



GM POWERTRAIN BEDFORD FACILITY BEDFORD, INDIANA

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

G M P O W E R T R A I N B E D F O R D P L A N T , B E D F O R D , I N D I A N A

Welcome to the June 2006 Public Information Session

June 8, 2006

- 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



- 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;
 - Removal of floodplain soil to 1.8 ppm and sediment to 1 ppm in the creek



REMOVAL ACTION STATUS

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

GM POWER TRAIN BEDFORD PLANT, BEDFORD, INDIANA

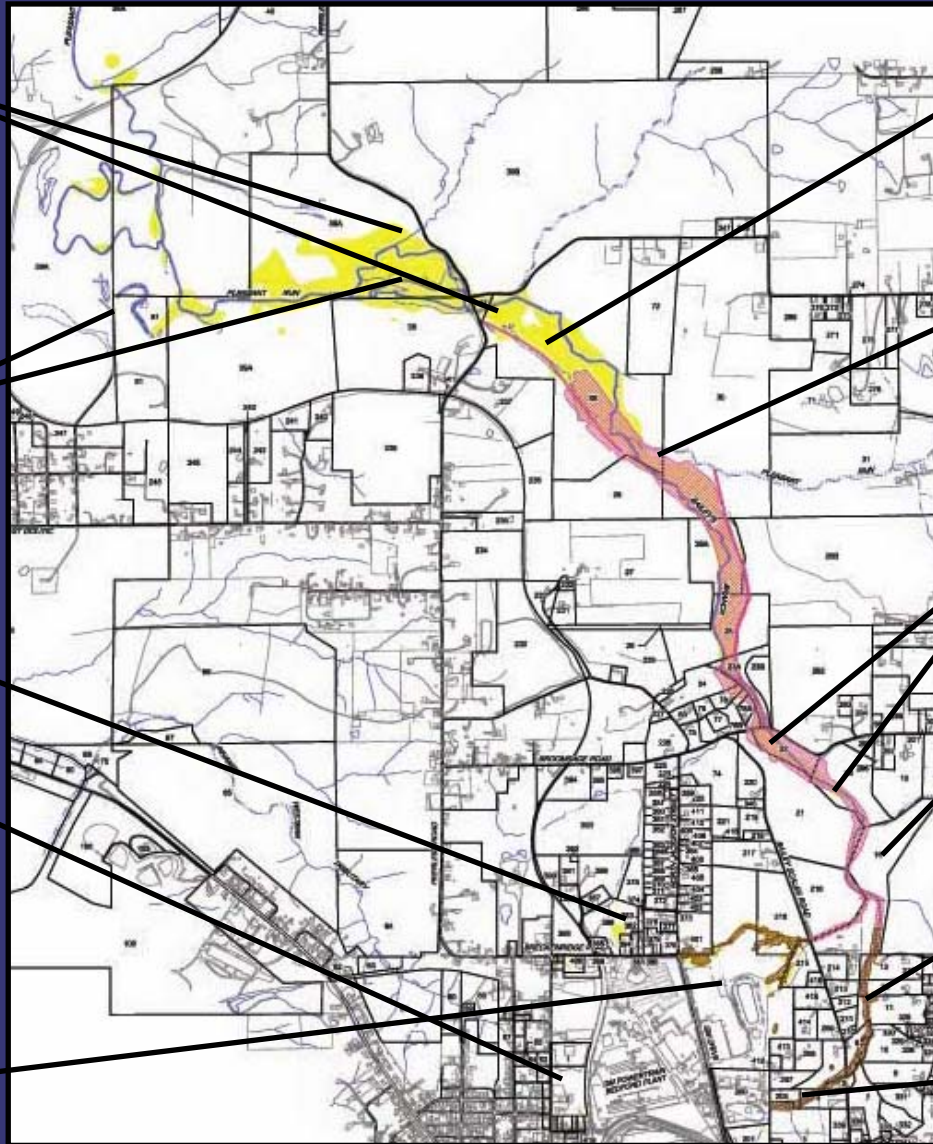
STAGING AREAS

**BORROW SOURCE
AREA AND HAUL
ROAD**

**NORTHERN
TRIBUTARY**

**WESTERN
TRIBUTARY**

**EAST PLANT AREA
VAULT**



**DIVERSION
CHANNEL NO. 2**

**EXCAVATION –
PARCELS
BETWEEN
BROOMSAGE ROAD
AND PEERLESS
ROAD**

**EXCAVATION –
PARCELS
20, 21, AND 22**

**PARCEL 15
RESTORATION
AND SPRING 018**

**RESTORATION
EAST OF BAILEY
SCALES ROAD**

**RESTORATION
WEST OF BAILEY
SCALES ROAD**

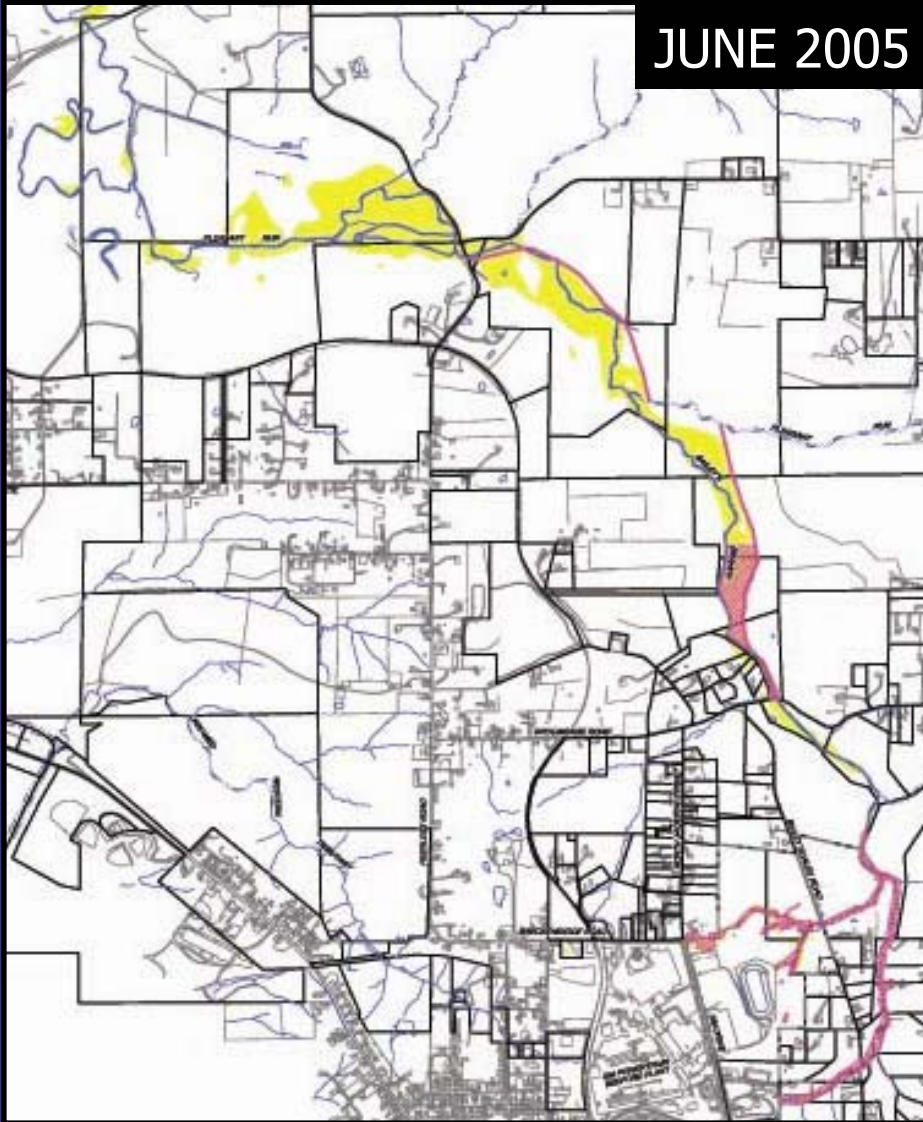


REMOVAL ACTION STATUS JUNE 2005 – JUNE 2006

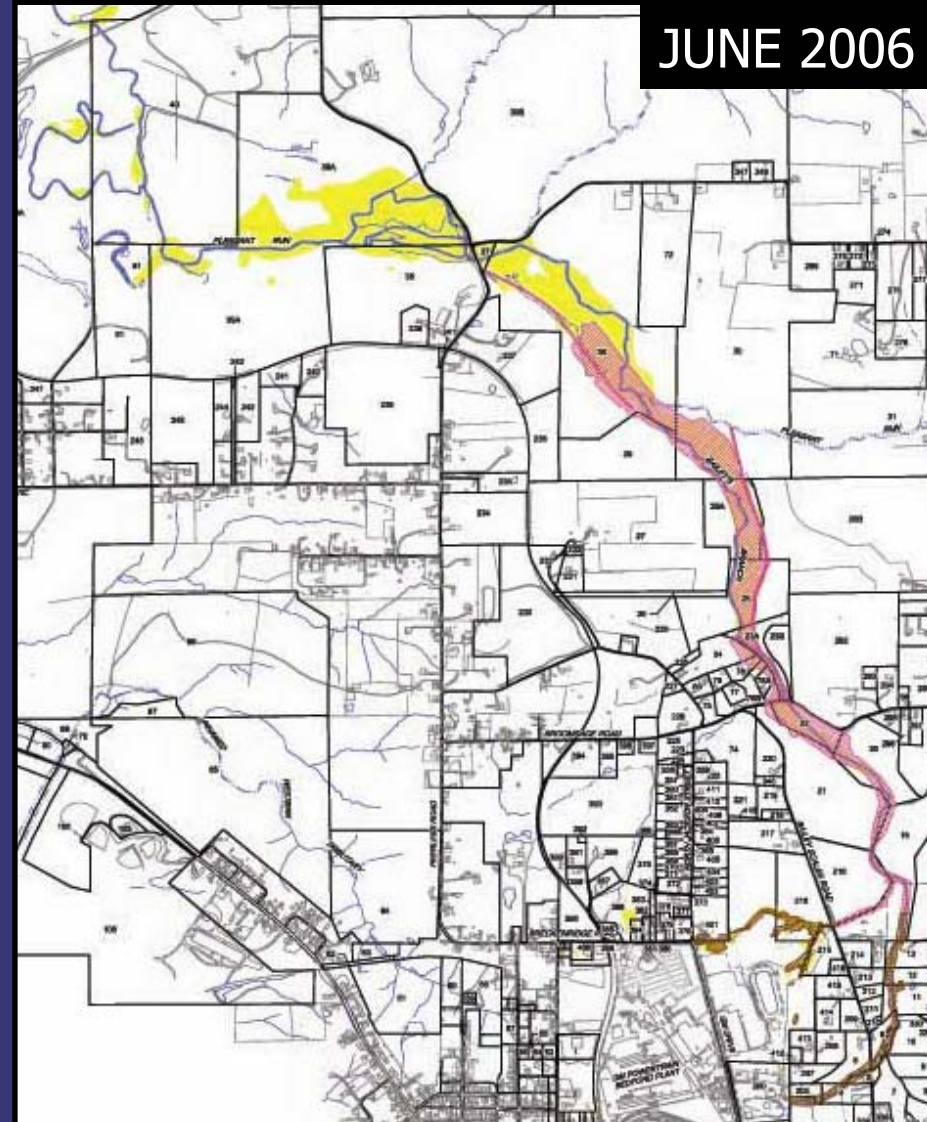
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JUNE 2005



JUNE 2006





REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcels 3 and 205 – Looking east from Plant property (Outfall 002)



REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcel 4 – Looking east



Parcel 4 – Looking west



REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcels 5 and 6 – Looking east towards Bailey Scales Road



Parcels 5 and 6 – Looking west from Bailey Scales Road



REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcels 5, 7, and 8 –
Looking west to
Bailey Scales Road

Parcels 8, 10, and 11 –
Looking west towards
Bailey Scales Road





REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcels 11 and 12



Lower Quarry



REMOVAL ACTION STATUS UPSTREAM PARCELS

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Parcels 13 and 15 – Restoration



RESTORATION

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RESTORATION

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WILDLIFE

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REMOVAL ACTION STATUS ROADS

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GM POWERTRAIN BEDFORD PLANT, BEDFORD, INDIANA

- A paving contractor is on retainer to maintain the roads, as needed. More difficult to perform repair in winter as asphalt plants are shutdown.
- GM contacted local schools regarding school bus routes and hours.
- Contractors are informed of local traffic concerns, including school bus routes and hours.
- CRA is continually monitoring driver safety of truckers.
- Truck Traffic Issues Coordinator
Shelly Gould (812) 279-0977





REMOVAL ACTION STATUS ROADS

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REMOVAL ACTION STATUS PARCEL 22

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Parcels 22 – Removal activities



REMOVAL ACTION STATUS PARCEL 22

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REMOVAL ACTION STATUS ROCK BREAKING

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REMOVAL ACTION STATUS PRESSURE WASHING

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DISRUPTION TO WATER SERVICE

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REMOVAL ACTION STATUS DOWNSTREAM PARCELS

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Parcels 23 and 24 – Excavation



REMOVAL ACTION STATUS DOWNSTREAM PARCELS

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Parcels 25 and 28 – Excavation



REMOVAL ACTION STATUS DOWNSTREAM PARCELS

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Parcels 29, 30, and 36 – Excavation



REMOVAL ACTION STATUS DOWNSTREAM PARCELS

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Diversion Channel No. 2 Excavation





REMOVAL ACTION STATUS DOWNSTREAM PARCELS

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Staging Area F



Staging Area G



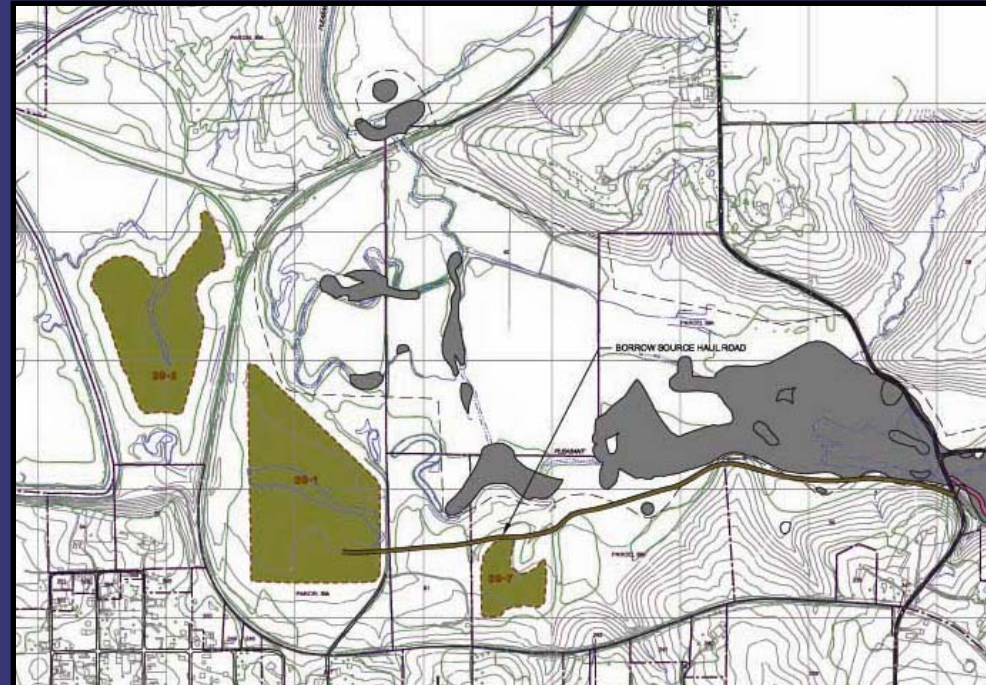
REMOVAL ACTION STATUS BORROW SOURCE AREA

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- GM has selected a borrow source along the creek and constructed a haul road along the creek to keep truck traffic off the roads





REMOVAL ACTION STATUS TREE MULCHING

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- 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 on October 1, 2002.
 - Continuing to perform soil and groundwater investigation
 - Installing of new groundwater wells and new round of groundwater sampling
 - Dye investigation
 - Continuing Ecological Risk Assessment
 - Implementing Interim Measures
 - East Plant Area
 - Western Tributary



STATUS OF RCRA CORRECTIVE ACTION

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

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UPCOMING ACTIVITIES 2006

- Design and Implement Dye Trace testing west of GM Drive
- Prepare West Plant Area IM work plan
- Implement Northern Tributary IMs





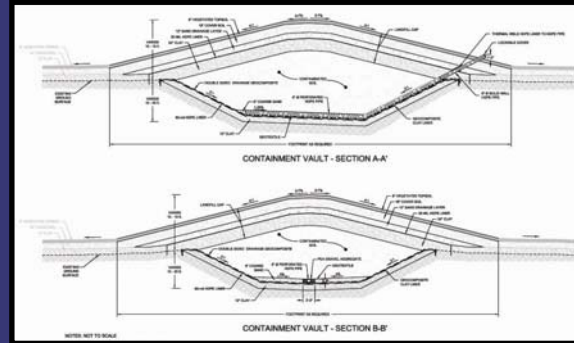
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GM POWERTRAIN BEDFORD PLANT, BEDFORD, INDIANA

East Plant Area Interim Measure

- Cover System
- Re-use of low PCB Removal Action soil
- Select soil removal
- Landfill cell
- Perimeter Groundwater Collection System
- Long-term maintenance and monitoring





EAST PLANT AREA IM LANDFILL VAULT

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COMMUNITY RELATIONS ACTIVITIES

RCRA CORRECTIVE ACTION/CERCLA REMOVAL ACTION

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- Community meetings are held on a quarterly basis
 - This set of meetings are June 7 & 8, 2006.
 - Continuing to experiment with format.
 - Presentations have been and will continue to be posted to the website.
 - The next community meetings are likely to be in August/September 2006.



COMMUNITY RELATIONS ACTIVITIES

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- Project website at:
<http://www.BedfordPowertrainCorrectiveAction.com>
- Quarterly Community 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 (thirteen issued to date)
- Truck Traffic Issues Coordinator – Shelly Gould (812) 279-0977