

RCRA CORRECTIVE ACTION GM POWERTRAIN-BEDFORD PLANT BEDFORD, INDIANA FEBRUARY 13, 2003

INTRODUCTION

General Motors Corporation (GM) is undertaking Resource Conservation and Recovery Act (RCRA) Corrective Action at the GM Powertrain - Bedford Plant (Site) in Bedford, Lawrence County, Indiana under a Performance Based Agreement with U.S. EPA Region V, signed on March 20, 2001.

This is the fifth Project Fact Sheet that has been prepared to provide the community with information regarding activities being performed at the Site.

SITE BACKGROUND

The Site is located at 105 GM Drive in Bedford, Indiana, on approximately 152.5 acres. The Site currently produces aluminum casting products, such as transmission casings, pistons, and engine blocks, within approximately one million square feet of operating floor space.

The Bedford Site was originally constructed in the early 1900's as a limestone milling operation. The U.S. Government purchased the mill in 1942, converting the Site to an aluminum aircraft engine foundry, which was operated by GM. GM purchased the property after World War II and has continued to operate the Site as an aluminum foundry as part of various GM operating divisions.

Project Fact Sheets will be issued periodically by GM during the implementation of the Corrective Action program to keep the community informed of ongoing activities at the Site.



THE FOLLOWING DOCUMENTS HAVE BEEN SUBMITTED TO THE U.S. EPA AND IDEM AND ARE AVAILABLE FOR REVIEW IN THE PUBLIC REPOSITORIES AND ON-LINE

RCRA FACILITY INVESTIGATION (RFI) REPORTS

- Current Conditions Report (CCR) - May 25, 2001
- Community Relations Plan - June 6, 2001
- Health and Safety Plan (HASP) - July 12, 2001
- Quality Assurance Project Plan (QAPP), Preliminary RFI Activities - July 18, 2001
- RCRA Facility Investigation (RFI) Work Plan - October 29, 2001
- RFI Work Plan Addendum No. 1 - November 18, 2002

STREAM INVESTIGATION REPORTS

- Stream Investigation Work Plan - June 6, 2001
- Stream Investigation Field Sampling Plan - September 21, 2001
- Bedford RFI Technical Memorandum No. 1 - March 19, 2002
- Stream Investigation Work Plan Addendum High Flow Sampling Memorandum - May 12, 2002
- Bedford RFI Technical Memorandum Phase II Stream Investigation - February 11, 2003

OFF-SITE WELL INVESTIGATION REPORTS

- Off-Site Well Survey and Sampling Work Plan - June 6, 2001

PROJECT FACT SHEETS

- Project Fact Sheet 1 - May 24, 2001
- Project Fact Sheet 2 - July 16, 2001
- Project Fact Sheet 3 - February 10, 2002
- Project Fact Sheet 4 - September 9, 2002
- Project Fact Sheet 5 - February 13, 2003

QUARTERLY PROGRESS REPORTS

- Quarterly Progress Report 1 - July 12, 2001
- Quarterly Progress Report 2 - October 15, 2001
- Quarterly Progress Report 3 - January 15, 2002
- Quarterly Progress Report 4 - April 15, 2002
- Quarterly Progress Report 5 - July 15, 2002
- Quarterly Progress Report 6 - October 15, 2002
- Quarterly Progress Report 7 - January 15, 2003

MAPS

- Stream Investigation Summary Maps (Study Areas 1 through 10) - August 9, 2002

project fact sheet



Please direct any questions about this project to Ms. Kathy Bommarito of GM by phone (toll free) at 1-866-223-0856 or by e-mail at kathy.bommarito@gm.com. U.S. EPA and IDEM contact information is provided on the next page.

RCRA CORRECTIVE ACTION UPDATE

ON-SITE RFI ACTIVITIES

A RCRA Facility Investigation (RFI) involves gathering information regarding possible releases of hazardous waste or hazardous constituents from waste management units and other areas of interest at the Site. The on-Site investigations are on-going and have consisted of collecting surface and subsurface soil and rock, groundwater, sediment, and surface water samples from various areas on the Site property.

Hydraulic packer testing using the on-Site monitoring wells was completed in September 2002 to determine the flow of groundwater through the bedrock formation. Results from this testing, as well as information obtained from the soil borings were used to design monitoring systems for each well. Multi-level groundwater monitoring wells were then installed at three locations. The installation of additional multi-level monitoring wells is planned for early 2003.

A RFI Work Plan Addendum No. 1 was submitted to the agencies on November 18, 2002. This Addendum proposed additional on- and off-Site investigative activities based on preliminary RFI results. These activities will further define the extent of hazardous constituents in the soil, and obtain additional information on the groundwater-surface water system at and near the Facility.

OFF-SITE RFI ACTIVITIES

The initial study of the Stream Investigation Program indicated levels of PCBs in some of the samples to be at concentrations of concern requiring further testing and evaluation and in some cases taking precautionary measures. Additional floodplain soil sampling took place throughout 2002 with more than 2,800 soil samples having been collected to date. PCB levels generally decrease with distance from the Plant and stream. Other testing has included soil from agricultural fields and vegetable gardens, corn, hay, cattle, and water from springs and groundwater seeps. High flow sampling of surface water, springs, and groundwater seeps was conducted in May 2002.

An Interim Measure for the cleanup of Pleasant Run Watershed has been proposed in order to mitigate any potential releases of contaminants and/or significant exposures on- and off-Site (if encountered) prior to implementation of a final Corrective Measure. The Pleasant Run Watershed includes approximately five miles of creek from the GM Bedford Plant Outfall to Salt Creek. Both the

creek bed and the adjacent floodplain areas are a part of the cleanup activities. The objectives of the cleanup are to control any potential releases to the creek, if required, to remove sediment and soil present at levels above the cleanup criterion, and to restore affected areas.

Draft Work Plans for the Parcel 22 and Upstream Parcels Interim Measures were submitted to the Agencies in May 2002 and October 2002 respectively. It is anticipated that the Upstream and Parcel 22 cleanup activities will begin in winter 2003. The midstream activities are anticipated to begin late summer 2003, and downstream activities in the fall/winter 2003. As part of the Interim Measures work, a Sediment and Erosion Control plan was submitted in December 2002, and a Wetland Determination Report was submitted in November 2002. Preparation and submittal of permit applications for Upstream Parcels and Parcel 22 is ongoing.

GM has continued to address specific requests from residents for additional sampling based on knowledge and location of the property relative to the plant and/or contamination. Analytical results from these requests are included in stream project data packages and distributed to the property owners and Agencies as the results are obtained.

As a result of PCB detections, GM has cautioned residents to avoid contact with Bailey's Branch and Pleasant Run Creeks and their floodplains on the east side of the GM Plant and to the north and west before they enter the Salt Creek until the investigation and cleanup are completed. In addition, PCB warning signs have been posted at various locations along the creek.

UPCOMING RFI FIELD ACTIVITIES

Final installations of the multi-level monitoring wells and an on-Site groundwater investigation are to take place in early 2003. Additional sampling will also be occurring on- and off-Site to further define areas that have been impacted.

PUBLIC PARTICIPATION

An information repository has been established where project-related documents, which include the Community Relations Plan, are available for public review (a complete list of available project documents is provided on Page 1 of this Fact Sheet).

The information repository is located at:

Bedford Public Library
1323 K Street
Bedford, Indiana
Tel: (812) 275-4471

An Information Center has also been established in the GM Powertrain lobby at the Bedford Plant on GM Drive. The lobby is open to the public on Tuesdays (10am to 2pm) and on Thursdays (4pm to 8pm). NO APPOINTMENT NECESSARY.

A general Public Information Session was held on December 12, 2002 at the Bedford North Lawrence High School. Residents, media, U.S. EPA, and IDEM were in attendance. Four neighborhood meetings were held with residents from around the Bedford Plant in November 2002. In addition, one-on-one meetings continued with residents as requested.

PUBLIC ACCESS WEB SITE NOW ONLINE AT
www.BedfordPowertrainCorrectiveAction.com
Get up-to-date project information and view project-related documents.

The Community Liaison Panel (CLP) has met monthly since September 2002 to discuss community concerns and involvement with the GM Bedford Corrective Action project. These meetings are to continue during 2003. Meeting Minutes have been posted on the public website, and are available at the information repository.

CONTACT INFORMATION

If you would like more information about this project, please contact any of the following:

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