

RCRA Corrective Action September 15, 2008

GM Powertrain Bedford Facility, Bedford, Indiana



Sewer Abandonment at Breckenridge Rd. and GM Drive



Excavation of Clean Soil at a Local Source



Substrate Placement along Bailey's Branch



Creek Excavation Downstream of Peerless Rd.

This is the twenty-first 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, and February 28, 2007.

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 dye trace studies, groundwater sampling, and soil sampling.

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. 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 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 clay and plastic cover system, (3) a 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 within the Plant property and treat it prior to discharge, (5) a source removal system for oil in groundwater in a few locations beneath the plant property, and

(6) continued monitoring and maintenance of the IM components. The first component of this East Plant Area IM, removal of the higher level PCB contaminated soil from the East Plant Area and placement into the vault, is complete. Three of the four sides of the vault have had a portion of the cap (including the plastic liner) placed on them. The next components of the East Plant Area IM; placement of the low-level PCB soil from the creek removal work and installing the cover system, is underway. The perimeter groundwater trench and source removal system for oil are currently in the design phase and are being reviewed by U.S. EPA. Finalization and approval of these designs is anticipated in 2009. In addition, the East Plant Area IM was expanded to include two areas on the south end of the Plant property. Work in these areas, which included a localized area of soil removal along with fill placement and capping, is underway.

The excavation and removal of a fill area and several small localized areas along a small creek north of the Plant, found to have PCB levels above the clean-up objective, was completed in January of 2008. Restoration activities in that creek area were completed in the Spring of 2008.

U.S. EPA has approved the excavation design for the West Plant Area and the conceptual parking lot restoration. U.S. EPA has also approved the disposal of the greater than 50 ppm PCB soil from the West Plant Area into the on-Site vault. Work on one of the IM projects in the West Plant Area commenced near the corner of Breckenridge Road and GM Drive in June of this year. The removal work in this area has been completed, as well as another small area south of the Plant building. A small area directly in front of the Plant will be excavated once Plant utilities are re-routed around the area. The remaining soil removal work in the West Plant Area is anticipated to be complete before the end of 2008.

The following documents have been submitted to the U.S. EPA and IDEM since Fact Sheet 20 and are available for review in the public repository and online.

Quarterly Progress Report 29

CERCLA Monthly Progress Reports

- May, June, July, August 2008

Public Presentation

- June 19, 2008



Project Fact Sheet 21

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 off of the Facility property.

Restoration of the cleaned upstream section of the creek, from the Facility to Broomsage Road, has been completed except for a small section near the confluence of Tributary 3 and the Bailey's Branch Creek main tributary where investigation of a spring is ongoing. The Construction Certification Report for that first section of the creek (Upstream Parcels) was approved by U.S. EPA on December 12, 2007.

Restoration of the Bailey's Branch Creek between the Broomsage Road Bridge and Pleasant Run Creek is completed. Maintenance and repairs to this section of the creek damaged by flooding will be completed this Fall. 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.

Sevenson Environmental Services is the contractor currently working on the creek restoration between the Bailey's Branch confluence with Pleasant Run and the Bridge at Peerless Road. This work is anticipated to be completed by the end of this year, except for some planting activities, which will be completed in the Spring of 2009.

ENTACT, the removal contractor in the section downstream (west) of Peerless Road, continues to remove soil and sediment along the creek channel and floodplain. The excavation is nearing completion, with only a few small areas remaining to be excavated. In addition, soil from the stockpile at Bud Ikerd and Peerless Roads continues to be transported and placed in the East Plant Area. This placement activity, along with the restoration work,, will be marked by a period of increased truck traffic on Peerless and Breckenridge Roads until these tasks have been completed.

To date, approximately 1.45 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 excavation in the downstream section and transportation of fill to the East Plant Area should be completed by the end of 2008, while restoration of the remaining downstream sections (west of Peerless Road) will continue into 2009.

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. At the end of the truck traffic, GM will be resurfacing the last stretches of road used by the project, where paving is in poor condition.

Upcoming Field Activities

The physical removal and transport of soil and sediment from the creek area will continue downstream. Completion of the excavation of soil from the remaining sections downstream of Peerless Road is anticipated by the end of Fall 2008 and transport is expected to continue for several months after that.

Quarterly sampling of seeps and springs will continue and new seeps and springs will be added if encountered. The next sampling event will be conducted in September 2008. A report reviewing remedial alternatives for one of the larger springs on the creek will be submitted to U.S. EPA for review. This spring water continues to be collected and treated before being released to the creek.

Work on the East Plant Area IM is continuing. Low-level PCB soil continues to be transported to the Plant for use as subgrade material in the East Plant Area to support the on-going IM landfill cover system construction. The cover system is being constructed on finished areas of grading. Once construction of the final cover system for the East Plant Area is completed, likely in 2009, the area will be vegetated.

West Plant Area soil excavation and placement in the vault will continue into this fall season. Once the soil from the West Plant Area excavation is put into the vault, the vault will be closed and the cap completed.

Restoration in the main creek between the confluence of Bailey's Branch and Pleasant Run and the Peerless Road Bridge should be complete by the end of 2008.

General Update

A neighborhood information session and a general public meeting were held on June 18 and 19, 2008, 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 on June 20, 2008 to provide information on the project status. A road meeting was held on June 17 to discuss road and traffic issues along GM's haul route. A meeting on a potential trail system will be held in the Fall. The next neighbor and public meetings are scheduled for September 24 and 25, 2008, respectively. A CLP meeting will be held on September 26, 2008.

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 20 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:

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Public Access Website at...

www.BedfordPowertrainCorrectiveAction.com

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

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