

**RCRA FACILITY INVESTIGATION**  
**QUARTERLY PROGRESS REPORT #6**

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

**EPA ID# IND006036099**

**Prepared for:**  
**GENERAL MOTORS CORPORATION**

**OCTOBER 15, 2002**  
**REVISED OCTOBER 16, 2002**  
**REF. NO. 013968**

This report is printed on recycled paper.

**Conestoga-Rovers  
& Associates**

8615 West Bryn Mawr  
Chicago, Illinois 60631

Office: (773) 380-9933  
Fax: (773) 380-6421

**QUARTERLY PROGRESS REPORT**

**DISTRIBUTION LIST**

<b>U.S. EPA, Region 5</b>	Peter Ramanauskas (2 copies)
<b>Indiana Department of Environmental Quality</b>	John Gunter (5 copies)
<b>Indiana State Health Department</b>	LaNetta Alexander
<b>U.S. Fish and Wildlife Service</b>	Dan Sparks
<b>GMWFG Remediation</b>	Ed Peterson
<b>GM WFG Remediation</b>	Cheryl Hiatt
<b>GM Legal</b>	Laura Fitzpatrick
<b>GM Powertrain - Bedford Facility</b>	Kim Dobosenski/ Bill Schoonmaker
<b>GM Communications</b>	Kathy Bommarito
<b>CRA Project Director</b>	Glenn Turchan
<b>CRA Senior Engineer/Advisor</b>	James McGuigan
<b>CRA Project Manager</b>	Bill Steinmann
<b>Exponent</b>	Pieter Booth/ Rick Bodishbaugh
<b>ENVIRON International Corporation, Inc.</b>	Stephen Song/ C.Y. Jeng

### 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. This report covers the period of the third calendar quarter of 2002 for the GM-Powertrain - Bedford Plant (Facility), Bedford, Indiana.

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

### 2.0 LIST OF COMPLETED ACTIVITIES

The following documents were prepared and distributed during this quarter:

- Project Schedule and Preliminary Cleanup Sequencing Matrix - September 5, 2002;
- RCRA Corrective Action Parcel 22 Draft Interim Measure Work Plan (draft Revision, Appendix A) - September 6, 2002;
- Description of the Property Protection Program GM implemented - August 29, 2002;
- Chronology of the community relations activities which have taken place as well as a schedule for upcoming activities - August 29, 2002;
- Proposed Amendment to the Corrective Action Agreement between U.S. EPA and GM which will recognize and formalize the ongoing and planned community relations activities - August 29, 2002.

On-site investigation activities from the RFI Work Plan, which commenced on December 17, 2001, continued during this reporting period. Straddle-Packer testing was completed during this reporting period. Straddle-Packer tests are performed to assess the hydraulic properties of the fractures and rock matrix.

Additional off-site stream sampling activities, which commenced on July 22, 2002, were completed during this reporting period. Additional soil samples were collected at depth for vertical profiling using soil probes and an ATV geoprobe. Soil samples were collected to a depth of approximately 4 to 6 feet. Vertical profiling soil sampling was completed on August 2, 2002. 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.

An update to the Phase I Stream Investigation Technical Memorandum and a Phase II Stream Sampling Activities Technical Memorandum are being prepared for the high-flow surface water sampling conducted during the last quarter. The Phase I Technical Memorandum update will include the re-sampling of the October 2001 surface water sample locations. The Phase II Technical Memorandum will include the large volume of floodplain sampling and other surface water and spring locations that were identified since October.

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.

JF New, accompanied by CRA, performed bat habitat evaluation and wetland delineation on various properties. The United States Army Corps of Engineers (USACE) was consulted by phone regarding the progress of the wetland delineation and permitting.

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. The blood testing program has been extended until January 1, 2003.

A meeting was held between the U.S. EPA, IDEM, and GM on August 27, 2002, at U.S. EPA Region 5 - Chicago. Conference calls between representatives from GM, U.S. EPA and IDEM occurred this quarter on the following dates:

- August 8, 2002;
- August 18, 2002;
- August 22, 2002; and
- September 4, 2002.

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

GM continued to evaluate data as they become available and additional samples were collected based on these results in some locations (e.g., additional stream vertical delineation sampling). All of these sampling activities are discussed during meetings and 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**

U.S. EPA, ISDH and IDEM performed a public survey questionnaire. The surveys were held on June 27 and July 11, 2002, at the Wal-Mart parking lot and Bedford Public Library. Representatives from GM have also met individually with property owners to discuss the results of sampling activities on their property.

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. Additional articles have been published on the environmental activities at the site. On July 22, 2002, a photographer from the Indianapolis Star came onsite to take photographs of the drilling activities.

The Community Liaison Panel was formed to provide additional communication avenues for the community and the initial meeting was held on September 10, 2002 at the GM plant. A list of panel members and their telephone numbers is attached to this report. These meetings are currently scheduled on a monthly basis.

GM held the 60<sup>th</sup> Anniversary open house for two days, September 12 and 13, 2002, which included the launch of the new project website, [www.BedfordPowertrainCorrectiveAction.com](http://www.BedfordPowertrainCorrectiveAction.com). GM set up an information booth at the 60<sup>th</sup> Anniversary open house and distributed fact sheets 1, 2, 3, and 4. GM/CRA personnel answered questions regarding the PCB sampling and cleanup. GM opened the Information Center in the lobby of the plant on a regular schedule and it is currently open and staffed on Tuesdays from 10:00 a.m. to 2:00 p.m. and Thursdays from 4:00 p.m. to 8:00 p.m.

### **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. A community meeting is anticipated to be held in November.

## **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.

CONTACT LIST  
COMMUNITY LIAISON PANEL (CLP)  
GM POWERTRAIN BEDFORD CORRECTIVE ACTION

NAME	ADDRESS	CITY	ZIP	PHONE	FAX	EMAIL
<b>COMMUNITY MEMBERS</b>						
<b>Adele Bowden-Purlee</b>	1120 Crawford Drive	Bedford, IN	47421	812-275-4493 (work)	812-279-5998 (work)	bedford@tima.com
<b>Tom Brent</b>	6 South Leatherwood Road	Bedford, IN	47421	812-277-0254 / 812-854-6160	812-854-3981	brent_t@crane.navy.mil
<b>Janie Craig Chenault</b>	150 Meridian Street	Bedford, IN	47421	812-279-3123	NA	jchenault@myexcel.com
<b>Karla Fortner</b>	544 Broomsage Road	Bedford, IN	47421	812-279-3860	NA	NA
<b>Bob Hamilton</b>	1311 14th Street	Bedford, IN	47421	812-275-5400 (work)	812-275-6456	bobh@hamilton-re.com
<b>Stanley Glenn</b>	112 Inman Court	Bedford, IN	47421	812-279-3283	NA	NA
<b>Paul McBride</b>	Lawrence County Health Department 2419 Mitchell Road	Bedford, IN	47421	812-275-3234	NA	NA
<b>Robbin Ricketts</b>	Bedford Regional Medical Center 2900 West 16th Street	Bedford, IN	47421	812-275-1200 (work)	NA	NA
<b>Rev. Rodney Reynolds</b>	134 M Street	Bedford, IN	47421	812-279-3710	NA	NA
<b>Larry Smith</b>	323 Mayberry Court	Bedford, IN	47421	812-275-2848	NA	NA
<b>Mayor John Williams</b>	1117 14th Street	Bedford, IN	47421	812-279-2572	NA	NA
<b>GM MEMBERS</b>						
<b>Cheryl Hiatt</b>	GM WFG Remediation Team Troy Technology Park South - Bldg. "A" Mail Code: 483-619-356 1996 Technology Dr.	Troy, MI	48083	248-680-5219	248-680-5129	cheryl.r.hiatt@gm.com
<b>Ed Peterson</b>	GM WFG Remediation Team Troy Technology Park South - Bldg. "A" Mail Code: 483-619-356 1996 Technology Dr.	Troy, MI	48083	248-680-5726	248-680-5129	ed.e.peterson@gm.com
<b>Kathy Bommarito</b>	General Motors Powertrain 777 Joslyn Avenue Mail Code: 483-720-560	Pontiac, MI	48340-2925	248-857-6386	248-857-0045	kathy.bommarito@gm.com
<b>John Thomas</b>	General Motors Corporation 105 GM Drive	Bedford, IN	47421	812-279-7222	812-279-7007	john.a.thomas@gm.com
<b>Paul Ford</b>	General Motors Corporation 105 GM Drive	Bedford, IN	47421	812-279-7246	812-277-6226	paul.ford@gm.com
<b>Kim Dobosenski</b>	General Motors Corporation 105 GM Drive	Bedford, IN	47421	812-279-7404	812-279-7258	kimberly.dobosenski@gm.com
<b>AGENCY CONTACTS</b>						
<b>Peter Ramanauskas</b>	U.S. EPA, Region 5 77 West Jackson Blvd. DW-8J	Chicago, IL	60604-3590	312-886-7890	312-886-7890	ramanauskas.peter@epa.gov
<b>John Gunter</b>	Indiana Dept. of Environmental Management Office of Land Quality - RCRA Corrective Action 100 N. Senate Avenue P.O. Box 6015	Indianapolis, IN	46206-6015	317-232-3413	NA	jgunter@dem.state.in.us