

RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #8 FIRST QUARTER 2003

**GM POWERTRAIN – BEDFORD PLANT
105 GM DRIVE
BEDFORD, INDIANA**

EPA ID# IND006036099

**Prepared for:
GENERAL MOTORS CORPORATION**

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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. This report covers the period of the first calendar quarter of 2003 for the GM-Powertrain – Bedford Plant (Facility), Bedford, Indiana.

The next quarterly progress report will be submitted on or before July 15, 2003.

2.0 LIST OF COMPLETED ACTIVITIES

The following documents were prepared and distributed during this quarter:

- Phase II Stream Investigation Technical Memorandum, submitted February 11, 2003
- Project Fact Sheet No. 5, February 27, 2003
- Bedford RFI Technical Memorandum 1 2001 Stream Investigation Data Summary Addendum: 2002 High Flow Surface Water Sampling, submitted March 27, 2003

On-site investigation activities from the RFI Work Plan continued during this reporting period. Multiple level groundwater monitoring well (Waterloo System) installation was completed. Well Development and groundwater sampling began during this reporting period for all monitoring wells and sample ports (for multiple-level wells). The Indiana Department of Environmental Management (IDEM) split groundwater samples at select wells in March 2003. Monitoring well development and groundwater sampling will continue through the beginning of the next quarter.

GM also continued to evaluate specific sampling requests made by residents in this quarter and collect samples, where appropriate, based on knowledge and location of the property relative to the plant and/or contamination. These analytical results (once validated) have been included in the stream project data packages distributed to the residents and agencies. GM will continue evaluating additional areas requested by residents, and sampling as appropriate on a case-by-case basis, during the next reporting period.

Approximately 500 Project Fact Sheets (No. 5) were distributed via mail to Bedford residents. Copies of Project Fact Sheet No. 5 are also available in the Bedford Public Library repository and on the project web site; www.bedfordpowertraincorrectiveaction.com.

A meeting with IDEM/EPA occurred on January 29, 2003, to discuss the creek cleanup and current understanding of the hydrogeology of the Site.

A meeting with the U.S. EPA and IDEM was held at the GM Bedford Plant on February 19, 2003, to review the status of the project.

A meeting with Indiana Department of Natural Resources (IDNR) Division of Water occurred on February 20, 2003, to discuss GM's floodplain permit application and the hydraulic modeling on the creek system. A letter report regarding hydraulic modeling of the unnamed tributary of Pleasant Run Creek (also known as Bailey's Branch Creek) was submitted as part of the application permit (application number FW22139) on March 12, 2003. GM has received comments from IDNR and is currently finalizing the permit application.

A meeting was held at U.S. EPA's Chicago Office on February 21, 2003, to discuss the creek cleanup.

GM met with State Representative Koch on March 7, 2003, and briefed him on the RCRA Corrective Action Project.

A Notice of Intent (NOI) to IDEM (associated with Erosion & Sediment Control Plan) for upstream parcels and Parcel 22 was submitted and published in the newspaper to notify the public of the project on February 14, 2003. GM received a notice of sufficiency from IDEM for the Erosion & Sediment Control Plan for the upstream parcels on March 17, 2003.

A conference call occurred on March 27, 2003, with the United States Fish and Wildlife Service, U.S. EPA, and IDEM to discuss issues related to creek cleanup.

3.0 SUMMARIES OF ALL CHANGES MADE IN THE RFI DURING THE REPORTING PERIOD

Two additional boreholes were advanced through AOI 4 during this reporting period. One boring was completed to the depth of the Edwardsville Formation (shale); the other was terminated within the Salem Formation due to the presence of fractures in the upper portion of the bedrock at this location. These borings were completed to evaluate the bedrock conditions below this AOI. Both borings were also completed on a 30-degree angle (to vertical) in order to increase the opportunity to intercept potential vertical fracture features. Straddle-packer testing was performed at overlapping intervals throughout the entire borehole. Upon completion of the straddle-packer testing, both boreholes were abandoned using a cement/bentonite grout to fill the borehole and the overburden casing was cut-off approximately two feet below the surface of the AOI.

Also, 11 borings (and 4 shallow refusals) were completed within the overburden material at AOI 4 in order to evaluate geotechnical properties of the soil/fill materials. These overburden borings were completed using a cone penetrometer testing (CPT) drill rig.

These additional activities will be described in a work plan addendum in the near future. The results from these activities will be documented further in a Technical Memorandum.

4.0 COMMUNITY RELATIONS

GM is conducting ongoing community relations by maintaining the toll free information telephone number. Individual meetings continue to be arranged to discuss sampling results with individual residents. Additional information meetings were held with the Community Liaison Panel on the following dates:

- January 10, 2003 – CLP Meeting
- March 7, 2003 – CLP Meeting

The Community Liaison Panel (CLP) was formed to provide additional communication avenues for the community and the meetings are currently held at the GM plant every two months. Once the removal action begins, CLP meetings will be held every month. The CLP meeting minutes are posted on the GM website at www.BefordPowertrainCorrectiveAction.com. The last CLP meeting occurred on March 7, 2003.

Regular hours at the Information Center in the lobby of the plant have been temporarily halted due to the heightened national security alert. The Information Center is still available by appointment, through Kathy Bommarito, GM Communications. The repository located at the Bedford Public Library remains open at normal business hours. All data in the repository are also located on the web site listed in the previous paragraph.

A fifth project fact sheet was prepared and distributed during this quarter.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

There were no changes to the technical team in this quarter. Any changes in personnel during the next reporting period will be presented in the next Quarterly Progress Report.

6.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

Site investigation activities from the RFI Work Plan (e.g., well development, groundwater sampling, etc.) and residential property sampling activities are expected to continue during the next reporting period. A test pit investigation program will be conducted to evaluate geophysical anomalies. Additional subsurface drilling (as proposed in the RFI Work Plan Addendum No. 1, November 18, 2002) for both on and off-site locations will be initiated during the next reporting period. Work Plans are being finalized and the commencement of the creek cleanup is anticipated once U.S. EPA concurrence is obtained.

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

Packages of analytical data from any sampling activity have been submitted as they become available, after validation, under separate cover, and will continue to be submitted during the next reporting period.