) for the Performance-Based RCRA Corrective Action project at the GM Powertrain Bedford Facility, 105 GM Drive, Bedford, Indiana. This report is being submitted pursuant to the Performance-Based RCRA Corrective Action Agreement between the U.S. EPA and General Motors, signed March 20, 2001 and amended October 1, 2002, February 28, 2007, and February 27, 2008.

The next Quarterly Progress Report, covering the Third Quarter 2008, will be submitted on or before October 15, 2008.

Should you have any questions regarding this document, please do not hesitate to contact me at (248) 753-5799.

Yours truly,

General Motors Corporation

Cheryl R. Hiatt
Project Manager

SH//114
Encl.

c.c.: See Attached Distribution List

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RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #29 SECOND QUARTER 2008

**GM POWERTRAIN - BEDFORD FACILITY
105 GM DRIVE
BEDFORD, INDIANA**

EPA ID# IND006036099

**Prepared For:
General Motors Corporation**

JULY 14, 2008

REF. NO. 013968 (280)

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**QUARTERLY PROGRESS REPORT
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1.0 INTRODUCTION

This Quarterly Progress Report is submitted in accordance with the Bedford Performance-Based Corrective Action Agreement (Agreement) between the United States Environmental Protection Agency (U.S. EPA) and General Motors Corporation (GM), executed on March 20, 2001, and modified on October 1, 2002, and February 28, 2007. This report covers the period of the second calendar quarter of 2008 for the GM Powertrain - Bedford Facility (Facility), Bedford, Indiana. Some of the activities conducted as part of the overall Resource Conservation and Recovery Act (RCRA) Corrective Action (CA) are being addressed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Removal Action (RA) Program, pursuant to the Administrative Order on Consent (AOC) between U.S. EPA and GM (effective July 31, 2003). These activities are described in more detail within the CERCLA Monthly Progress Reports referred to herein.

The next quarterly progress report, covering the Third Quarter of 2008, will be submitted on or before October 15, 2008.

2.0 LIST OF COMPLETED ACTIVITIES

The following activities took place and the following documents were prepared and distributed during this quarter:

- Conference calls were held with U.S. EPA, Indiana Department of Environmental Management (IDEM), the Agency for Toxic Substance and Disease Registry (ATSDR), and Indiana State Department of Health (ISDH) on April 1 and 18; May 13; and June 5 and 17, to discuss project progress (United States Fish and Wildlife Service (USFWS) was also invited to attend the update calls);
- Fact Sheet 20 was released to the public and U.S. EPA on June 11;
- Information sessions for the public were held at the Facility during the Second Quarter on June 17, 18, and 19. The meeting on June 17 was held to discuss issues related to project truck traffic on public roads;
- The Community Liaison Panel (CLP) met on June 20;
- A meeting was held in Chicago with U.S. EPA and IDEM on June 23 to discuss the Draft Groundwater Collection Trench Design and schedule to move the work forward;
- Air monitoring was conducted for construction activities in the East Plant Area and Parcel 201. Air monitoring results completed for work in the East Plant Area are presented in Tables 2.1 (PCB) and 2.2 (TSP). Figure 2.1 presents the monitoring locations in the East Plant Area;
- Figures of the cross-sections of Parcel 400 were sent via e-mail to U.S. EPA regarding the Parcel 400 boring preliminary results data on April 3;
- An e-mail was sent on April 4 to U.S. EPA in response to questions on the vault pumping tables for determining recharge rates, PCB detections, and drop in water levels;
- Revised soil erosion calculations for the East Plant Area Final Cover System were submitted to U.S. EPA on April 16 via e-mail:
 - On April 21, the revised Final East Plant Area Cover System report was submitted to U.S. EPA;
- GM underground utility drawings for the main (west) Plant facility were re-sent to U. S. EPA on April 21;
- Draft Responses to the Draft Environmental Indicator (EI) CA750 Determination were submitted to U. S. EPA on April 23;

- The Final EI CA750 was submitted to U.S. EPA on April 29;
- An email was sent to U.S. EPA on April 30 regarding the effective solubility calculations and equations on the EI CA750; and
- On May 13, an electronic version of the Final CA750 Form was sent via e-mail to U.S. EPA, as requested;
- Response to Comments were sent via e-mail to U.S. EPA for the Parcel 201 and 204 IM Work Plan on May 2:
 - Comments from U.S. EPA regarding the Response to Comments on the Parcel 201 and 204 IM Work Plan were sent via e-mail on May 14;
 - An approval with pending modifications to the Parcel 201 and 204 IM Work Plan was given on May 14;
 - The Final Parcels 201 and 204 IM Work Plan was submitted on May 16;
 - Excavation of ≥ 50 mg/kg PCB material in Parcel 201 was completed in June;
 - Excavation and subsequent verification sampling of < 50 mg/kg PCB material on Parcel 204 has shown that the cleanup will need to be extended south onto Parcel 203. GM will be seeking access to Parcel 203 to complete the cleanup;
- An aerial photograph showing the location of 308 L Street was sent via e-mail to U.S. EPA on May 2;
- Sample results and corresponding laboratory reports from samples collected from “springs” that have appeared within the excavation on the Northern Tributary were sent via e-mail to U.S. EPA on May 16;
- A summary of the May 27 storm event was sent to U.S. EPA via e-mail on May 29;
- Sampling results for samples collected at Parcel 316 and a database of GM’s understanding of parcel ownership was submitted to U.S. EPA via e-mail on June 10;
- On June 11, 2008, two utility strikes occurred in the East Plant Area in separate incidents. The first occurred when a piece of equipment was dropped onto a live electrical line resulting in a loss of power to the Facility’s water treatment plant. The second incident involved striking the Plant’s fire protection line in a separate excavation. Operations in the Facility were affected, however no injuries occurred. A safety stand-down was observed from June 18 through June 26 for East Plant Area operations to allow a thorough review of all safety processes;
- Two conceptual parking lot designs for the West Plant Area were sent via email to the U.S. EPA on June 27; and

- The April 2008, May 2008, and June 2008 CERCLA RA Monthly Progress Reports were submitted during the Second Quarter of 2008. Quarterly Progress Report #28 for the First Quarter of 2008 was submitted April 14.

3.0 SUMMARIES OF ALL CHANGES MADE IN THE CORRECTIVE ACTION (CA) DURING THE REPORTING PERIOD

The following changes were made to the CA during the reporting period:

- Submission of Parcel 400 cross section figures on April 3;
- Submission of vault pumping tables for determining recharge rates, PCB detections, and drop in water levels on April 4;
- Submission of Final East Plant Area Cover System report on April 21;
- Submission of Final EI CA750 on April 29;
- Submission of revised Proposed Sediment Sampling Plan on April 30;
- Submission of response to U.S. EPA comments regarding the Parcels 201 and 400 IM Work Plan on May 2;
- Submission of an aerial photograph on May 3;
- Submission of Final Parcels 201 and 204 IM Work Plan on May 16; and
- Submission of sample results and lab reports for samples collected from "springs" that appeared from within the excavation on the Northern Tributary on May 16;
- Receipt of approval for Draft IOMMP for the Upstream Parcels on June 3;
- Submission of Spring 018C data from all samples collected during 2008 on June 6;
- Submission of sampling results for samples collected on Parcel 316 on June 10;
- Publication of Fact Sheet 20 on June 11; and
- Submission of response to U.S. EPA comments regarding the Draft Groundwater Collection Trench Design on June 20.

4.0 COMMUNITY RELATIONS

GM continues to maintain the toll free information telephone number. Individual meetings can also be arranged to discuss sampling results with individual residents as requested.

Quarterly meetings to review project status, are held both with the neighbors along the creek and around the plant, as well as with the general public. Quarterly meetings were held during this reporting period on June 17, 18, and 19, 2008, at the Bedford Facility. The meetings were held from 6:30 PM to 8:00 PM at the Bedford Facility. The meeting held on June 17 was an information session regarding project truck traffic. Meetings held on June 18 and 19 were held as regular project update information sessions. Presentations for the meetings are posted on the web site at www.bedfordpowertraincorrectiveaction.com. The next set of public meetings will be held in September 2008 on a date to be determined.

Fact Sheet 20 was issued on June 11, 2008.

The CLP meeting occurred in this quarter on June 20, 2008. The CLP was formed to provide additional communication avenues for the community and the meetings are currently being held at the GM Facility approximately every three months or more frequently if information on the project changes significantly. The CLP meeting minutes are posted on the GM website at www.bedfordpowertraincorrectiveaction.com. The next CLP meeting is scheduled for September 2008 on a date to be determined.

The Information Center, located at the plant lobby, is available by appointment through Ms. Becki Akers, GM Communications, at the project toll free number 866-223-0856. The repository located at the Bedford Public Library remains open at normal business hours. All data in the repository are also located on the aforementioned web site.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

A number of field personnel have been rotated in and out of the field activities.

6.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

Work projected for the next reporting period includes:

- Conducting a neighborhood information session in September 2008 on a date to be determined;
- Conducting a general public information session in September 2008 on a date to be determined;
- Conducting a CLP Meeting in September 2008 on a date to be determined;
- Preparing and distributing Fact Sheet 21 in the next quarter;
- Continuing with RA activities on downstream parcels;
- Continuing the evaluation of RFI soil and groundwater data, as needed;
- Submitting the Northern Tributary IM Construction Certification Report;
- Submitting a final West Plant Area IM Work Plan;
- Completing approved work as outlined in the West Plant Area IM Work Plan and related correspondence;
- Continuing soil sampling in the area near Parcel 400 and completing the IM Work Plan for this area;
- Continuing construction of the vault cover;
- Continuing placement of the <50 mg/kg PCB RA soils in the East Plant Area as grading fill beneath the landfill cover system;
- Modifying the East Plant Cover System design to address additional soil placement or unknown issues (as needed); and
- Submitting a revised AOI 8 NAPL recovery plan.

**7.0 COPIES OF DAILY REPORTS, INSPECTION REPORTS,
LABORATORY/MONITORING DATA**

Parcel 204 verification sample locations are presented on Figure 7.1. Sample results validated to date are presented in Table 7.1.

Packages of analytical data from creek remediation verification sampling have been submitted monthly as they become available, after validation, in the monthly reports prepared for the CERCLA AOC, and will continue to be submitted during the next reporting period. Any other sampling data collected during the quarter will be submitted under separate cover once validation is completed.

