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INFORMATION SESSION

GM POWERTRAIN BEDFORD PLANT BEDFORD, INDIANA

APRIL 29, 2004





- WELCOME/INTRODUCTION
- PROJECT UPDATE
- STATUS RCRA CORRECTIVE ACTION
- STATUS OF CERCLA REMOVAL ACTION
- PROPERTY ISSUES
- COMMUNITY RELATIONS ACTIVITIES
- QUESTIONS AND ANSWERS



<u>Welcome to the 2nd Quarter 2004</u> <u>Public Information Session</u>

- Team Introduction
- History of the GM Bedford
 Powertrain Facility
- Overview of the project



- Facility located on 152.5 acres and is approximately 1,000,000 square feet
- Approximately 1,000 employees



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- Investigation
 - On-Site Investigation
 - Off-Site Investigation
- Cleanup
 - RCRA Corrective Action
 - On-Site and off-Site investigation
 - On-Site Cleanup Interim Measures
 - Groundwater Investigation
 - Conducted under the Resource Conservation and Recovery Act (RCRA) Corrective Action under a performance-based agreement with the U.S. EPA Region V.
 - The agreement was signed on March 20, 2001 and amended on October 1, 2002.
 - CERCLA Removal Action
 - Conducted through an Administrative Order on Consent (AOC) that has been entered into voluntarily by the U.S. EPA Region V and GM to expedite the cleanup activities.
 - The AOC became effective July 31, 2003.



STATUS RCRA CORRECTIVE ACTION

RCRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

On-Site Investigation Activities for 2004

- Additional soil sampling is being conducted on-Site as part of the RCRA Facility Investigation (RFI) Work Plan: Addendum No. 3.
- Test Pits on-Site and off-Site will conducted as part of the RCRA Facility Investigation Work Plan: Addendum No. 4 once approved by U.S. EPA.





STATUS RCRA CORRECTIVE ACTION

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CRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

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Investigation Activities for 2004

- Additional wells are being installed in part of the RFI Work Plan: Addendum No. 5. Once approved by U.S. EPA, a dye trace study will be performed. Dye Tracer studies:
 - Conducted to evaluate groundwater flow in karst,
 - Involve injecting harmless dye into groundwater and then analyzing groundwater by tracing where it comes to the surface (seeps/springs and wells), and
 - May result in water that appears fluorescent green in color and may be visible in surface water during testing.





STATUS RCRA CORRECTIVE ACTION

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RCRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

Investigation Activities for 2004

 RFI soil and groundwater data is currently being evaluated with the Agencies to determine what cleanup will be performed.







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Elements of Removal Work

- Control of impacted seeps and springs along creeks;
- Removal of floodplain soil and sediment in the creek;
 - Site setup;
 - Removal of sediment to attain the 1 ppm cleanup criterion;
 - Removal of floodplain soil to attain the 1.8 ppm cleanup criterion;
 - Test to verify cleanup requirements have been met;
 - Backfilling and re-planting; and
 - Soil staging area construction.



Project Status

• Site Source Control Work Plan

- The Site Source Control Work Plan was approved November 11, 2003.
- Currently installing seep controls near Outfall 002 and at AOI 4.
 Additional seep/spring controls will be added as identified during removal action.

• Upstream Parcels Removal Action Work Plan

- The Upstream Removal Action Work Plan was approved July 23, 2003.
- Access Agreements were signed with all property owners in the Upstream Work Plan area.
- Tree removal has been completed in the Upstream Work Plan area.
- Excavation is ongoing along the unnamed tributary north of the storm water lagoon and east from the historic outfall.



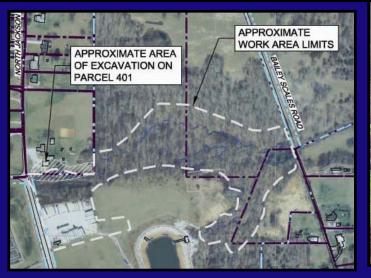
STATUS OF CERCLA REMOVAL ACTION SITE SOURCE CONTROL



POWERTRAIN BEDFORD PLANT BEDFORD, INDIAN



- Site Source Control North of AOI 4
 - Installation of forcemain and electrical conduit.







STATUS OF CERCLA REMOVAL ACTION SITE SOURCE CONTROL







- Site Source Control east of the historical outfall
 - Rock breaking to develop collection trenches.



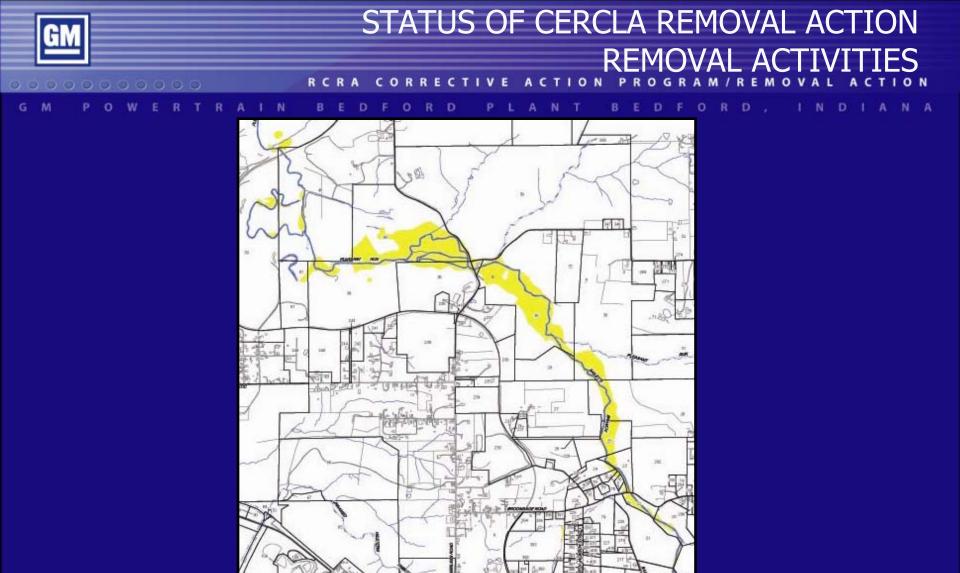
STATUS OF CERCLA REMOVAL ACTION SITE SOURCE CONTROL

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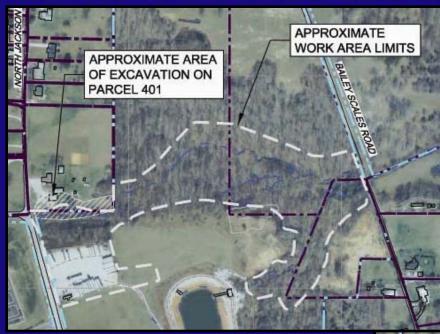
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Upstream Parcels





STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES - SITE SETUP



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Security fencing

Temporary haul road





STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES - SITE SETUP

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Storage pad

Construction and silt fencing

Decontamination station









STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES - SITE PREPARATION RCRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

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Water diversion





STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES - SITE PREPARATION

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Weather station





Air monitoring stations





Remote stream gauge





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STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES - SITE WORK

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Stockpiling and covering







STATUS OF CERCLA REMOVAL ACTION REMOVAL ACTIVITIES – SITE WORK

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STATUS OF CERCLA REMOVAL ACTION **REMOVAL ACTIVITIES – SITE WORK** ON

Soil backfilling

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View looking west of Bailey Scales Road – post excavation but prior to restoration

View looking east of Bailey Scales Road – during excavation activities





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Project Status

- Parcel 22 Removal Action Work Plan
 - The Parcel 22 Removal Action Work Plan was approved July 23, 2003.
 - Access Agreement was signed with the property owner.
 - Tree removal has been completed and excavation will occur sequentially as work progresses downstream.







Project Status

- Downstream Parcels Removal Action Work Plan
 - The Downstream Removal Action Work Plan was submitted to the U.S. EPA October 29, 2003.
 - Final details on the draft document and associated detailed construction drawings are currently being finalized.
 - Access Agreements have been signed for properties in the downstream area except for one remaining property.



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RCRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

Downstream Parcels





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Clearing completed on these parcels





<u>Wetlands</u>

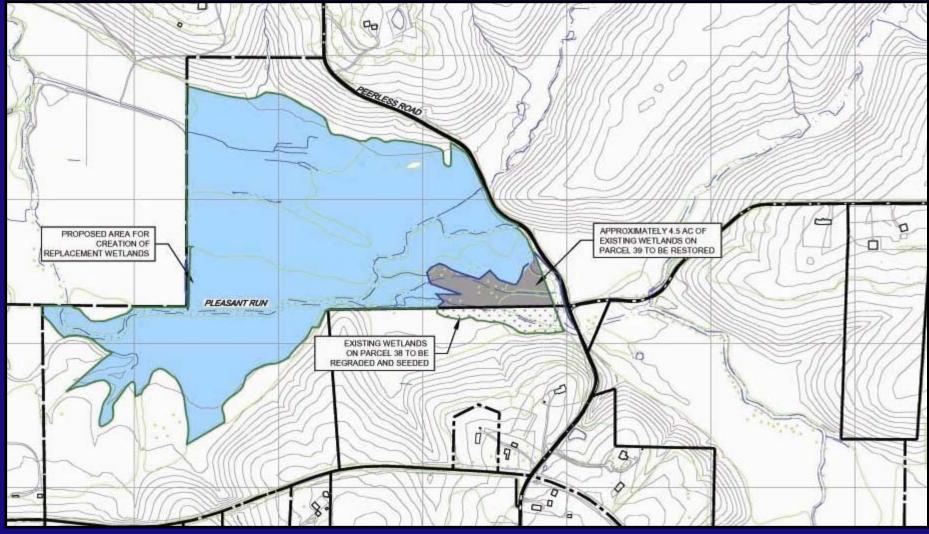
- New wetlands need to be created whenever construction occurs within wetlands.
- The current approach will involve the construction of a single large wetland in the downstream area.



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PROPOSED WETLAND







RCRA CORRECTIVE ACTION PROGRAM/REMOVAL ACTION

Proposed wetland area









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Indiana Bat Evaluation

- Indiana Bat is an endangered species.
- The bat mist-netting survey conducted in at the end of July resulted in the capture of one male Indiana Bat in the downstream area.
- Evaluation of the impact on the Indiana Bat is being performed for the downstream area.





Archeological Assessment

- Archeological Assessment was previously performed for areas in proximity to the GM Bedford Powertrain Plant as part of the RCRA Permit.
- Will continue to assess archeological issues as we move downstream.



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Off-Site Cleanup Activities for 2004

- Continue progression of cleanup downstream along Bailey's Branch to Pleasant Run Creek.
 - Tree removal has been completed downstream to near the Peerless Road Bridge.
 - Cleanup activities are currently focused east of Bailey Scales Road moving north along the creek bed.
 - Restoration activities will be implemented on Parcels as cleanup is completed.

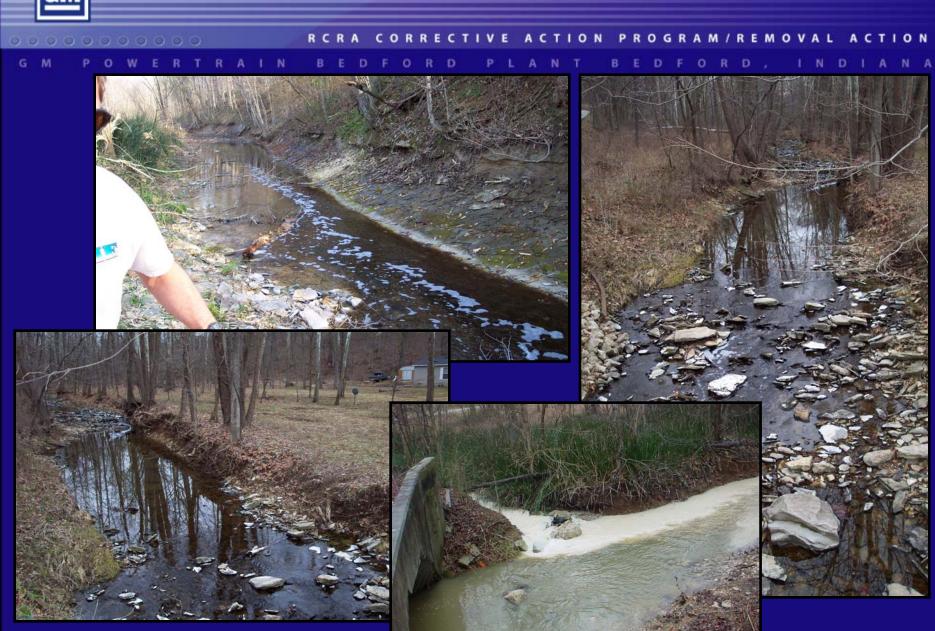


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Schedule for Planning and Implementation

<u>Stage</u>	Area	Target Schedule
1	Upstream Parcels/ Parcel 22	Ongoing
2	Downstream Parcels	Summer 2004







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- GM has developed a property protection plan that is being offered to residents whose property fit certain criteria.
- The plan for properties purchased by GM.
 - Properties are being listed through local real estate brokers.
 - Properties will not be sold if they do not meet cleanup standard.
 - Properties that meet the cleanup standard will be listed through local real estate brokers.
 - Properties with structures that are is disrepair may be refurbished prior to being listed through local real estate brokers.
 - Properties with structure that are unsalvageable will be demolished.
 - Donation of some of these properties are being considered.



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- North Jackson Street Revitalization.
 - There is a concentrated effort enhancing these properties through refurbishment.
 - There is an emphasis on local contractors and labor for this revitalization effort.
 - Planning an Open House for North Jackson Street.
- Donated 2 duplexes to Charity Chapel.
- Planning an opportunity to tour the Site in the near future.



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- Meetings with select residents to discuss access issues.
- Community meetings are held on a quarterly basis
 - The last meetings were on January 27 and 28, 2004
 - As suggested at the last Public Information Session in January 2004, the presentation has been posted to the website
 - The current meetings are scheduled for:
 - April 28, 2004, project update meeting with residents in proximity to creek;
 - April 29, 2004, project update meeting with the general public; and
 - The presentation will be posted to the website.
- The next project update meeting with the Community Liaison Panel is scheduled for April 30, 2004.



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- Project website at: www.BedfordPowertrainCorrectiveAction.com
- Quarterly Community Relations Meetings now available on the website
- GM Community Relations Contact person is Becki Akers. The toll-free number remains (866)223-0856
- Public Information Repository (GM Plant) Currently by appointment.
- Public Information Repository (Library)
- Community Liaison Panel (CLP)
- Periodic information sessions
- Periodic Project Fact Sheets



QUESTIONS AND ANSWERS

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Q & A SESSION