

**GM POWERTRAIN BEDFORD CORRECTIVE ACTION
COMMUNITY LIAISON PANEL (CLP) MEETING MINUTES
MEETING NO. 28**

DATE: December 7, 2007
TIME: 11:00 A.M. EST
LOCATION: GM Powertrain Bedford Facility
RECORDED BY: Mary Kelly

ATTENDEES: Becki Akers – General Motors
Tom Brent – Bedford Resident
Robert Dailey – Bedford Resident
Cheryl Hiatt – General Motors
Ed Peterson – General Motors
Larry Smith – Bedford Resident
Katie Kamm – Conestoga-Rovers & Associates (guest)
Mary Kelly – Conestoga-Rovers & Associates (guest)
Clayton Koher - Agency for Toxic Substances and Disease Registry (guest)

ABSENT: *The following members were invited but could not attend:*
Adele Bowden-Purlee – Bedford Chamber of Commerce
Janie Craig Chenault – Bedford Resident
Melva Cooper - Bedford Resident
Mike Cooper – Dunn Memorial Hospital
Chad Faust – City Engineer
David Flinn – County Road Commissioner
Stanley Glenn – Bedford Resident
Tim Hall – General Motors
Bob Hamilton – Bedford Resident
Mike Hilfinger – General Motors Real Estate
Tammie Jean – County Assessors Office
Joe Klumpp – Mayor, City of Bedford
John Lancaster – GM Powertrain Bedford Plant Manager
Chris May - County Commissioner
Joanne Mabrey – GM Bedford Plant Communications
Paul McBride – County Health Sanitarian
Gene McCracken – Lawrence County Economic Growth Council
Jim McGuigan – Conestoga-Rovers & Associates
Dave Nakarado – Evergreen GMAC Real Estate
Cedar Orman – Bedford Resident
Eace Roberts – Bedford Regional Medical Center
Bill Spreen – Lawrence County Commissioner
John Williams – Bedford Resident

11:30 Meeting called to order by Cheryl Hiatt.

11:25 Cheryl presented Old Business from the September 2007 meeting.

- Cheryl inquired if there were any new member nominations and reviewed the agenda for the meeting. No new members were nominated.
- Cheryl mentioned that Bob Hamilton is no longer with Hamilton & Associates Real Estate and that Cedar Orman has retired; we will need to find out whether they would still like to be involved in the CLP.
- The City of Bedford elected a new mayor, Shawna Girgis, who will take office in the New Year. The new mayor has been invited to become part of the CLP.
- Tom Brent asked about the children's program that was discussed in the September meeting. Ed Peterson explained that Tim Reinke, from the GM Plant, runs an educational session on Leatherwood Creek that allows students to see the real world application of environmental monitoring such as water testing. Mr. Reinke is looking for volunteers for the various educational sessions he conducts throughout the year.
- The Panel offered no comments on the draft Meeting Minutes from the last meeting, and therefore the Minutes were approved as submitted. Final Meeting Minutes will be placed in the public repositories and on the website.
- The next meeting was scheduled for March 14, 2008.

11:30 • Ed Peterson gave an update on the status of the Removal Action (the stream cleanup) and the Corrective Action (the work occurring on Plant property), including the ongoing work in the East Plant Area.

- The "yellow map" was reviewed and it was noted that the removal of impacted materials along the stream channel was held up by the need to cut down additional trees in the downstream reach and due to the presence of the Indiana bat we needed to get written approval from the United States Fish and Wildlife Service. The excavation should be completed in early 2008, with restoration to continue through 2008.
- Aerial photographs of the project activities were presented to demonstrate the amount of work that is ongoing and how much has been completed.
- The restoration activities immediately downstream of the new culvert bridge on Broomsage Road are complete. There are a series of ponds and wetlands that were constructed in this area. This is the first large-scale wetland-pond complex to be completed in the restoration of this creek and this complex will result in a more diverse ecological niche.
- A serpentine lagoon was constructed just downstream of the bridge and a small tributary coming in to Bailey's Branch from the west because the tributary has quantities of rock flour from a limestone milling plant upstream. This lagoon shape will allow the rock flour to settle out ahead of the creek and main wetland and pond areas, helping to protect the bottom dwelling creatures from being smothered with sediment. The serpentine wetland should flush completely out in a large rain event.

- A number of restoration features have been added to increase the quality of the habitat with the aim of leaving the area better ecologically than it was before. A number of features (e.g. vortex weirs of logs and rocks) were introduced to increase the dissolved oxygen which, in turn, increases the water quality.
- A recent review of the fish, invertebrates, and birds along the restored channel reaches has revealed an increase in the variety and number of species.
 - Fish species – 13 identified in October 2007 whereas only 8 were identified prior to the creek cleanup, and
 - Invertebrates – 28 identified in October 2007 whereas only 19 were identified prior to the creek cleanup.
- Benthic macroinvertebrates live in the sediment and are an indicator of stream quality and health. Biologists test this by placing sediment into a net and count the quantity and species of nymphs.
- Artificial roosts using snags and nest boxes have been installed as part of the restoration to temporarily take the place of the trees that were removed as part of the cleanup process until things grow in again.
- The next major area of restoration will occur from the end of the previous section downstream to the Peerless Road Bridge. Restoration on the west side of the Peerless Road Bridge, which will involve the creation of the large wetland, will follow sequentially.
- Road repair work and maintenance is ongoing as needed, but paving will not occur until the spring as asphalt plants are closed for the season. GM continues to evaluate and address issues as they are raised. GM will pave a large portion of Peerless Road once the project is complete.
- GM has been conducting dye trace studies into the spring area on the creek northeast of the Plant property. A summary of the results and an evaluation of remedial options are underway.
- The cleanup along the Northern Tributary has started in an area where fill material north of the plant property was discovered. The area along Breckenridge Road has been excavated (to bedrock), sampled to confirm the excavation is complete, and will be regraded and restored.
- GM is continuing to work with the U.S. EPA and IDEM on the components of the East Plant Area Interim Measure.
 - The construction of the TSCA landfill vault bottom liners is complete and the excavation of the >50 ppm PCB material in the East Plant Area and placement within the vault is complete. The landfill vault cover will be constructed to close the vault in 2008 once material from a couple of other projects are excavated and placed in the vault.
 - Low level PCB soils (<50 ppm PCB) from the creek cleanup are being used to fill the holes from the >50 ppm PCB excavation and to build the grade (under the final landfill cap) for better drainage off the cap. The placement of this material is ongoing.
 - The perimeter groundwater collection system and the AOI 8 collection system are currently in the investigation and design phase and will be

installed in 2008 once the plans have been submitted and approved by the U.S. EPA.

- There is a lot of work upcoming for 2008, including:
 - Implementing the interim measure in front of the Plant building,
 - Excavation of material on Parcel 201,
 - Closure of the Landfill Vault,
 - Remediation of the Parcel 400,
 - Completion of the geophysics and final design of the perimeter collection system, and
 - Completion of the Environmental Indicator CA 750.

- 12:00**
- Ed Peterson gave an update on Community Relations
 - The last set of Neighborhood and Public Meetings were held on December 5th & 6th. Several new faces were in attendance at these meetings.
 - Cheryl Hiatt asked the group how we can better help present the information to the CLP. Perhaps having potential speakers, such as a biologist, may be helpful. A site tour will be planned for June 2008.
 - Some Panel members suggested holding a meeting presenting the story or even perhaps moving the meeting to another location such as Stalker School or Auditorium may attract more people.

- 12:30**
- The meeting was adjourned.