



RCRA FACILITY INVESTIGATION
QUARTERLY PROGRESS REPORT #5

GM POWERTRAIN – BEDFORD PLANT
105 GM DRIVE
BEDFORD, INDIANA

EPA ID# IND006036099

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1.0 INTRODUCTION

This Quarterly Progress Report is submitted in accordance with the Bedford Voluntary Corrective Action Agreement (Agreement) between the United States Environmental Protection Agency (U.S. EPA) and General Motors Corporation (GM), executed on March 20, 2001. This report covers the period of the second calendar quarter of 2002 for the GM-Powertrain – Bedford Plant (Facility), Bedford, Indiana.

The next quarterly progress report will be submitted on or before October 15, 2002.

2.0 LIST OF COMPLETED ACTIVITIES

The following documents were prepared and distributed during this quarter:

- Focused Feasibility Study for Interim Measures (IM), Parcel 22 – April 18, 2002;
- Bedford Stream Investigation High Flow Sampling Memorandum – May 12, 2002;
- RCRA Corrective Action Parcel 22 Interim Measure Work Plan - May 23, 2002; and
- Responses to U.S. EPA and the Indiana Department of Environmental Management (IDEM) Comments on the Draft RCRA Corrective Action Parcel 22 Interim Measure Work Plan - June 27, 2002.

On-site investigation activities from the RFI Work Plan, which commenced on December 17, 2001, continued during this reporting period. Six additional borings were completed in the Die Cast manufacturing area. Two additional soil borings were attempted in the North Die Cast area, however, these borings encountered concrete obstructions at numerous locations and could not be completed. One other boring will be attempted in the North Die Cast area during the plant shut down period (July 1 through July 14, 2002).

Two sediment samples from the current Stormwater Lagoon (AOI 10) were collected during this reporting period. Validation of soil, sediment, and surface water data is expected to be completed during the next reporting period.

Work continued on the deep boreholes which will be used for the completion of groundwater monitoring wells during the last reporting period. This work included the setting of casings, coring, reaming, downhole geophysical logging, and pumping recovery testing. This work is expected to continue during the next reporting period.

Additional off-site stream sampling activities, which commenced on January 7, 2002, were completed during this reporting period. This included the sampling of the upper, unnamed tributaries to Bailey's

Branch of Pleasant Run Creek, Pleasant Run Creek, Salt Creek and the unnamed northern and western tributaries which originate near the Facility. As the validated analytical results from the stream sampling event along with a corresponding table summary and drawing showing sample locations were received, they were distributed to the applicable residents, the U.S. EPA, IDEM, the United States Fish and Wildlife Service (USFWS) and the Indiana State Department of Health (ISDH). Delivery of these packages will continue during the next reporting period.

High-flow surface water sampling was also conducted during this quarter. This included the re-sampling of the October 2001 surface water sample locations and other surface water and spring locations that were identified since October. Analytical results will be distributed following validation. An update to the Stream Investigation Technical Memorandum and an Additional Stream Sampling Activities Technical Memorandum will also be prepared following data validation.

GM also continued to address specific sampling requests made by residents in this quarter, 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.

Blood testing continues to be available to residents in affected areas. Residents can get their blood sampled at the two local hospitals, which will then prepare and send the samples to the laboratory. GM does not receive any results from community resident blood testing. The hospitals will distribute the results to the residents directly.

Fourteen residential wells were identified and sampled during this reporting period. One of these wells was re-sampled due to the presence of PCBs at a detectable level in the initial sample. Two additional wells, sampled in previous reporting periods, were re-sampled at the request of the property owners after evaluation of the appropriateness of the request.

Conference calls between representatives from GM, U.S. EPA and IDEM occurred this quarter on the following dates:

- April 24, 2002;
- May 22, 2002;
- June 6, 2002;
- June 18, 2002; and
- June 20, 2002.

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

GM continues to evaluate data as they become available and additional samples are collected based on these results in some locations (e.g., unnamed northern tributary sampling). All of these sampling activities are discussed during conference calls held with GM and participating agencies. In addition, all sampling activities will be documented in the form of Technical Memoranda upon completion. Any changes made to the RFI after submission of this report will be documented during the next reporting period.

4.0 COMMUNITY RELATIONS

GM participated in the U.S. EPA, ISDH and IDEM sponsored Public Participation Meeting. This meeting was held April 4, 2002, at the Bedford Public Library.

Representatives from GM have met individually with property owners to discuss the results of sampling activities on their property. GM also held meetings on May 2, June 19 and June 20, 2002 with invited property owners regarding project progress, health effects of PCBs, and GM's property protection plan.

Ongoing community relations are conducted by GM by maintaining the toll free information telephone number. Additional information meetings will be held with residents in the future and individual meetings continue to be arranged to discuss sampling results with individual residents. In addition, the local newspapers have published several articles on the environmental activities at the site.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

A summary of key project personnel was included in Quarterly Progress Report #4. 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 and residential property sampling activities are expected to continue during the next reporting period. Also, Interim Measures Work Plans will continue to be developed during the next reporting period.

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

Packages of analytical data from the stream and well sampling activities have been sent as they become available under separate cover, and will continue to be sent during the next reporting period.