



GM GPS (formerly Powertrain) Bedford Facility, Bedford, Indiana

Project Fact Sheet 47

This is the forty-seventh Project Fact Sheet that has been prepared to provide the community with information regarding RCRA Corrective Action (CA) activities being performed at the General Motors (GM) Global Propulsion Systems (GPS) Bedford Facility. This Fact Sheet discusses those cleanup activities occurring during the second half of 2018.

Project Background

A RCRA Administrative Order on Consent (AOC) between GM and U.S. EPA to complete the CA work was signed on August 4, 2014.

Facility Update

Within the East Plant Area at the GM Bedford Facility, construction of the Vault and the low permeability cover system was completed in 2012. The Vault and cover system continues to be monitored on a semi-annual basis (last completed in October 2018) and repaired as needed. The spring inspections are conducted in April of each year and the fall inspections are conducted in October of each year.

Installation of a piece of the perimeter trench remedy, the pilot perimeter groundwater trench collection system (Pilot Trench), along the northeast corner of the East Plant Area, was completed in August 2016. Additional monitoring will be occurring as part of a Pilot Trench Monitoring Plan, in accordance with the Pilot Trench Construction Certification Report, which was submitted on June 22, 2018. The Pilot Trench is being monitored to evaluate construction techniques and effectiveness of this section of the trench.

A groundwater treatment plant (GWTP) to support the bedrock trench groundwater collection was completed in March 2016. The GWTP treats groundwater from the Pilot Trench, Vault sumps, and Site Source Control wet wells prior to discharge to Bailey's Branch Creek in compliance with a National Pollution Discharge Elimination System (NPDES) Permit issued by the State of Indiana. Discharge sampling results to date have been within permit limits. The former groundwater treatment system was decommissioned during the second quarter of 2018.

Implementation of the Unsampled Areas Work Plan to conduct statistical sampling of remaining uncovered areas of the Facility was conducted during July 2016 as part of the RCRA Facility Investigation. Results from those sampling activities were submitted in February 2017. The result of the statistical evaluation of replicate samples collected during the incremental sampling plan implementation were submitted on March 28, 2018. Two areas need additional sampling based on these results. This sampling will be conducted during the first half of 2019.

Additional sampling near the clarifiers at GM's IWTP, west of GM Drive was conducted in June 2017. An additional phase of the Clarifier Soil Sampling program consisting of soil samples collected near Former South Lagoon #1, 2,



GROUNDWATER WELL INSTALLED



SOLAR SIPPER



FENCE INSTALLATION



INSTALLED FENCE

and 3 was conducted in August 2017. Additional well installation and sampling will occur in the Clarifier area. This sampling will be conducted during the first half of 2019.

Evidence of recoverable non-aqueous phase liquid (NAPL) (or oil) was observed in bedrock within the AOI-8 area during the initial RCRA Facility Investigation. A system has been put in place to recover this oil. Long term removal of the oil is being accomplished by actively recovering oil from existing wells within that AOI-8 area. The oil from Monitoring Well CH-2A is being removed using an automated solar-powered pump system. The oil from Monitoring Well CH-5 is removed using a passive absorbent sock/cage ensemble lowered into the well. Oil collection began in October 2018. The oil is removed, placed in containers and then disposed of at an appropriate facility off site.

Off-Site Activities Update

Spring 018 continues to be sampled. Beginning in 2018, the spring will be sampled on a semi-annual basis.

Roads Update

There has been no Project related heavy truck activity along Breckenridge and Peerless Roads, as GM previously completed the East Plant Area work and the restoration work on Peerless Road. Current work at the Facility is primarily being accessed by on-Facility haul roads and GM Drive.

Communications Update

The last neighborhood/public meeting was held on the evening of July 18, 2018. The presentation materials for this meeting can be found in the public library and are posted on the GM website at www.BedfordPowertrainCorrectiveAction.com. Community Liaison Panel (CLP) meetings are no longer held separately and are also part of the public meeting.

The Documents Repository is available for viewing in PDF format on compact discs (CDs) at the Bedford Public Library. The online information repository also continues to be updated and maintained on the GM website, which can be accessed at www.BedfordPowertrainCorrectiveAction.com. A list of new project documents, submitted to the online information repository since Fact Sheet 46 is provided on this Fact Sheet, below.

This Fact Sheet has been provided to area residents through the U.S. Postal Service and by direct handout at the field trailers and community meetings.

If you would like to receive this and future Fact Sheets through the mail, please contact Katie Kamm at (812) 277-8954 and you will be added to our mailing list or let Katie know if you no longer wish to receive it.

Upcoming Activities Summary

The following is a list of anticipated work to be initiated or completed at the Facility and property located off-Facility over the next several months:

- Monitoring the vegetative cover systems and erosion controls and maintenance of the Vault and East Plant Area cover systems as required.
- Monitoring Spring 018.
- Collecting groundwater within the East Plant Area, and treatment of collected water at the GWTP prior to discharge to the creek system.
- Collecting NAPL(oil) from the two AOI-8 area wells.
- Continuing groundwater monitoring and sampling activities.
- Collecting follow-up soil samples (grab) from the incremental soil sampling program.
- Conducting the Pilot Trench thermal and dye trace studies and groundwater/spring monitoring.
- Completing the Pilot Trench Construction Certification Report.
- Completing the Stormwater Pond Sediment Removal Construction Certification Report.



STORMWATER POND

Public Access Website at...

www.BedfordPowertrainCorrectiveAction.com

Get up-to-date project information and view project related documents.

The following documents have been submitted to the U.S. EPA and IDEM since Fact Sheet 46 and are available for review on the website and at the Public Library.

- Progress Report 68 – First Quarter 2018
- Progress Report 69 – Second Quarter 2018
- Public Presentation- July 18, 2018

Public Presentation
December 6, 2017

Contact Information

If you would like more information about this project, please contact any of the following:

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