

RCRA Corrective Action December 2, 2009

GM Powertrain Bedford Facility, Bedford, Indiana



Peerless Road
Shoulder Repairs



Creek Restoration
North of
Broomsage Road



Creek Restoration East
of Peerless Road



Parcel 201 Cover
System Grading

This is the twenty-sixth 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 LLC (GM) is undertaking a Resource Conservation and Recovery Act (RCRA) Corrective Action at the GM Powertrain - Bedford Facility (Site) in Bedford, Lawrence County, Indiana pursuant to the terms of a Performance Based Agreement (Agreement) executed by U.S. EPA Region V on March 20, 2001 and amended October 1, 2002, March 29, 2008, and May 9, 2008.

The Agreement provides for sampling as part of a RCRA Facility Investigation (RFI). Environmental sampling in the RFI has defined the levels of contaminants in soil, groundwater, sediment, and surface water. Continuing sampling activities include groundwater sampling and soil sampling.

Once an area has been investigated through the RFI, an Interim Measure (IM), or expedited cleanup, may be proposed. A number of IMs have been conducted as part of the Bedford Project. In July of 2005, 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, West Plant Area, and Northern Tributary and placement into an on-Site vault, (2) the use of low-level PCB soil from the creek removal as grading soil to go under the low-permeability cover system, (3) a clay and plastic cover system over the East Plant Area to limit rainwater infiltration and erosion of the low level PCB soils, (4) a perimeter groundwater collection trench installed within the bedrock along the northern, eastern and southern boundaries to collect groundwater in the direction it flows from Plant property and treat it prior to discharge, (5) a source removal system to remove oil from bedrock in a few locations beneath the Plant property, and (6) continued monitoring and maintenance of the IM components.

Removal of approximately 190,000 tons of the higher level PCB contaminated soil from the East Plant Area, West Plant Area, and Northern Tributary and placement into the vault was completed in September 2008. The majority of the vault cap (including plastic liner) has been installed and closure of the vault is expected in 2010. Placement of low-level PCB soil from the creek removal work in the East Plant Area is also nearing completion. Installation of the cover system over portions of the East Plant Area is complete and clay and/or temporary liners cover the remaining areas. The temporary liner was placed at the beginning of 2009 to reduce the potential for stormwater runoff to contact the low level PCB soil and to reduce erosion during construction. Construction work was delayed this year due to contractor procurement to complete the work and to secure an agreement to perform work on several off-Site properties owned by Motors Liquidation Company (MLC; former General Motors Corporation). The selected contractor mobilized to the Site in August to resume the construction of the East Plant Area cover system. Completion of the cover system is expected in 2011. The perimeter groundwater trench for groundwater collection in the East Plant Area and a source removal system for oil in the bedrock are currently in the design phase and are being reviewed by U.S. EPA. Finalization and approval of these designs is anticipated in 2010.

The U.S. EPA approved the IM for the West Plant Area (which included excavation of soil in grassy areas in front of the Plant along GM Drive). The excavations were completed by the end of October 2008. The temporary liners protecting the excavated area near the Plant lobby, which has been filled to the lobby elevation, will be removed as the remainder of the cover system (vegetative and asphalt paving) for this area is constructed.

The following documents have been submitted to the U.S. EPA and IDEM since Fact Sheet 25 and are available for review in the public repository and online.

Quarterly Progress Report 34

CERCLA Monthly Progress Reports

- September/October 2009

Public Presentation

- October 7, 2009



Off-Site Activities

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

The spring and seep sampling activities have been significantly reduced due to the collection and analysis of hundreds of samples over a period of several years. This sampling has identified just a few locations at and near the Facility property where continued monitoring is appropriate. Those springs which have consistently had PCB detections are currently being controlled by collection systems that convey the affected water to treatment systems.

Restoration of the cleaned section of the creek from the Facility to Pleasant Run Creek has been completed except for a small section near the confluence of Tributary 3 and the Bailey's Branch Creek main tributary where investigation/remedy design of a spring is ongoing. Some minor maintenance and repairs to the section of Bailey's Branch Creek between the Broomsage Road Bridge and Pleasant Run Creek damaged by flooding in 2008 will be completed in the future.

The restoration between the Bailey's Branch confluence with Pleasant Run and the Peerless Road Bridge is nearly complete, except for some final grading and planting activities, which will likely be completed in 2010. Restoration of remaining areas will be completed following completion of Removal Action excavation activities.

Within the floodplain near Peerless Road, there are three small areas that require soil removal, in addition to transportation of the material from the contaminated soil stockpile to the East Plant Area. Completion of excavation for these areas and removal of the stockpile was delayed due to the seasonal shutdown last winter, and the selection of a contractor to complete the work. The stockpile has been covered and secured outside the floodplain until it is moved next year. Completion of the excavation in the downstream section and transportation of fill to the East Plant Area is expected in 2010 after the spring rainy season, while restoration of the remaining downstream sections (west of Peerless Road) will continue through 2011. To date, approximately 1.75 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.

Truck traffic north of the Plant on Peerless and Breckenridge Roads will resume after the spring rainy season when work in the downstream areas resumes. 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 once the trucking resumes and as weather permits. When the majority of the truck traffic is over, GM will be resurfacing the last stretches of road used by the project, where paving is in poor condition.

Communications

A neighborhood information session and a general public meeting were held on October 7 and 8, 2009, respectively, at the GM Powertrain Facility and attendees were provided information on the status of the creek cleanup and on the East Plant Area IM. A Community Liaison Panel (CLP) meeting was held on October 9, 2009 to provide information on the project status. The next neighborhood and public meetings are scheduled for December 9 and 10, 2009, respectively. A CLP meeting will be held on December 11, 2009.

The presentations for these meetings, as well as past meetings are posted to the project website at: www.BedfordPowertrainCorrectiveAction.com.

An information repository is maintained in the Bedford Plant lobby and is available for public review by appointment. A list of new project documents submitted since Fact Sheet 25 is provided on page one of this Fact Sheet.

Upcoming Field Activities

Remedial work on a larger spring in the creek will continue in 2010. Water from this spring continues to be collected and treated. Restoration of the disturbed portions of the creek and floodplain, primarily those areas west of Peerless Road, will continue into 2011.

Earthwork on portions of the East Plant Area cover system will continue until no later than the Christmas holidays. The area will then be secured and maintained during the winter and the rainy season until the cover system construction work resumes next summer. The area will be vegetated once construction of the final cover system for the East Plant Area is completed, which is anticipated in 2011. The completion of the West Plant Area vegetative/asphalt cover is anticipated by 2011.

Many components of the work both on and off of the Plant property have been substantially completed; however, work on some portions of the project has been delayed until next year. GM continues to discuss the remaining work under the AOC on properties now owned by MLC. It is anticipated that an agreement will be completed between GM and MLC before the end of 2009.

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
Tel: (312) 886-7890

Brad Stimple

for creek clean up work
Tel: (440) 250-1717

IDEM

Gerald O'Callaghan
Tel: (317) 233-1522

ATSDR

(Public Health Agency)
Mark Johnson
Tel: (312) 886-0840

PROJECT INFORMATION AND TRUCK TRAFFIC COORDINATOR

Katie Kamm
Tel: (812) 277-8954

Public Access Website at...

www.BedfordPowertrainCorrectiveAction.com
Get up-to-date project information and view project related documents.

An information repository is located at:
The Information Center at the GM Plant accessible by appointment (Please contact Katie Kamm).