

RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #40 FIRST QUARTER 2011

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

EPA ID# IND006036099

**Prepared For:
General Motors LLC**

APRIL 14, 2011

REF. NO. 013968 (339)

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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 first 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 Second Quarter of 2011, will be submitted on or before July 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 January 6 and 21; February 3 and 15; and March 1, 17, and 31, 2011, to discuss project progress.
- On January 1, 2011, a new spring (Spring 015-007) was observed in the same bedrock formation and approximately 25 feet downstream of Spring 018C. U.S. EPA and IDEM were notified of the new spring. A sample was collected and then the Spring 018 containment berm was extended around the spring based on the sample result. Water from both locations continues to be collected and treated prior to discharge.
 - Photographs of the new spring were emailed to U.S. EPA and IDEM on January 7, 2011.
- Copies of aerial photographs of the on-Site and off-Site areas taken in November 2010 were emailed to U.S. EPA and IDEM on January 25, 2011.
- A summary of the preliminary packer-pressure testing results and the draft boring logs was emailed to U.S. EPA and IDEM of four new wells installed in the West Plant Area in Area of Interest (AOI) 20-2 and at elevations down-dip of AOI 8, on January 26, 2011.
- An email outlining prior usage of solar power technology used during the project was sent to U.S. EPA on February 4, 2011.
- Validated results data for investigative samples collected on Parcels 400, 430, and 431, west of the Facility, were submitted to U.S. EPA and IDEM in a memorandum on February 8, 2011.
 - IDEM submitted comments to the memo on February 16, 2011, requesting additional clarification on the figure data.
 - Additional sampling was completed on March 15, 2011, to further delineate PCB concentrations near boring location B-741.
- An email was sent to U.S. EPA and IDEM on March 8, 2011, outlining the procedure to be followed during vertical NAPL delineation testing related to on-going investigations for Area of Interest (AOI) 8,.
 - Vertical NAPL delineation testing commenced at two wells southeast of the facility (CH-2A and MW-X209Y053) on March 18, 2011.

- The first Environmental Indicator CA750 sampling event for 2011 commenced March 14, 2011.
- The Revised Downstream Parcels Removal Action Work Plan: Addendum No. 3 was distributed to U.S. EPA and IDEM on March 25, 2011.
 - U.S. EPA concurrence with the plan was given on March 31, 2011.
- Fact Sheet 31 was published on March 7, 2011.
- An information session for the public was held on March 10, 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 March 10, 2011.
- A news article was published in the Bedford Times Mail after the March 10, 2011, public meeting detailing the clean-up progress. The article was picked up by the Associated Press and published in national publications.
- The CERCLA RA Progress Reports covering November/December 2010 and January/February 2011 were submitted during the First 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 31 on March 7, 2011.
- Public meeting held on March 10, 2011, to summarize progress made on the project during the first quarter of 2011.
- CLP Meeting held on March 10, 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 First Quarter 2011 was held on March 10, 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 Second Quarter of 2011 is tentatively scheduled for June 9, 2011.

Fact Sheet 31 was issued on March 7, 2011.

The CLP meeting covering the First Quarter was held on March 10, 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 CLP meeting covering the Second Quarter 2011 is tentatively scheduled for June 9, 2011.

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 over-site personnel for CRA and Severson Environmental Services (SES) remain unchanged. CRA and SES both decreased the number of personnel at the Site for the duration of the winter and spring rainy season while the site remains in maintenance mode (storm water treatment, tarp maintenance, sediment controls maintenance etc.). Additional personnel will be added as required as mobilization to the site commences in April to resume construction activities.

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 on Thursday, June 9, 2011.
- Conducting a CLP Meeting on Thursday, June 9, 2011.
- Conducting Annual Update Meeting with U.S. EPA and IDEM in Bedford on Thursday, May 26, 2011.
- Continuing of construction of the East Plant Area and West Plant Area cover systems.
- Completing of 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 Area for use as grading fill.
- Preparing the design of the Spring 018C groundwater diversion trench.
- Conducting creek restoration east of the Peerless Road Bridge.
- Conducting AOI 8 packer testing.
- Completing additional delineation on Parcel 430 to support a proposed remedy development.
- Preparing and distributing Fact Sheet 32 in the next quarter.
- Maintaining temporary liner covers and runoff water collection and treatment where necessary.
- Preparing 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, Staging Area G, and AOI8 have been, or will be submitted under separate cover once validation is completed.