

# RCRA Corrective Action November 26, 2007

## GM Powertrain Bedford Facility, Bedford, Indiana



*Excavation  
Progress West of  
Peerless Road*



*Road Vacuum  
Sweeper*



*Dye Injection  
for Groundwater  
Study*



*Planting Aquatic  
Vegetation*

This is the eighteenth 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 sampling as part of a RCRA Facility Investigation (RFI). Environmental sampling in the RFI defines the levels of 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 through the RFI, an Interim Measure (IM), or expedited cleanup, may be proposed. GM has planned and conducted a number of IMs for the Bedford Project. The IM selected to excavate and remove a fill area and several localized areas above the clean-up objective on a creek north of the plant should be completed before

the end of the year. The IM Work Plan for the West Plant Area has been submitted and it is anticipated that work will commence the end of this year or the beginning of the next, pending Work Plan and excavation design approvals.

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, is complete. The next two components; placement of the low-level PCB soil from the creek removal into the East Plant Area to fill holes and grade for drainage, and installing the Cover System over the low-level PCB soil are underway. The perimeter groundwater trench and groundwater source removal system are currently in the design phase.

The following documents have been submitted to the U.S. EPA and IDEM since Fact Sheet 16 and are available for review in the public repositories and online.

#### Quarterly Progress Report 26

#### CERCLA Monthly Progress Reports

- September, October 2007

#### Public Presentation

- October 11, 2007

#### Upstream Parcels Removal Action Construction Certification Report

- October 2007



### 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.

Soil and sediment removal in the upstream section of the creek, from the Facility to Broomsage Road, has been completed and restoration is nearing completion. Restoration of parcels immediately north of Broomsage Road has been substantially completed. A local source of clean soil is continuing to be utilized to supply fill using temporary roads constructed by GM (i.e., not along public roads) while a local commercial supplier is providing rock.

ENTACT, the contractor in the section downstream (north) of Broomsage Road, has advanced removal of soil and sediment along the creek channel and floodplain. Excavation of these materials is anticipated to be complete by the end of 2007.

To date, approximately 1.3 million tons of soil, rock and sediment exceeding the cleanup criteria have been removed, tested, and disposed off-Site at permitted landfills, or transferred into the East Plant Area as part of the IM. The physical removal work in the downstream section should be completed before the end of the year, however, transportation of the low-level PCB soil from the staging area to the Facility and restoration of downstream section will continue in 2008.

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.

The third dye trace study under the Site Source Control (SSC) Work Plan Addendum No. 5 is ongoing and will be completed before the end of the year.

Replacement of a section of North Lawrence Water Authority (NLWA) 8" water line, near the intersection of Peerless Road and Bud Ikerd Road, along a new alignment has been completed.

### Upcoming Field Activities

The physical removal of soil and sediment from the creek area will continue downstream, with completion of movement of the soil to the staging area anticipated at the end of 2007. Restoration and the transport of soil and sediment from the staging area will continue through the rest of this year and into next year.

Quarterly sampling of seeps and springs will continue and new seeps and springs will be added if encountered. An investigative study of one of the larger springs on the creek is ongoing and a report reviewing remedial alternatives will be submitted to the U.S. EPA for review.

Work on the East Plant Area IM is continuing. Low-level PCB soil continues to be used as subgrade material (soil beneath the cover system used to grade the area) in the East Plant Area to support the on-going IM landfill cover construction. Work on the Northern Tributary IM is continuing and completion is anticipated at the end of 2007.

It is anticipated that IM work will commence on the West Plant Area before the end of this year or in the beginning of 2008, upon Work Plan and excavation design approvals.

### General Update

A neighborhood information session and a general public meeting were held on October 10 and 11, 2007 respectively at the GM Powertrain Facility and provided information on the status of the creek cleanup and on the East Plant Area IM. A Community Liaison Panel (CLP) meeting was held September 14, 2007 to provide information on the project status. The next general public and CLP meetings are scheduled for December 6 and 7, 2007, respectively.

A meeting was held with residents along the project truck routes to discuss road issues on September 13, 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).

Two information repositories have been established where project-related documents, which include the Community Relations Plan, are available for public review; one at the public library (open during normal business hours) and one in the Bedford Plant lobby, available by appointment. A list of new project documents submitted since Fact Sheet 17 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

**Peter Ramanauskas**  
for general information  
and on-site work  
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**Brad Stimple**  
for creek clean up work  
Tel: (440) 250-1717

#### GM

**Becki Akers**  
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#### IDEM

**Gerald O'Callaghan**  
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#### ATSDR (Public Health Agency)

**Clayton G. Koher**  
Tel: (312) 886-0840

#### TRUCK TRAFFIC COORDINATOR

**Katie Kamm**  
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### Public Access Website at...

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

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

An 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).