

RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #44 FIRST QUARTER 2012

**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 first calendar quarter of 2012 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 2012, will be submitted on or before July 15, 2012.

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 5th and 20th; February 9th and 23rd; and March 8th and 22nd, 2011, to discuss project progress.
- An Addendum to the Vault Closure letter was submitted to U.S. EPA and IDEM on January 4, 2012.
- The RCRA Facility Investigation Quarterly Report #43, Fourth Quarter of 2011, was submitted to the U.S. EPA and IDEM on January 13, 2012.
- An amendment letter to the Notice of East Plant Area Vault Closure was submitted to U.S. EPA and IDEM on January 4, 2012, requesting an extension for submission of the Post-Closure Plan and Construction Certification Report due to construction related delays.
 - A Post-Closure Plan for the Bedford Plant Vault was submitted to the U.S. EPA and IDEM on February 3, 2012.
 - Vault construction, including all related cover soil work and connection of the sump automation systems to the Site Source Control Water Treatment Plant (SSC WTP), was completed on March 27.
- Construction of the East Plant Area Cover System soil work was completed during the first quarter.
- On February 6, 2012, U.S. EPA was informed that GM had been contacted by a resident who requested soil testing of property located outside of the clean-up area. The resident request was made based on advice of a real estate agent and that GM had told the resident that sampling was not needed. U.S. EPA also communicated with the resident by email, indicating that sampling was not necessary, as the property was well out of the impacted area. GM reported to U.S. EPA that an information update session would be held for local real estate agents in the near future to update agents on the progress of the project.
- A memorandum in response to the September 16, 2011, U.S. EPA's comments regarding the July 5, 2011, CRA submittal package for recently completed activities in the Area of Interest 8 was submitted to the U.S. EPA and IDEM on February 15, 2012.

- Development of the final design plans for the Spring 018 area has continued into this quarter.
 - Groundwater samples were collected from the coreholes upon completion of the bedrock drilling program in December. Preliminary sample results from the coreholes at Spring 018 had low-level total PCB detections. GM re-sampled the coreholes on January 25th and 26th, 2012, to confirm previous detections. Sample results figures and tables were submitted to the U.S. EPA and IDEM on February 22, 2012. GM has reviewed the sampling results and is currently further evaluating the Spring 018 area.
 - Water emanating from the spring continues to be collected and treated prior to discharge.
- A request to reduce monitoring frequency at the Removal Action Water Treatment Plant located on Parcel 216 on the east side of Bailey Scales Road was submitted to the U.S. EPA and IDEM on March 23, 2012.
 - U.S. EPA approved the monitoring frequency reduction on March 23, 2012.
- The CERCLA RA Progress Reports covering November/December 2011 and January/February 2012 were submitted to the U.S. EPA and IDEM on January 13, 2012, and March 14, 2012, respectively.

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:

- Vault Notice of Closure letter addendum was submitted to U.S. EPA and IDEM on January 4, 2012
- Vault Post-Closure Plan was submitted to U.S. EPA and IDEM on February 3, 2012
- Completion of the East Plant Area Vault on March 27, 2012

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.

Due to the winter shut down of construction activities, no project update information sessions were planned for the first quarter of 2012. The next neighborhood and public meeting and CLP will be held before the next phase of remedial effort begins. Presentations for past meetings are posted on the GM website at www.bedfordpowertraincorrectiveaction.com.

The Information Center located at the Plant lobby was dismantled during the first quarter 2012. The documents repository has been restored at the Bedford Public Library, with relevant project related documents available on compact disc (CD) in PDF format. Information will be updated periodically, as new documents become available. All data located in the Library repository can also be found on the aforementioned website.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

Primary oversight personnel for CRA and Severson Environmental Services (SES) remain unchanged. The majority of remaining workers were demobilized during the first quarter as remaining Cover System construction activities were tapered off. Some personnel remain on-site for routine site monitoring and maintenance.

6.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

Work anticipated for the next reporting period includes:

- Preparing and distributing Fact Sheet 34 in the next quarter
- Completing the construction of the East Plant Area Cover System, with the final seeding this spring as weather permits
- Submitting the East Plant Area Vault Construction Certification
- Submitting the West Plant Area Construction Certification
- Submitting results of the NAPL treatability tests and conducting AOI 8 NAPL removal response test
- Initiation of additional boreholes along a new East Plant Area Groundwater Collection Trench alignment
- Planned restoration repairs north of Broomsage Road are currently scheduled to be completed in April 2012

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

Packages of analytical data have been submitted once the data are validated, as they become available and will continue to be submitted during the next reporting period when or if sampling is conducted.