



Public Information Session December 10, 2014



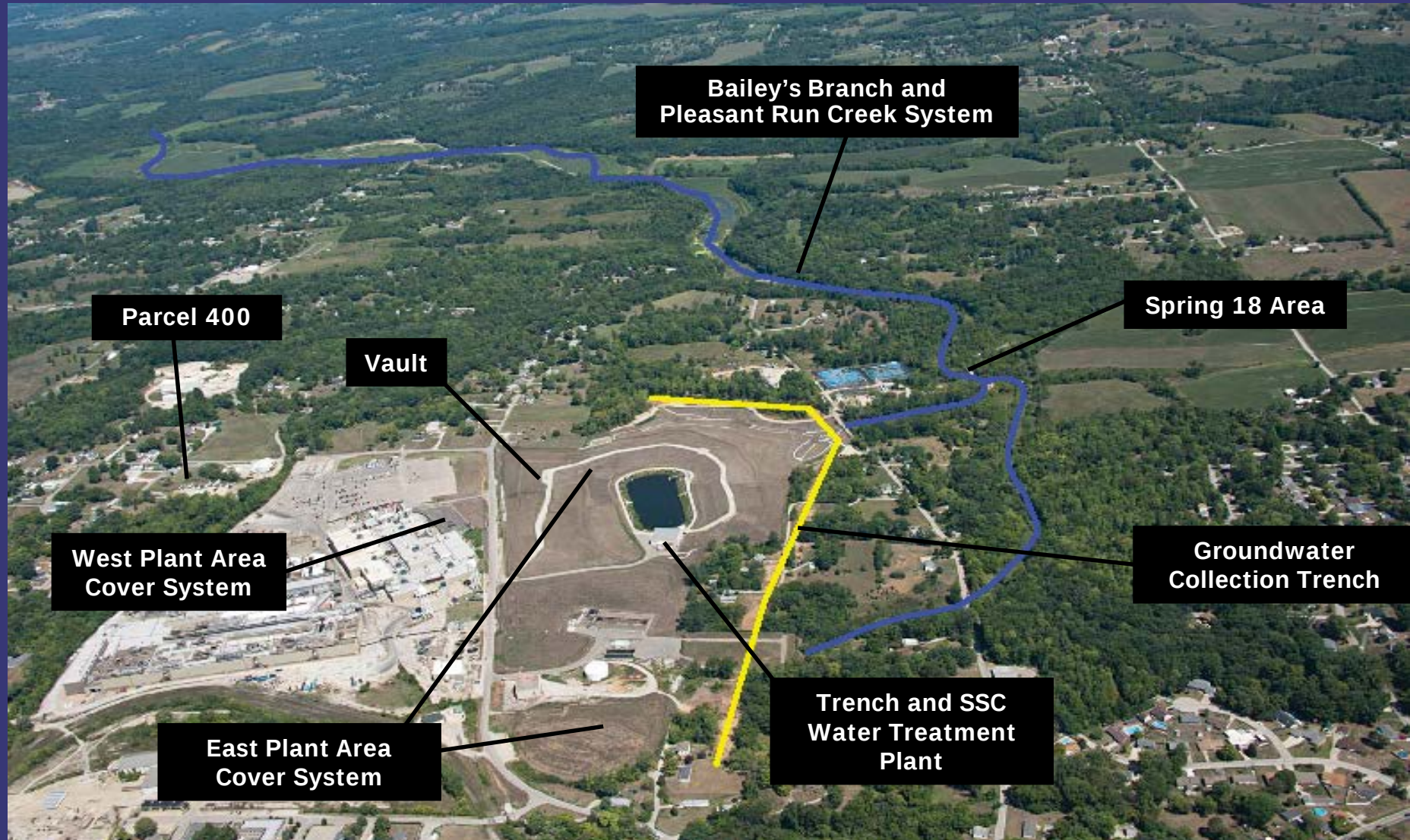
- Facility located on 152.5 acres and is approximately 1,000,000 square feet of manufacturing footprint
- Approximately 450 employees

- 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 creek
 - Removal of floodplain soil to 1.8 ppm and sediment to 1 ppm in the creek (removal is complete)
 - Remedy for large spring on Baileys Branch and monitoring continues
 - Creek and floodplain restoration completed in August 2014



REMOVAL ACTION STATUS

G M C E T 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





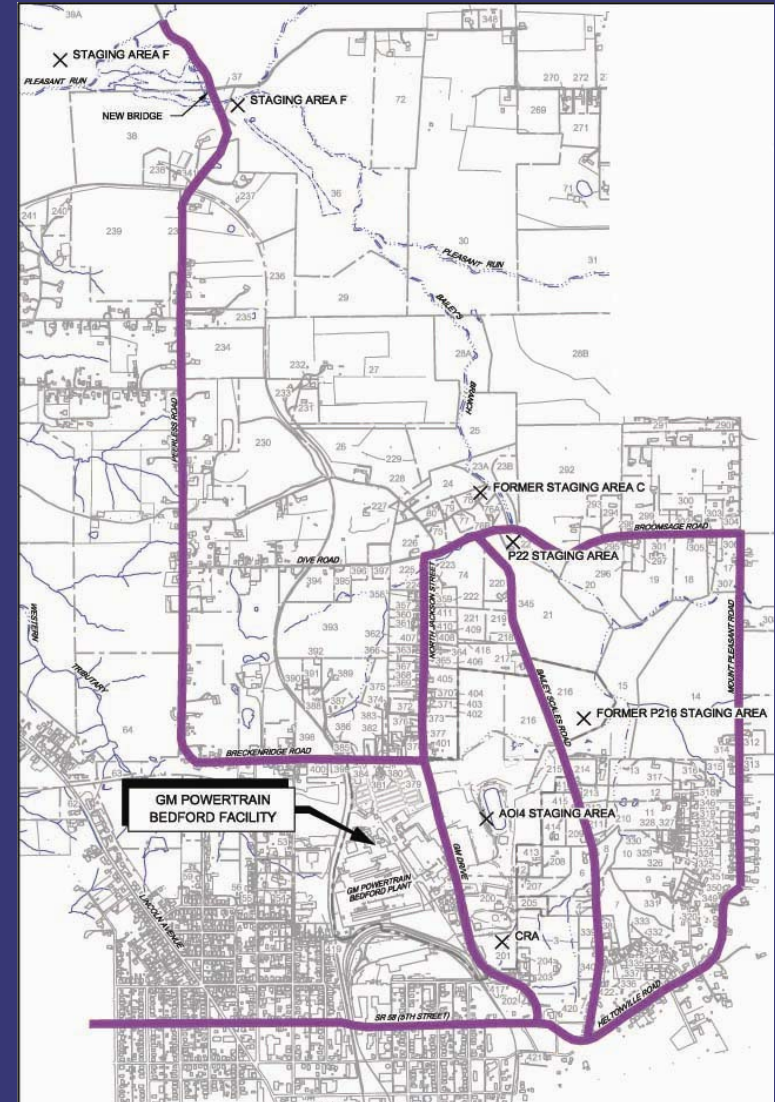
- Spring flooding caused some undercutting of the concrete crossing on Parcel 40
- Reinforced the sidewalls of the crossing with additional concrete



- High stream flow caused some undercutting of the concrete channel
- Also caused concrete cable mat to flip
- Placed additional concrete to reinforce the crossing



- Inspected the former traffic route with County Highway Superintendent
- One issue was identified on the north side of the Peerless Road bridge where it joins the road surface
- Repair has been completed



- Removed sediment accumulation (a result of rain washing over upland soils)
- Improved drainage for Spring 18



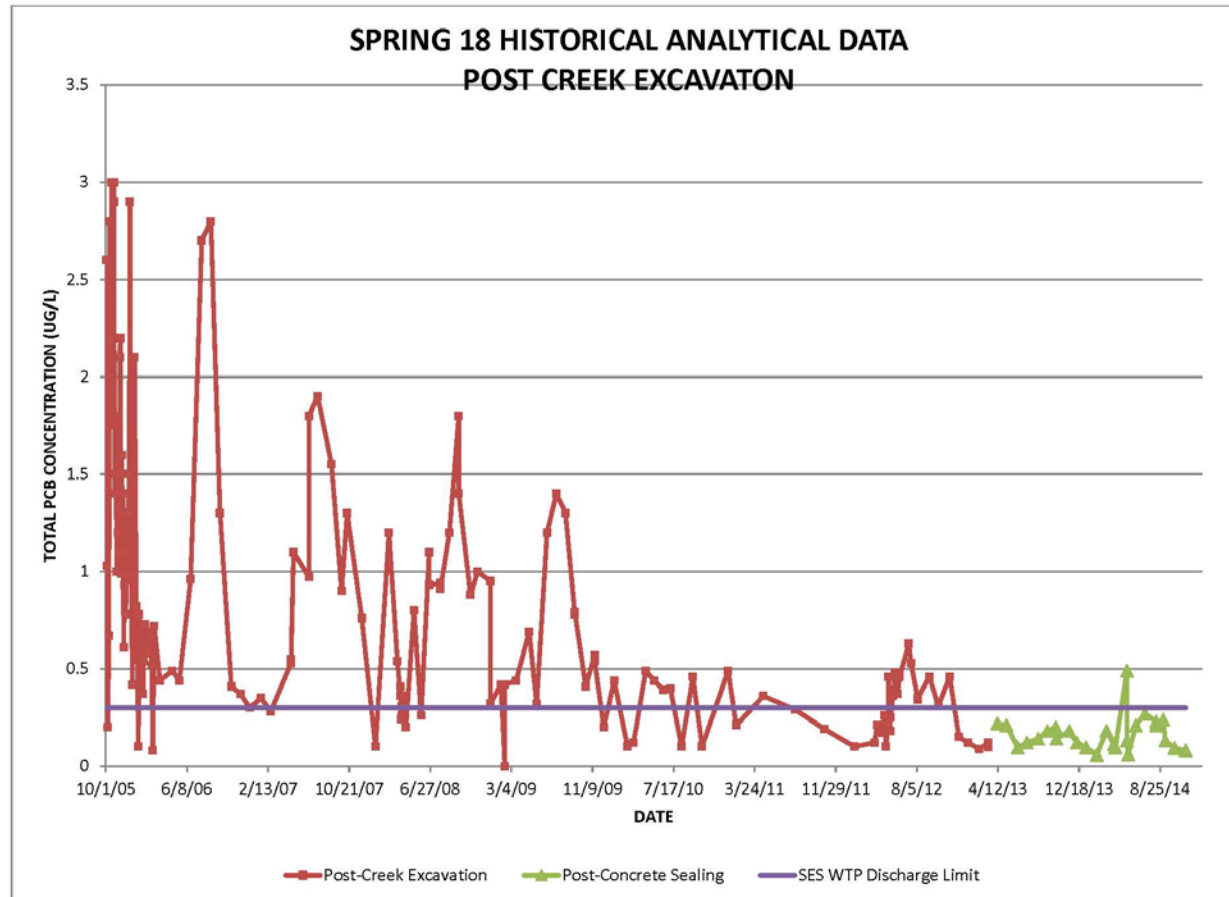


- Submitted Concrete Sealing Construction Certification Report
- U.S.EPA agreed to discontinue collection and treatment of Spring 18 water on June 19, 2013
- Demobilized WTP and modutanks formerly used for treatment of Spring 18 water
- Contingency treatment can be brought in, if needed (established contract with Rain-for-Rent to mobilize a temporary WTP)
- Monthly monitoring continues
- Quarterly opportunistic monitoring continues
- 12-month rolling average = 0.17 ug/L



SPRING 18 REMOVAL ACTION MONITORING

G M C E T 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





CREEK REMEDIATION/RESTOATION STATUS WEST OF BAILEY SCALES ROAD

G M C E T 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





CREEK REMEDIATION/RESTOATION STATUS EAST OF BAILEY SCALES ROAD

G M C E T 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





CREEK REMEDIATION/RESTOATION STATUS PARCEL 22

G M C E T 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





CREEK REMEDATION/RESTORATION STATUS PARCEL 76

G M C E T 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





- RCRA Corrective Action
 - Previously conducted by the old General Motors Corporation in accordance with 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.
 - GM LLC and USEPA entered into an AOC, executed August 4, 2014. The AOC will replace the agreement above, for those areas which GM LLC is responsible.

- Continued to operate SSC system



- Continued to monitor leak detection system and leachate collection systems





- EI CA750 sampling event conducted May 2014 and November 2014
- Wells currently and previously owned by RACER Trust have been removed from the sampling network with agreement from U.S.EPA
- Groundwater elevations appear to be stable under the Cover System





G M C E T 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

UPCOMING ACTIVITIES FOR 2015

- East/West Plant Maintenance
- Vault Operations and Maintenance
- SSC Operation and Maintenance
- EI CA 750 Monitoring
- AOI8 NAPL Extraction Plan
- Surface Soil Sampling
- Pilot Trench Design, Installation and Groundwater Treatment
- Spring 18 Monitoring



EAST/WEST PLANT COVER SYSTEM MAINTENANCE

G M C E T 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

- Monitor cover system
- Possible re-application of herbicide following initial growth of weeds (chemical approved by plant) in the spring



- Continue to monitor leak detection system and leachate collection systems
- Submit Vault Annual Report





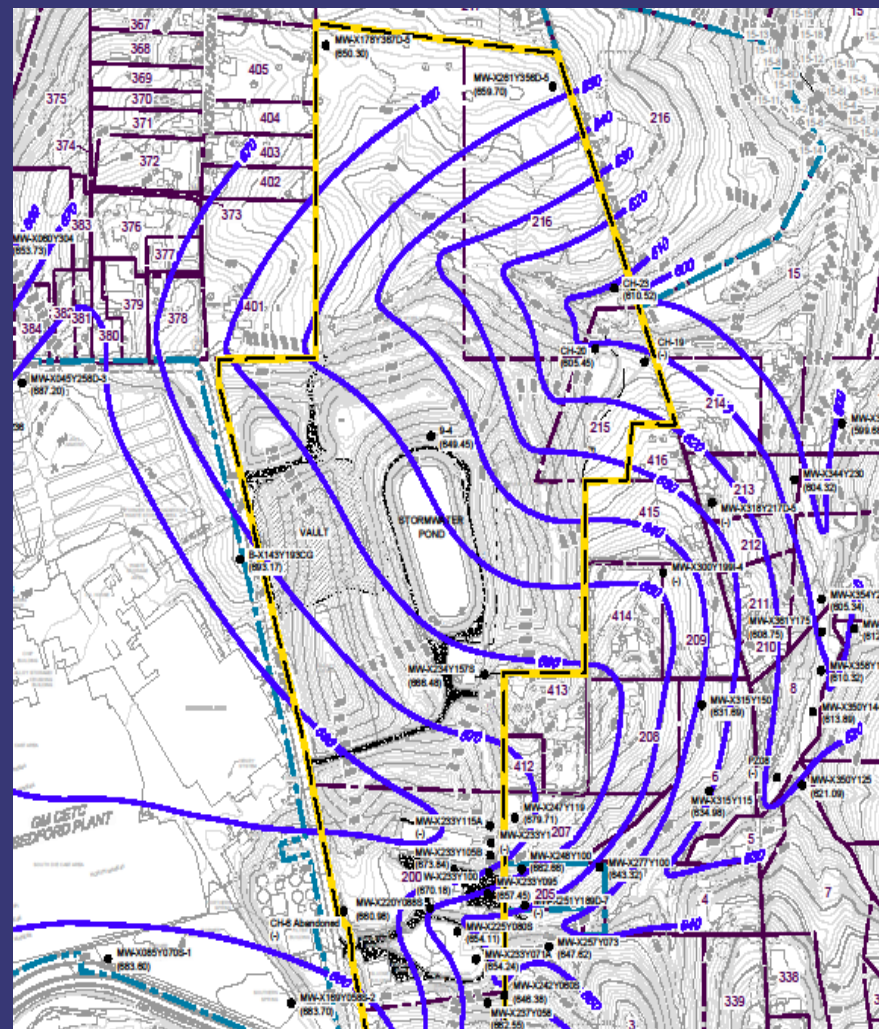
SSC OPERATION AND MAINTENANCE

G M C E T 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

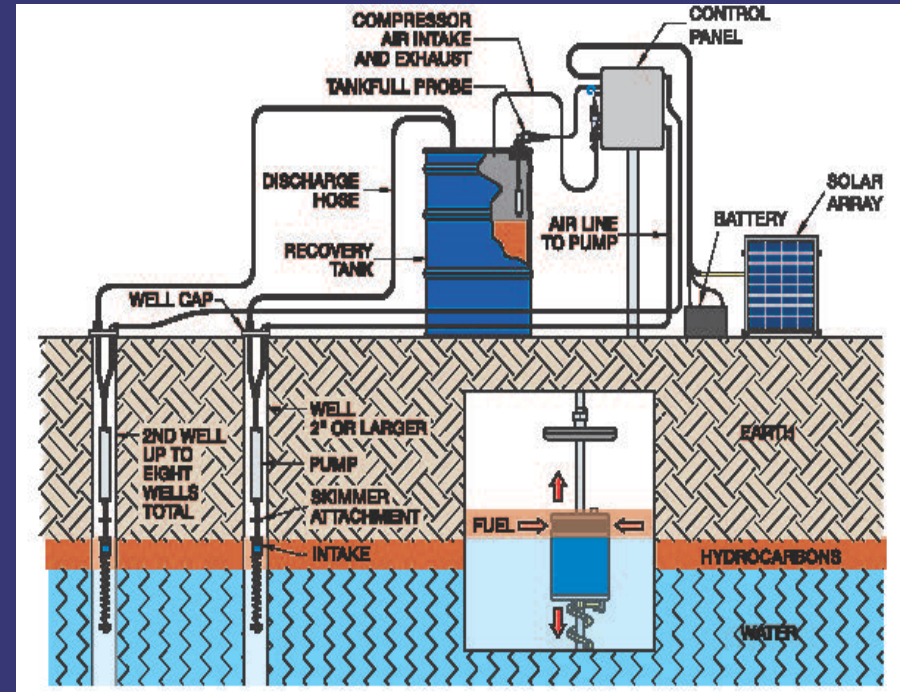
- Continue to operate SSC system
- Continue to treat SSC water and stormwater
- Conduct treatment system maintenance
- Work with GM CET to address/mitigate increased algae in pond



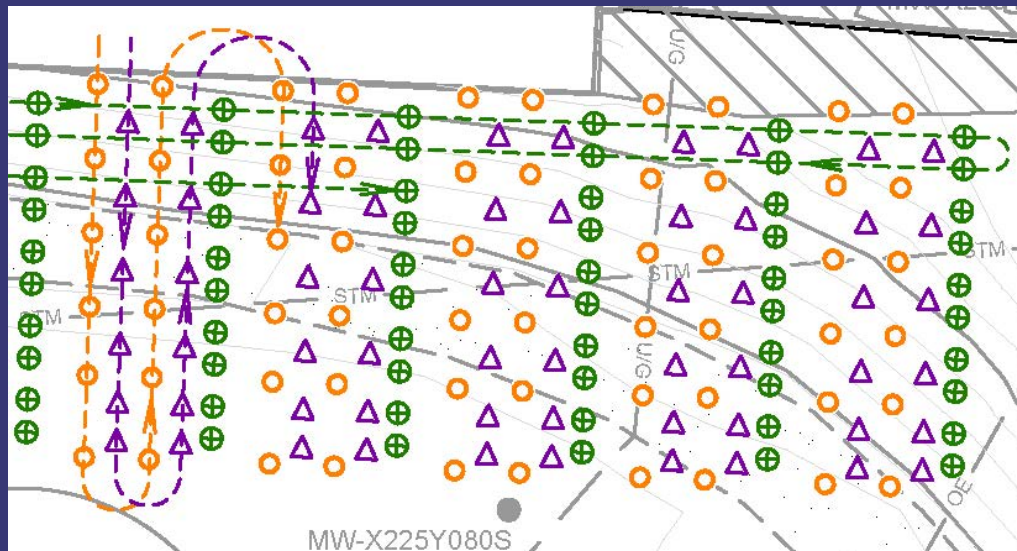
- EI CA750 sampling event conducted bi-annually
- Next sampling events to be conducted in May and November 2015
- Wells currently and previously owned by RACER Trust have been removed from the sampling network
- Groundwater elevations appear to be stable under the Cover System



- Design NAPL recovery system
- Submit AOI8 Work Plan to USEPA
- Implement recovery system following USEPA approval of Work Plan



- As a final sampling effort prior to preparing the Investigation Report, incremental surface soil sampling will be conducted in select areas of the East Plant and West Plant Areas
- Sampling will target areas:
 - Not covered by East/West Plant Cover System
 - Not currently paved with hard surface maintained by Plant
 - Areas more prone to potential worker exposures





PILOT PERIMETER GROUNDWATER TRENCH COLLECTION SYSTEM

G M C E T 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

- Implementation of the Pilot Perimeter Groundwater Trench Construction System once the design is finalized, based on seasonal conditions
 - Construct the pilot perimeter trench
 - Gain experience from completion of pilot trench to facilitate completion of full trench design





EXCAVATE (CUT CAREFULLY) THROUGH EXISTING CAP STRUCTURE WITHIN DETENTION POND INCLUDING HOUSING, UNITS, SECURE IN PLACE LIMIT OF CUTS, FULLY RESTORE CAPPING STRUCTURE UPON COMPLETION OF CONSTRUCTION (TYP.)

EXCAVATE TRENCH IN BEDROCK AND INSTALL GROUNDWATER COLLECTION SYSTEM C/W PERFORATED 8-IN DIA. PIPE AND GRAVEL BACKFILL SEE DETAIL C-08

LIMIT OF PILOT TRENCH APPROX. 500'

DETECTION BASIN 4

DETECTION BASIN 5

LIMIT OF PILOT TRENCH APPROX. 225'

EXCAVATE CAREFULLY AROUND EXISTING UTILITIES, FORCE MAINS, ELECTRICAL CABLES AND STORM SEWER. PROTECT TEMPORARY DURING CONSTRUCTION PROVIDE UNINTERRUPTED SERVICE RESTORE UPON COMPLETION OF CONSTRUCTION (TYP.)

EXCAVATE OVERBURDEN AND CONSTRUCT TRENCHING PLATFORM NEAR TOP OF THE BEDROCK (SEE DRAWING C-05)

TOTAL OVERBURDEN

TOTAL OVERBURDEN

PLAN
SCALE: 1"=60'



- Continue to collect monthly samples from Spring 18 and analyze for PCBs





G M C E T 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

- Community meetings have been held on a regular basis, currently meeting twice/year
 - Meetings will continue to be announced in the Bedford Times Mail
 - Presentations have been and will continue to be posted to the website and the library
 - People can always call Katie Kamm with questions: (812) 277-8954
- A CLP Meeting was held today
- Information from the presentations and meeting minutes are posted to the website



G M C E T 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

- Project website at:
<http://www.BedfordPowertrainCorrectiveAction.com>
- Quarterly Community Meetings are available on the website
- All final approved documents can be found on the project website
- Community Liaison Panel (CLP) – members listed in minutes on website
- Periodic information sessions – next meeting likely to be held in late 2015.
- Periodic Project Fact Sheets (thirty-nine issued to date)
- Project Questions contact Katie Kamm: (812) 277-8954