

**GM POWERTRAIN BEDFORD CORRECTIVE ACTION
COMMUNITY LIAISON PANEL (CLP) MEETING MINUTES
MEETING NO. 16**

DATE: January 21, 2005
TIME: 11:00 A.M. EST
LOCATION: GM Powertrain Bedford Facility
RECORDED BY: Mary Kelly

ATTENDEES: Becki Akers - General Motors
Tom Brent - Bedford Resident
Janie Craig Chenault - County Commissioner
Paul Ford - General Motors
Cheryl Hiatt - General Motors
Mike Hilfinger - General Motors Real Estate
John Lancaster - GM Bedford Powertrain Plant Manager
Paul McBride - County Health Sanitarian
Jim McGuigan - Conestoga-Rovers & Associates
Ed Peterson - General Motors
Larry Smith - Bedford Resident
John Gunter - Indiana Department of Environmental Management (guest)
David Flinn - County Commissioner (guest)
Kristen Harper - Conestoga-Rovers & Associates (guest)
Katie Kamm - Conestoga-Rovers & Associates (guest)
Mary Kelly - Conestoga-Rovers & Associates (guest)
Bill Spreen - County Commissioner (guest)

ABSENT: *The following members were invited but could not attend:*
Adele Bowden-Purlee - Bedford Chamber of Commerce
Melva Cooper - Bedford Resident
Kim Dobosenski - General Motors
Stanley Glenn - Bedford Resident
Bob Hamilton - Hamilton & Associates Real Estate
Tammie Jean - County Assessors Office
Joe Klumpp - Mayor, City of Bedford
Cedar Orman - Williams Reality
Bridgid Thomas - Bedford Regional Medical Center
Rick Wallace - Dunn Memorial Hospital
John Williams - Bedford Resident

-
- 11:20** • Meeting called to order by Cheryl Hiatt.
- 11:20** • Cheryl presented Old Business from the October 29, 2004 meeting and explained that today's meeting would present a summary of work performed in 2004 and anticipated work for 2005.
- Cheryl inquired if there were any new member nominations. There were none.
 - 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 CLP meeting was proposed for April 29, 2005. The Panel members approved the next CLP meeting to be held on April 29, 2005, from 11:00 a.m. to 1:00 p.m.

11:23 Cheryl opened the discussion on New Business.

- Cheryl discussed that there have been no final dates set for the next Public Meetings but that invitations would be sent out to the panel members once a date had been finalized.
- Janie Craig Chenault introduced two new County Commissioners that were at today's meeting as guests; Mr. Bill Spreen and Mr. David Flinn.

11:25 • Jim McGuigan discussed the status of the RCRA Correction Action Program. A brief overview was given on the status of the on-site investigation. There are three RCRA Facility Investigation (RFI) Work Plans under development or implementation.

- The implementation of RFI Work Plan: Addendum No. 7 is ongoing. It involves the investigation of a ravine that had been historically filled by unknown parties. The delineation should be completed within the next few weeks.
- RFI Work Plan: Addendum No. 8 is under development to perform additional on-Site dye trace studies in the karst geology. The proposal will include the injection of two separate dyes into two separate locations (in the historical landfill area and in the historic stormwater pond area).
- RFI Work Plan: Addendum No. 9 is under development to do additional investigations to support the remedy for the East Plant Area. A Corrective Measures Study that looks at various alternatives for addressing the East Plant Area and evaluates the effectiveness of each of the alternatives is currently being prepared for submission to the Agencies. A meeting was held with the Agencies yesterday to discuss the status of the project and this specific work.
- Jim also explained that Interim Measures (corrective action measures implemented prior to completion of the entire RFI process) along the Northern and Western Tributaries will involve the cleanup of a few very small areas.
 - The Northern Tributary area could involve a cap and collection system in the area of the historic fill area or removal; and
 - The Western Tributary area will involve the removal of 3 very small areas along the channel.
- Jim explained that several smaller areas in the West Plant Area that are being investigated as part of RFI Addendum No. 7 will also be excavated upon the completion of the investigation and delineation, and subsequent evaluation of the data by the risk assessors.
- Jim explained that Exponent is continuing to work on the preparation of an Ecological Risk Assessment (ERA). The ERA will evaluate post-remedial potential impacts on specific species (the red-tailed hawk, the short-tailed shrew, the belted kingfisher, the deer mouse, and the mink).

11:40 • Ed spoke about the elements and status of the removal work, which included the status of the work plans (Upstream Removal Action Work Plan, the Parcel 22

Removal Action Work Plan, the Site Source Control Work Plan, and the Downstream Removal Action Work Plan), the spring and seep control measures being installed, the removal work, and the wetlands.

- Elements of removal work involve site setup, including:
 - the construction of haul roads and soil staging pads (there are currently three staging pads located east of the Zipp Lot, along the east side of Bailey Scales Road, and along Broomsage Road), and the installation of fencing.
 - Floodplain soil and sediment is removed and verification samples are collected to assure the cleanup criteria of 1.8 ppm and 1 ppm, respectively are met. Where channels are excavated to bedrock the channel is washed with water under high pressure to remove loose sediment and rock material.
 - Excavated material is stockpiled on staging pads before disposal so that the excavated material can be sampled to determine the appropriate disposal facility. Trucks are lined and tarped prior to off-Site shipment. Trucks that contain material greater than 50 ppm have unique placards affixed to the truck that identifies the material to authorities in case of an accident. All shipments have a manifesting process that provides a paper trail that follows the material from the source to the disposal facility.
 - Restoration involves the backfilling of clean material and topsoil in the excavation area. Grasses, shrubs, and trees are planted in these areas. Roughbacks (remnants of quarried rock) are placed along select areas of the channel where channel scour or erosion is anticipated. Rootwads (the root bundle of a freshly harvested tree) are placed at specified locations along the banks of the channel to add bank stabilization and potential habitat features.
- The Removal Action in the Upstream Parcels area is complete. Restoration is ongoing.
- The removal work on Parcel 22 has not started but is expected to commence in the spring. Severson Environmental Services, who is the removal contractor for the Upstream Parcels will proceed with the work from Parcel 12 and will continue downstream to Parcel 22 (Broomsage Road), the last property they are contracted to clean up.
- ENTACT Environmental Services has been awarded the contract for the removal work on the Downstream Parcels (downstream of Broomsage Road). They mobilized to the Site in mid-November and have been excavating the first diversion channel. The diversion channel is being installed to relocate the existing stream around the area requiring excavation. This channel has been designed to hold a 10-year storm event. This first excavation cut of diversion channel one, which was done to meet cleanup standards, is complete; the second cut, for depth, is ongoing.
- Site Source Control (SSC) activities are ongoing. Springs/seeps continue to be monitored on a quarterly basis during both high flow (2 inches of precipitation within 24 hours) and low flow (no precipitation in 7 days) events. Three types of SSC features have been installed on-Site in the area east of the Outfall 002 and north of the current Stormwater Pond. These features include: overburden trench, gravel/collection blanket, and shallow bedrock trench.
- Additional wetland delineation was conducted in 2004 on several parcels. Wetland delineation still remains to be conducted on Parcel 40. Once the delineation is complete, the mitigation plan for replacement of the wetlands can

be finalized.

- 12:00** • Removal Action Issues to date include:
1. Road repair/traffic issues/safety:
 - With the increased number of trucks on the road (based on the current estimates of the volume of soil requiring removal from the creek area there would be approximately 35,000 trucks for the excavation portion alone) there are significant risks of accidents.
 - Safety, protocol, and speed limit concerns are conveyed to the truckers. CRA also monitors trucking activities.
 - The combination of the truck traffic and weather has increased the wear-and-tear of the roads. A paving contractor is on retainer. Cold patches are not very effective in the winter; and GM is evaluating options of opening one of the local asphalt plants or mobilizing a portable asphalt plant so that hot patches can be laid.
 - GM met with the road commissioners today to discuss the status of the roads. The road commissioners indicated that load weights may have to be lowered in the spring to account for the freeze/thaw.
 2. Soil volume/cost increases:
 - The latest estimate of soil and sediment volumes requiring removal has increased to approximately 650,000-700,000 tons.
 - Original quantity estimates did not account for the removal of large volumes of rock from the bottom of the stream channel.
 - Additional delineation in areas where access was previously denied has resulted in increasing excavation limits both vertically and horizontally.
 3. Borrow sources:
 - Finding borrow sources within close proximity to the work areas will reduce the truck traffic distance.
 - Local resources tend to have historic agricultural usages and soil can contain low concentrations of pesticides/herbicides.
 - Landfills opening new cells may also be able to provide clean back haul material.
 - Spring Mill Lake needs to be dredged, but there is currently no State funding to do it. CRA will be testing the sediments for both their chemical and geotechnical qualities to see if GM can use the material as backfill and thus help the local community enjoy this resource into the future.
 4. Dust issues:
 - Concerns by local residents have been raised as to whether the material tracked onto local roads is contaminated or clean. Trucks that travel on the roads are not allowed back in areas where the contaminated soil is located, but rather the soil is brought up to staging areas for them. Road trackout from the site is from clean material (roads built from clean material) and the contractors are to use road sweepers to clean local roads when trackout occurs. The contractors have also been instructed to increase the maintenance of their construction roads with use of gravel at entry points and to wash wheels where necessary.
 - Haul roads and parking lots are to be watered during dry conditions to reduce the amount of dust.
 - Vegetation is planted in the restored areas once topsoil is placed to reduce the potential of dust from these areas.
 - Air monitoring activities are ongoing.

5. Stormwater management:
 - Additional measures include increases in piping sizes, pumping capacity, berm sizes, the number of frac tanks; tarping of active work areas; increases in manpower during storm events; the addition of two 1 million gallon modular tanks; and treatment systems.
6. Property access:
 - Issues with property access include access to Parcel 40, as well as some other parcels for which access is required for SSC, RCRA Investigations, or RCRA IMs.
7. Rock breaking:
 - The breaking of the highly fractured rock at the surface along the channel is costly and time consuming.
8. Tree clearing:
 - Tree clearing has been completed to near the Peerless Road Bridge. Tree clearing in the remaining area is being scheduled to be completed by April 15, 2005.

- 12:35**
- Ed discussed the Corrective Measures Study (CMS)
 - The CMS is under development to evaluate different measures that could be taken to address the East Plant Area. It involves looking at different environmental issues and different remedies and then comparing the remedies against the project goals and objectives as well as EPA's standard criteria. The different criteria are scored and thus used to judge the appropriateness of each alternative remedy under consideration.
 - Discussions have been ongoing with the Agencies as to the most appropriate remedy for the East Plant Area.
 - The different remedies could involve removal, an on-site landfill vault or off-site disposal, soil treatment, a perimeter groundwater collection trench, cap/cover system to reduce the infiltration, and ongoing operation & maintenance of the selected remedy components.
 - A conclusion to what needs to be done will need to be brought to the public for a formal review. It is anticipated that this review would not occur until the Spring.

- 12:45**
- Becki Akers discussed the property issues and community relations activities.
- The dates for the next Community Meetings have not been set.
 - The duplexes that had been donated to the Charity Chapel (for the widows outreach program) will be reverting back to GM due to financial issues associated with Charity Chapel. GM is currently waiting for the deeds and will be looking for an organization to take over the management of the property.
 - Paul Ford mentioned that the United Way has expressed interested in the church property on the west side of the Facility.
 - Becki explained that GM is continually looking for additional charities that they could work with to support the local community.

1:00 The meeting was adjourned.