



# GM CETC BEDFORD FACILITY BEDFORD, INDIANA

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

GM CETC BEDFORD FACILITY, BEDFORD, INDIANA

## Welcome to the 2nd Quarter 2010 Public Information Session June 17, 2010



- Facility located on 152.5 acres and is approximately 1,000,000 square feet of manufacturing footprint
- Approximately 400 employees



- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Removal Action (RA)
  - Bailey's Branch and Pleasant Run PCB cleanup of creek sediments and floodplain soil.
  - RA Elements:
    - Control of impacted springs and seeps along creeks; and
    - Removal of floodplain soil to 1.8 ppm and sediment to 1 ppm in the creek.
  - GM LLC and MLC are working on an agreement to consolidate the remaining creek removal work with the work at the East Plant Area.
    - GM LLC completed some soil excavation and transportation in April 2010 at Bud Ikerd and Peerless Roads;
    - Restoration of excavated areas will continue into 2011.



RCRA CORRECTIVE ACTION / CERCLA REMOVAL ACTION

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SOIL PILE AND EXCAVATION REMAINING

RESTORATION EAST OF PEERLESS ROAD

RESTORATION NORTH OF BROOMSAGE ROAD

PARCEL 400

WEST PLANT AREA

SEEP AND SPRING WORK AREA

EAST PLANT AREA

Vault

PARCEL 201





# REMOVAL ACTION STATUS

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

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**DIVERSION  
CHANNEL NO. 3**

**BORROW SOURCE  
AREA AND HAUL  
ROAD**

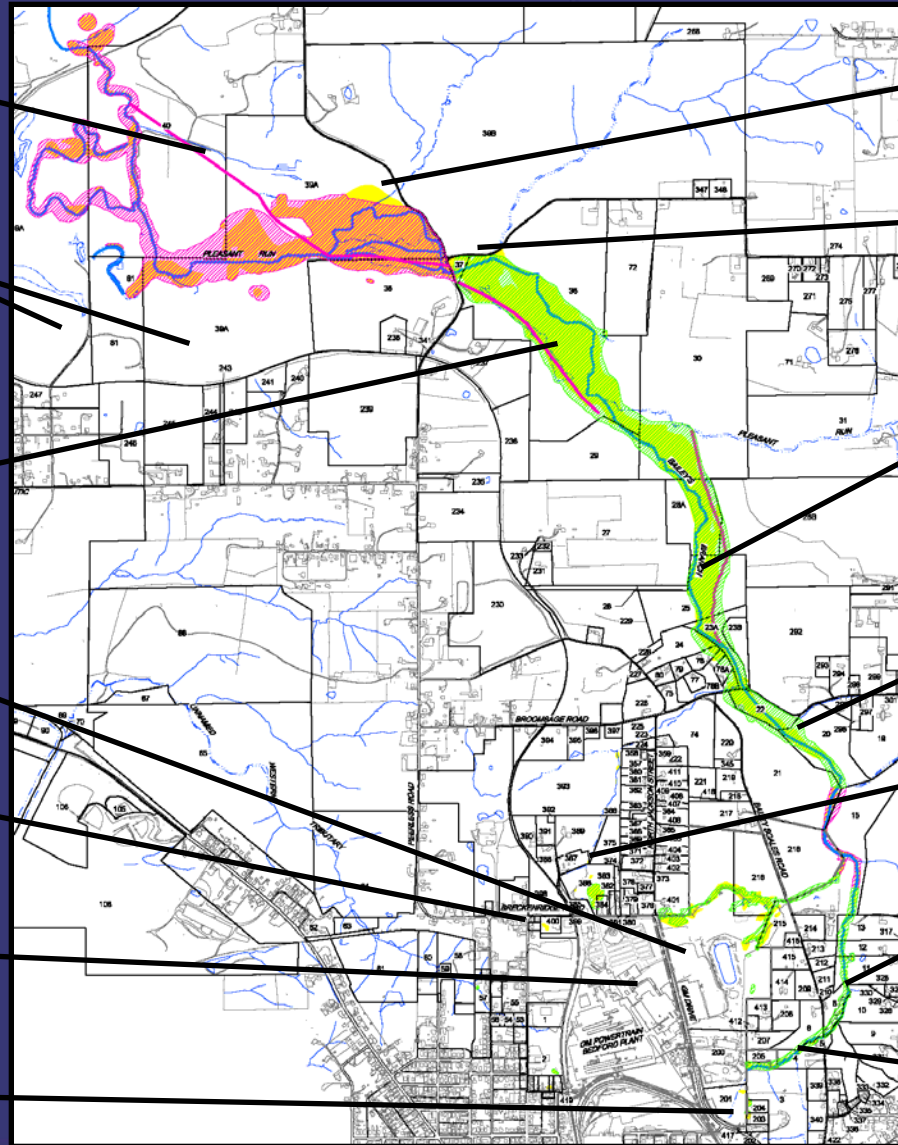
**NEW RESTORATION  
BETWEEN  
BROOMSAGE ROAD  
AND PEERLESS  
ROAD**

**EAST PLANT AREA  
VAULT**

**PARCEL 400 AREA**

**WEST PLANT AREA**

**PARCEL 201**



**STAGING AREA**

**EXCAVATION  
UNDER FORMER  
WATER  
TREATMENT PLANT**

**RESTORATION  
NORTH OF  
BROOMSAGE ROAD**

**RESTORATION  
SOUTH OF  
BROOMSAGE ROAD**

**NORTHERN  
TRIBUTARY**

**RESTORATION  
EAST OF BAILEY  
SCALES ROAD**

**RESTORATION  
WEST OF BAILEY  
SCALES ROAD**



# CREEK RESTORATION

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Looking east and west from  
Bailey Scales Road





# CREEK RESTORATION

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South of Broomsage Road Restoration



# CREEK RESTORATION

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Looking south from Broomsage Road



# CREEK RESTORATION

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Restoration North of Broomsage Road





# CREEK RESTORATION

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G M C E T C B E D F O R D F A C I L I T Y , B E D F O R D , I N D I A N A



Looking north of Broomsage Road restoration



# CREEK RESTORATION

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G M C E T C B E D F O R D F A C I L I T Y , B E D F O R D , I N D I A N A



Restoration north of Broomsage Road



# CREEK RESTORATION STATUS

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G M C E T C B E D F O R D F A C I L I T Y , B E D F O R D , I N D I A N A



Restoration east of Peerless Road



# CREEK RESTORATION STATUS

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## Restoration off Bud Ikerd Road

- Excavation off of Bud Ikerd completed April 2010
- Backfill completed following excavation
- Restoration to be completed Summer 2010



# CREEK RESTORATION

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

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Restoration west of Peerless Road



# CREEK EXCAVATION STATUS

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Excavation and soil pile remaining west of Peerless Road



# CREEK EXCAVATION STATUS

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West of Peerless Road

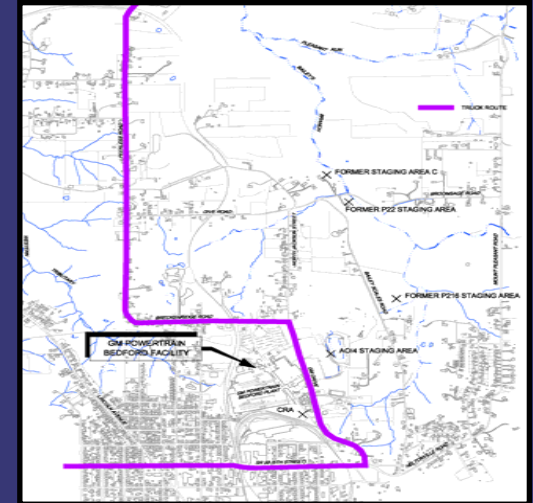


# TRUCK TRAFFIC ROUTES

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- There will be increased road traffic when trucking resumes this summer.
- CRA continuously monitors safety of truckers.
- GM completed paving stretch of Peerless and Breckenridge Roads in response to resident concerns about road conditions.
- At the end of truck traffic, GM will be placing a final surface layer on the portions of road recently repaved.
- GM will be patching/paving roads as needed.
- Truck Traffic Issues:  
Katie Kamm - (812) 277-8954







- RCRA Corrective Action

- Conducted under a performance-based agreement with the U.S. EPA Region V. The agreement was signed on March 20, 2001 and amended October 1, 2002, March 29, 2008, and May 9, 2008
- Continuing to perform groundwater testing.
- Implementing Interim Measures
  - East Plant Area
  - West Plant Area



# EAST PLANT AREA

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## East Plant Area Interim Measure

- Re-use of low PCB Removal Action soil
  - ongoing
- Select soil removal
  - >50 PPM removal complete in the East Plant Area and placed into the Vault
- >50 PPM Landfill Vault
  - Filling of the Vault is complete and Vault cover is almost complete
  - Permanent liner on the north section nearly completed.



## East Plant Area Interim Measure

- Cover System
  - Continued working on south end
  - Some areas need one or more of the cover layers
  - Any area not already covered by permanent liner currently has a temporary liner
  - Will work from south to north
- Perimeter Groundwater Collection System
  - Interim groundwater collection ongoing
- AOI 8 Collection System
  - More testing to be completed in 2010 and the design to be finalized
- Long-term maintenance and monitoring
  - Following construction





# EAST PLANT AREA

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Placing clay over the impermeable liner at Parcel 201



Parcel 201 clay placement off of GM Drive.  
Small amount of grading seeding remains.



# EAST PLANT AREA

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Clay grading completed northeast of Parcel 201.

- The former excavation in front of the plant will have a permanent vegetative and asphalt cover placed over the former excavation.







# PARCEL 400

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# UPCOMING RCRA ACTIVITIES

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## UPCOMING ACTIVITIES FOR 2010

- Continue East Plant Area Cover System
- Continue restoration east of Peerless Road
- Continue RFI groundwater monitoring
- Conduct additional bedrock studies at AOI 8
- Complete design of Pilot Perimeter Groundwater Collection Trench
- Resolve approach to final excavation and transportation of soil from the creek area near the Peerless Road Bridge



# COMMUNITY RELATIONS ACTIVITIES

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- Community meetings are held on a quarterly basis.
  - Presentations have been and will continue to be posted to the website
  - People can always come to the field trailer and talk one-on-one or call Katie Kamm: (812) 277-8954
- Next meetings will be held in September 2010
- CLP Meeting to be held on June 18, 2010



# COMMUNITY RELATIONS ACTIVITIES

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- Project website at:  
<http://www.BedfordPowertrainCorrectiveAction.com>
- Quarterly Community Meetings are available on the website
- Public Information Repository (GM Plant) currently by appointment with Katie and repository publications are also available on the project website
- Community Liaison Panel (CLP) – members listed in minutes on website
- Periodic information sessions
- Periodic Project Fact Sheets (twenty-seven issued to date)
- Project Questions or Truck Traffic Issues contact Katie Kamm:  
(812) 277-8954