

**GM POWERTRAIN BEDFORD CORRECTIVE ACTION  
COMMUNITY LIAISON PANEL (CLP) MEETING MINUTES  
MEETING NO. 41**

**DATE:** March 10, 2011  
**TIME:** 11:00 A.M. EST  
**LOCATION:** CRA Field Trailer  
**RECORDED BY:** Katie Kamm

**ATTENDEES:**

Jim McGuigan - Conestoga-Rovers & Associates  
Janie Craig Chenault - Lawrence County Resident  
Peter Ramanauskas - United States Environmental Protection Agency  
Scott Johanson - Indiana Department of Environmental Management  
Cheryl Hiatt - General Motors LLC  
Ed Peterson - General Motors LLC  
Bob Dailey - Bedford Resident  
Dave Favero - Motors Liquidation Company (guest)  
Katie Kamm - Conestoga-Rovers & Associates (guest)

**ABSENT:**

*The following members were invited but could not attend:*  
Tom Brent - Bedford Resident  
Larry Chenault - North Lawrence Water Authority  
Cedar Orman - Williams Realtors  
David Flinn - County Road Commissioner  
David Holmes - Lawrence County Highway Department  
Shawna M. Girgis - Mayor, City of Bedford  
Bob Hamilton - Bedford Resident  
Rod Smith - Bedford Planning, Zoning, and Building  
Marla Jones - Bedford Economic Growth Council  
Chris May - County Commissioner  
Gene McCracken - Lawrence County Economic Growth Council  
Jamie Medlock - Bedford Chamber of Commerce  
Dave Nakarado - Evergreen GMAC Realtors  
Eace Roberts - Bedford Regional Medical Center  
Bill Spreen - Lawrence County Commissioner  
Brad Stimple - United States Environmental Protection Agency  
Jeff Moody - Indiana Department of Environmental Management  
Jerry O'Callaghan - Indiana Department of Environmental Management  
Tim Rienks - General Motors LLC  
Eric Gonzales - General Motors LLC

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**11:31** Meeting called to order by Cheryl Hiatt of General Motors.

**11:31** Cheryl welcomed everyone to the 41<sup>st</sup> CLP meeting and briefly reviewed the agenda.

Cheryl asked if there was any old business to report. No old business was reported.  
Cheryl asked if there was any new business to report. No new business was reported.

Cheryl noted that Jeff Hummel of GM had transferred to a different GM facility and would therefore no longer attend the meetings. Cheryl asked panel members to let GM

know if they became aware of community member were interested in attending the CLP meetings.

Cheryl stated that GM would contact the mayor to see if she was interested in having a city representative attend the meeting in her place. Cheryl also noted that GM would contact Jamie Medlock (Bedford Chamber of Commerce) to see if she was interested in attending the meetings.

**11:36** Ed Peterson of General Motors gave an update of the remaining CERCLA Removal Action.

- GM LLC and MLC reached an agreement to coordinate the remaining creek removal action (which is only left to do on MLC property) with work at the East Plant. Dave Favero of Motors Liquidation Company (MLC) noted that MLC's reorganization plan has been approved and an environmental trust will be established that will go into effect on or about March 31, 2011. It is possible that a new person may manage the interest of the trust for the Bedford project.
- The contractor has been on winter shutdown since the last meeting, but work is expected to resume in the spring. The removal action work, which will include consolidating the remaining creek soil and constructing the cover system, is scheduled to be completed in 2011.
- The remedy for Spring 18 will be implemented during 2011

Creek restoration activities will continue into 2012.

**11:41** Ed identified the various work areas including the remaining excavation area (Area G), remaining restoration areas (downstream parcels), East Plant, West Plant, Parcel 400, and Spring 18 area.

Ed reviewed the removal action status with the CLP by going through the shaded map, which details the various stages of cleanup on the creek. Ed identified that the green areas shown on the map indicate the cleanup criteria have been met, verified and the area has been restored. Creek sections shaded in red identify areas where the cleanup criteria has been met and verified, but the area is either in the process of being restored or has not yet been restored. Yellow areas are areas where cleanup has not yet occurred.

**11:44** Ed showed slides of the areas on the creek where restoration has been completed and where habitat is recovering after the cleanup and restoration.

Ed identified an area where GM is working on repairing an area of the creek system where the main creek channel became obstructed, routing the creek system through a series of ponds. The pond overflow features were not originally designed to accommodate the full creek flow. GM is looking at alternatives to address this issue.

Ed noted property east of the Peerless Road bridge at Bud Ikerd Road has recently changed ownership. The new property owner has requested a modification to the planting plan. GM will take his request to the state.

**11:45** Ed pointed out Area G. Area G is the largest remaining creek work area requiring PCB soil removal. The balance of the impacted material beneath the clean soil of the staging pad will be excavated and transported for use as grading fill at the East Plant cover system in 2011.

To expedite removal activities, GM completed additional investigations to further define the limits of the impacted area. Soil borings were advanced and samples were taken every 6-inches to determine the depth of the excavation. Two small areas of >50 ppm PCB soil were identified. This soil will go off site for disposal. The remaining material will be transported to the East Plant for use as grading fill.

**11:50** Ed pointed out Spring 18. GM has conducted significant investigations in the Spring 18 area to determine a remedy to address impacted groundwater.

Water in the creek enters broken rock in the creek bed floor (referred to as a swallet) where it travels through the rock and emerges downstream in the form of Spring 18. Low lever PCBs have been detected in the water from Spring 18. The water is currently being collected and treated prior to discharge back into the creek.

GM has conducted interim remedial actions to minimize the amount of water that enters the swallets including sealing the swallets and creek banks with a cement mixture.

Current plans to further reduce the amount of water entering the spring will be to install a French drain system east of Spring 18. GM installed several wells to determine where the drain location so it would fall outside the contaminated area. Clean groundwater collected in the drain will be diverted around Spring 18 and discharged into the creek system downstream of the spring. Water from Spring 18 (reduced volume) will continue to be collected and treated. Once the reduced volume of water is known, a permanent conveyance system to transfer impacted water from the spring to a treatment facility will be designed.

**11:55** Trucking has been suspended through the winter and early spring. Trucking will start up again in Spring 2011 when the remediation and restoration work resumes.

The section of Peerless Road and Breckenridge Road that received a first course of paving in 2010 is expected to be completed following trucking end.

CRA continues to monitor the safety of the trucking activities. Any issues raised by residents can be directed to Katie Kamm.

**11:56** Ed gave an update on the RCRA Corrective Action.

- GM LLC continues to implement the Interim Measures for the East Plant Area (Plant property east of GM Drive).
- Groundwater testing is on-going
- Bedrock studies in the AOI8 area will be conducted in 2011 to facilitate a collection system design.

**12:09** Ed reviewed the map identifying the status of the East Plant Area Interim Measures. The areas shaded in purple indicate areas where the cover system has been substantially completed. Blue indicates current work areas. Green areas will be addressed in 2011.

Ed reviewed several slides identify 2010 work activities including grading fill placement, liner installation, and seeding.

Ed pointed out the location of the perimeter groundwater collection trench alignment. GM will be installing a pilot trench to collect information to assist in the final trench

design/construction. Water collected in both the pilot and complete trench will be sent to the water treatment plant for treatment prior to being discharged. GM intends on installing the pilot trench in 2012, followed by the complete trench in 2013.

- 12:02** A combination of asphalt cover and soil/liner cover system is scheduled to be placed over the West Plant Area. This cap will meet requirements similar to those of the approved East Plant Area cap and is expected to be completed in 2011.
- 12:04** Fill material has been found in Parcels 400/430/431, located west of the plant off Broomsage Road. While there is no information indicating that this fill came from GM, GM has agreed to address the evaluation of remediation alternatives. Additional soil sampling is on-going to further delineate the impacted area. To date, results have showed some areas of low level and one area of higher level (>50 ppm) PCB fill material. Dave Favero noted the fill extends onto MLC property to the west of the investigation area. MLC will be working with GM to coordinate the cleanup.
- 12:06** Upcoming activities for work in 2011 include: complete additional bedrock studies at AOI8, complete additional delineation in Parcel 400/430/431 work area, complete creek remediation at Area G, complete East Plant and West Plant Area cover systems, complete restoration on property east of Peerless Road bridge, complete the design and construction of the Spring 18 remedy, and continue groundwater monitoring.
- 12:12** Cheryl noted that GM is working with U.S. EPA to include sustainable and green technologies for some of the cover system components. As an example, GM is looking into using solar power for the AOI8 groundwater recovery system.
- 12:13** Cheryl gave an update on Community Relations Activities
- The next Public Meeting is scheduled for the evening of March 10, 2011.
  - Cheryl stated that the next Public and CLP meetings are tentatively scheduled for June 2011.
  - Cheryl reviewed contact numbers for project personnel and pointed out locations where the community can obtain project information.
- 12:15** The meeting was adjourned.