

# RCRA Corrective Action February 20, 2007

## GM Powertrain Bedford Facility, Bedford, Indiana



*Bedrock Cleaning at Culvert*



*Sampling West of Peerless Road*



*Sediment Pond Construction Near Bailey Scales Road*



*Backfilling Creek*

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

### RCRA Corrective Action Update

General Motors Corporation (GM) is undertaking a Resource Conservation and Recovery Act (RCRA) Corrective Action at the GM Powertrain — Bedford Facility (Site) in Bedford, Lawrence County, Indiana under a Performance Based Agreement (Agreement) with U.S. EPA Region V, signed on March 20, 2001 and amended October 1, 2002. The Agreement provides for GM to conduct a RCRA Facility Investigation (RFI) that defines the level of any contaminants in soil, groundwater, sediment and surface water. Continuing RFI activities include groundwater monitoring well installations, dye trace studies, groundwater sampling, and bedrock coring.

Once an area has been investigated, an Interim Measure (IM), or expedited cleanup, may be proposed. GM has a number of IMs for the Bedford Project. An IM to cleanup some small isolated areas on a small creek west of the plant has been completed. An IM to clean an isolated area on a creek north of the plant is expected to begin in March.

In July of 2005, the U.S. EPA approved GM's IM for the East Plant Area. IM components for this area include (1) removal of soil with 50 ppm or greater PCBs from the East Plant Area and placement into an on-Site vault, (2) a cover system over the entire East Plant Area to limit rainwater infiltration and erosion of remaining soil materials, (3) the use of low-level PCB soil from the creek removal as grading soil to go under the low-permeability cover system, (4) a perimeter groundwater collection trench installed within the bedrock along the northern, eastern and southern boundaries, (5) a groundwater source removal system, and (6) continued monitoring and maintenance of the IM components.

The first component of this East Plant Area IM, removal of the PCB contaminated soil and placement into the vault, was initiated in May 2006 and completed on January 9, 2007.

In addition, GM has been conducting on-Site investigations to support the design for the East Plant Area IM including: well installation, water sampling, dye trace studies, and bedrock coring.

An IM for the West Plant Area will soon be proposed.

The following documents have been submitted to the U.S. EPA and IDEM since Fact Sheet 14 and are available for review in the public repositories and online.

Quarterly Progress Report 22 and 23

CERCLA Monthly Progress Reports

- September, October, November, December 2006, January 2007

Public Presentations

- September 28, 2006
- December 7, 2006

### Off-Site Activities

Removal Actions along Bailey's Branch and Pleasant Run Creek are being executed under an Administrative Order on Consent (AOC) with the U.S. EPA Region V, signed July 31, 2003. The AOC is being utilized to expedite the implementation of the cleanup of creek areas off of the Facility property.

Removal Activities will continue through 2007. The upstream removal contractor, Severson (SES), has completed removal of soil and sediment, along the creek channel and floodplain, to Broomsage Road, approximately 6,300 feet downstream of Outfall 002. The culvert bridge over the creek at Broomsage Road has been removed, the creek excavated and the bridge replaced. The road re-opened to traffic on January 22, 2007. The road will be paved in the spring once asphalt plants reopen.

ENTACT, the contractor in the section downstream (north) of Broomsage Road, has advanced removal of soil and sediment, along the creek channel and floodplain, approximately 5,300 feet north of Broomsage Road, and will continue in a north-westerly direction to Peerless Road. Excavation has just begun west of Peerless Road to facilitate the construction of Diversion Channel 3. Diversion Channel 3 was completed on January 8, 2007. The creek will be routed from the Peerless Road Bridge through the diversion channel when weather and work schedules permit.

To date, more than 909,497 tons of soil, rock and sediment exceeding the cleanup criteria have been removed, tested, and disposed off-Site to permitted landfills, or transferred into the East Plant Area as part of the IM. Restoration activities are following behind these removal activities as work progresses downstream. Restoration is nearly complete to 3,800 feet of creek downstream of Outfall 002 and just south of Broomsage Road. U.S. EPA has approved the use of a local borrow source for the creek restoration as backfill material.

Maintenance of local truck traffic routes continues to be an important aspect of the ongoing project and GM will continue to monitor, repair and/or replace roadway surfaces as needed and as weather permits (some repairs may occur in the spring).

Site Source Control (SSC) sampling events of the seeps and springs were conducted beginning September 14, 2006, and October 19, 2006, respectively.

### Upcoming Field Activities

Work on the East Plant Area IM is continuing. Low level PCB soil will be used as grading material in the East Plant Area to support the on-going IM. Work on the Northern Tributary IM will be started.

The Removal Action will continue downstream throughout 2007. The approved SSC Work Plan is being implemented and will be amended if new seeps and springs impacted with PCBs are encountered. Sampling continues.

An investigative study of one of the larger springs on the creek will be completed in the coming months. The study will include the installation of coreholes into the bedrock and dye-trace studies.

Restoration north and south of Broomsage Road will continue during the winter months.

### General Update

Meetings were held with owners of property on and adjacent to the creek on September 27 and December 6, 2006. General public meetings were held September 28 and December 7, 2006 at the GM Powertrain Facility. These meetings provided information on the status of the creek cleanup and on the East Plant Area IM. The next public meeting is scheduled for March 1, 2007.

The presentations for these meetings, as well as past meetings are posted to the project website at: [www.BedfordPowertrainCorrectiveAction.com](http://www.BedfordPowertrainCorrectiveAction.com).

An information repository has been established where project-related documents, which include the Community Relations Plan, are available for public review. A list of new project documents since Fact Sheet 14 is provided on page one of this Fact Sheet.

### Contact Information

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

#### U.S. EPA

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and on-site work  
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#### Brad Stimple

for creek cleanup work  
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#### GM

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#### IDEM

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#### ATSDR (Public Health Agency)

#### Clayton G. Koher

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#### TRUCK TRAFFIC COORDINATOR

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### Public Access Website at...

#### [www.BedfordPowertrain](http://www.BedfordPowertrainCorrectiveAction.com)

#### [CorrectiveAction.com](http://www.BedfordPowertrainCorrectiveAction.com)

*Get up-to-date project information and view project related documents.*

The information repository is located at:  
*Bedford Public Library*  
1323 K Street  
Bedford, Indiana  
Tel: (812) 275-4471

The Information Center at the GM Plant can be viewed by appointment (Please contact Becki Akers).