

RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #41 SECOND QUARTER 2011

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

EPA ID# IND006036099

**Prepared For:
General Motors LLC**

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**QUARTERLY PROGRESS REPORT
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1.0 INTRODUCTION

This Quarterly Progress Report is submitted by General Motors LLC (GM) in accordance with the Bedford Performance-Based Corrective Action Agreement (Agreement), executed on March 20, 2001, and modified on October 1, 2002, March 29, 2007, and May 9, 2008. This report covers the period of the second calendar quarter of 2011 for the Resource Conservation and Recovery Act (RCRA) Corrective Action (CA) Project at the GM Castings, Engines, Transmissions, and Components (CETC; formerly Powertrain) – Bedford Facility (Facility), Bedford, Indiana. Some of the activities conducted as part of the overall RCRA 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), effective July 31, 2003. These activities are described in more detail within the CERCLA Progress Reports referred to herein.

The next quarterly progress report, covering the Third Quarter of 2011, will be submitted on or before October 15, 2011.

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 and the Indiana Department of Environmental Management (IDEM) on April 14 and 29; May 12; and June 10 and 28, 2011, to discuss project progress.
- The annual on-Site project status meeting between U.S. EPA, IDEM, and GM was held on May 26, 2011. Participants were given a tour of the Site prior to the meeting. The purpose of the meeting was to update the agencies on work completed in the last year and work anticipated to be completed in the current year.
- A request for approval or comment on the Parcels 387 and 389 Construction Certification Report, Parcel 22 Construction Certification Report, Parcel 22 Interim Operation, Monitoring and Maintenance Program (IOMMP), and modifications to the Upstream Parcels IOMMP was emailed to U.S. EPA and IDEM on April 5, 2011.
 - U.S. EPA requested clarification for how the validated data presented in the Parcels 387 and 389 Construction Certification Report related to the requirements of the Quality Assurance Project Plan (QAPP) on April 5. Clarification of the data validation process was provided on April 11, and U.S. EPA approved the report April 11.
 - U.S. EPA approved the Parcel 22 Construction Certification Report and IOMMP on April 11.
 - IDEM approved the four above referenced documents on April 12.
 - U.S. EPA approved the Upstream Parcels IOMMP modifications letter on May 11, 2011.
- Mobilization by Severson and CRA workers was initiated to support the commencement of the construction season in early April.
- Work on the northern part of the East Plant Area Cover System resumed this quarter, with grading work commencing in April. Liner crews arrived in June to conduct liner installation.
- GM met with the property owners of Parcels 400, 430, and 431 in June to discuss results of the investigation on their property.
- Packer testing on two wells southeast of the facility (CH-2A and MW-X209Y053) in AOI 8 continued in order to vertically delineate NAPL.
- Additional groundwater sampling was conducted in June 2011 to reassess PCB detections from the March/April 2011 Environmental Indicator CA750 results.

- Work under the Downstream Parcels Removal Action Work Plan: Addendum No. 3 commenced in April 2011, including work to construct the berm over the North Lawrence Water Authority's waterline on Parcel 39. After weather delays in April and May, removal and off-Site disposal of the ≥ 50 mg/kg PCBs soil was completed on June 13, 2011, with the removal and disposal of 46.9 tons of waste at Heritage Landfill in Roachdale, Indiana. Excavation and stockpiling of the < 50 mg/kg PCBs flood plain soil to the East Plant Area was nearly complete by the end of June 2011, with transportation to the East and West Plant Area Cover Systems scheduled to be completed in July 2011.
- Fact Sheet 32 was published on June 16, 2011.
- An information session for the public was held on June 23, 2011, at the CRA Field Trailer. Invitations were mailed to the project neighbors and the meeting was also announced in the Bedford Times Mail.
- The Community Liaison Panel (CLP) met at the CRA Field Trailer on June 23, 2011.
- A news article was published in the Bedford Times Mail after the June 23, 2011, public meeting outlining the clean-up progress.
- The CERCLA RA Progress Reports covering March/April 2011 were submitted during the Second Quarter of 2011.

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:

- Publication of Fact Sheet 32 on June 16, 2011.
- Public meeting held on June 23, 2011, to summarize progress made on the project during the first quarter of 2011.
- CLP Meeting held on June 23, 2011, to summarize progress made on the project during the last quarter.

4.0 COMMUNITY RELATIONS

The telephone number for public contact is 812-277-8954 (Katie Kamm, CRA). Individual meetings can also be arranged to discuss sampling results with residents as requested.

A quarterly meeting to review project status was held for both the neighbors along the creek and around the plant, as well as with the general public. The quarterly meeting for the Second Quarter 2011 was held on June 23, 2011. The meeting provided a regular project update information session from 6:00 PM to 8:00 PM at the CRA Field Trailer. Presentations for the meetings are posted on the GM website at www.bedfordpowertraincorrectiveaction.com. A public meeting for the Third Quarter of 2011 will be scheduled for September 2011 on a date to be determined.

Fact Sheet 32 was issued on June 16, 2011.

The CLP meeting was held on June 23, 2011. The CLP was formed to provide additional communication avenues for the community and the meetings are currently being held at the CRA construction trailer approximately every three months or more frequently if information on the project changes significantly. Previous CLP meeting minutes can be reviewed on the GM website at www.bedfordpowertraincorrectiveaction.com. The next CLP meeting will be scheduled for September 2011 on a date to be determined.

The Information Center located at the Plant lobby is accessible by appointment through Ms. Katie Kamm, at the project phone number 812-277-8954. The documents repository is no longer located at the Bedford Public Library. All data that were formerly located at the Library repository can be found on the aforementioned web site or in the Information Center in the Plant lobby.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

Primary oversight personnel for CRA and Severson Environmental Services (SES) remain unchanged. CRA and SES mobilized a number of additional support personnel to the Site during the last quarter. Additional workers and oversight personnel were required as construction resumed this spring.

6.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

Work projected for the next reporting period includes:

- Conducting a general public and neighbor information session in September 2011 on a date to be determined.
- Conducting a CLP Meeting in September 2011 on a date to be determined.
- Completing the construction of the East Plant Area and West Plant Area cover systems.
- Submitting the East Plant Area Vault Closure/Post Closure Plan.
- Completing the removal of contaminated soil within the flood plain west of the Peerless Road Bridge at Staging Area G, and transportation of the soil to the West Plant or East Plant Areas for use as grading fill beneath the clean cover system.
- Submitting the design of the Spring 018C groundwater diversion trench to U.S. EPA.
- Conducting creek restoration repairs north of Broomsage Road.
- Conducting AOI 8 NAPL removal response test.
- Submitting a results summary of the March/ April 2011 EI CA750 sampling.
- Submitting the Parcels 400 and 430 IM Work Plan.
- Completing additional delineation on Parcels 400 and 430 to support a proposed remedy development.
- Preparing and distributing Fact Sheet 33 in the next quarter.
- Maintaining temporary liner covers until construction in areas is completed, and continuing runoff water collection and treatment where necessary.
- Initiating the design of Pilot Groundwater Collection Trench.

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

Sampling data collected during the quarter on Parcels 400, 430, and 431 have been, or will be submitted under separate cover once validation is completed.