



ANNUAL COMPLIANCE REPORT

EAST PLANT AREA VAULT

CALENDAR YEARS 2006, 2007, AND 2008

GM POWERTRAIN - BEDFORD FACILITY

105 GM DRIVE

BEDFORD, INDIANA

EPA ID# IND006036099

Prepared For:

General Motors Corporation

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LIST OF TERMS AND ACRONYMS

≥	Greater than or equal to
<	Less than
AAQMP	Ambient Air Quality Monitoring Plan
AOI	Area of Interest
Approvals	U.S. EPA and IDEM PCB Risk-Based Disposal Approvals
CA	Corrective Action
CFR	Code of Federal Regulations
CRA	Conestoga-Rovers & Associates, Inc.
cy	Cubic yard
Facility	GM Powertrain Bedford Facility in Bedford, Indiana
GM	General Motors Corporation
HASP	Health and Safety Plan
IDEM	Indiana Department of Environmental Management
IM	Interim Measure
LCS	Leachate Collection System
LDS	Leak Detection System
mg/kg	milligram-per-kilogram
mg/L	milligram-per-liter
ND	Not detected
NPDES	National Pollutant Discharge Elimination System
PCB	Polychlorinated biphenyl
ppm	part per million
QAPP	Quality Assurance Project Plan
RA	Removal Action
RCRA	Resource Conservation and Recovery Act
Report	East Plant Area Vault Annual Compliance Report Covering the Calendar Years of 2006, 2007, and 2008
RFI	RCRA Facility Investigation
SES	Sevenson Environmental Services, Inc.
Site	GM Powertrain Bedford Facility in Bedford, Indiana
SSC	Site Source Control
TSCA	Toxic Substance Controls Act
TSP	Total suspended particulate
µg/L	Microgram per liter
U.S. EPA	United States Environmental Protection Agency
Vault	East Plant Area Vault
VOCs	Volatile organic compounds
West Plant Area	GM property west of GM Drive
WTP	Water Treatment Plant

1.0 INTRODUCTION

This Annual Compliance Report (Report) summarizes data from calendar years of 2006, 2007, and 2008 for the Toxic Substances Control Act (TSCA) landfill vault (Vault), located in the East Plant Area of the General Motors Corporation (GM) Powertrain Bedford Plant (Facility or Site), in Lawrence County, Bedford, Indiana. This Report has been prepared by Conestoga-Rovers & Associates, Inc. (CRA) on behalf of GM in accordance with Condition 27 of the Conditions of Approval, presented in both the Risk-Based Polychlorinated Biphenyl (PCB) Disposal Approval and the TSCA Approval to Dispose PCBs (Approvals) issued by the Indiana Department of Environmental Management (IDEM) and United States Environmental Protection Agency (U.S. EPA), respectively, on October 26, 2006, for the Vault. The Vault is part of the cleanup activities at the Facility. The Approvals (attached as Appendix A) became effective on October 26, 2006, and were issued pursuant to 40 Code of Federal Regulations (CFR) § 761.61 (c) for the disposal of PCB contaminated waste in the Vault. The Vault was constructed as a component of the East Plant Area Interim Measure (IM) during Resource Conservation and Recovery Act (RCRA) Corrective Action (CA) activities being conducted under the Performance-Based CA Agreement (effective March 20, 2001, and amended October 1, 2002, March 29, 2007, and May 9, 2008) between U.S. EPA and GM for the Facility.

The next Annual Compliance Report for the East Plant Area Vault, covering the calendar year of 2009, will be submitted on or before July 15, 2010.

1.1 PURPOSE AND ORGANIZATION OF REPORT

This Report presents the requirements for current annual reporting in compliance with the conditions of the Approvals by U.S. EPA and IDEM for the disposal of PCBs in the Vault.

This Report is organized as follows:

Section 2.0 - Summary of Record Keeping Log

This section provides a summary of the daily waste information, quantity of liquid collected from the leachate collection system (LCS), leak detection system (LDS), and the underdrain system, water elevation in the underdrain and over the primary liner, and the amount of water treated in the water treatment facility.

Section 3.0 – Analytical Results

This section provides all analytical results from the monitoring of the air, groundwater, LCS, LDS, underdrain, and the water treatment facility.

Section 4.0 – Leachate and Leak Detection Water Disposal

This section provides details related to the volume, PCB concentration and disposal destination for leachate and leak detection water with a PCB concentration equal or greater than ($\geq$) 1 part per million (ppm).

Section 5.0 – Summary of Water Elevation

This section provides a summary of the water elevation over the primary liner and in the underdrain system.

Section 6.0 – Spill Cleanup Reports

This section identifies any PCB spill cleanups that occurred outside of the Exclusion Zone established in accordance with the Site Health and Safety Plan (HASp).

Section 7.0 – Financial Assurance

This section discusses the upcoming financial assurance for the Vault.

Section 8.0 – References

This section presents references cited in this Report.

2.0 SUMMARY OF RECORD KEEPING LOG

The following information is recorded as required by Condition 25 of the Conditions of Approval:

- a) Daily waste information
 - i) Identification of the source of excavated material
 - ii) Estimated quantity of material excavated and placed in the Vault
- b) The quantity of liquid collected from the LCS
- c) The quantity of liquid collected from the LDS
- d) The quantity of liquid collected from the underdrain
- e) The water elevation in the underdrain and over the primary liner
- f) The amount of water (liquid) treated in the water treatment facility and the PCB concentration (if known)

2.1 DAILY WASTE INFORMATION SUMMARY

The following presents a summary of approvals for disposal of materials in the Vault:

- May 4, 2006 - Verbal approval received during on-Site meeting with U.S. EPA to commence placement of materials in Vault
- May 19, 2006 - Placement of material in Vault commences
- October 26, 2006 - Written approval for Vault disposal of ≥ 50 mg/kg PCB material from the East Plant Area and the Northern Tributary fill excavation received from U.S. EPA and IDEM
- April 12, 2007 - Requested approval to dispose approximately 20 cy of sediment, generated from construction and dewatering activities associated with the installation of a 48-inch gravity sewer pipe within the East Plant Area (AOI 8)
- May 9, 2007 - Approval to dispose of sediment materials from sewer construction received from U.S.EPA
- October 5, 2007 - Initial request for approval to dispose additional ≥ 50 mg/kg PCB materials from the West Plant IM into the Vault
- December 12, 2007 - Request of Amendment 40 CFR 761.61 (c) Approval - West Plant Area Soil Source Removal Work Plan was submitted

- April 15, 2008 - Modification of the Vault approval to dispose of materials excavated from the West Plant Area in the Vault was granted by U.S. EPA. IDEM approval was granted on April 28, 2008
- May 20, 2008 - Requested clarification for the Vault capacity specified in the approval
- August 15, 2008 - Clarification/modification to the Vault approval to dispose 135,462 cubic yards (cy) of ≥ 50 mg/kg PCB materials was granted by U.S. EPA. IDEM approval was granted on July 7, 2008
- September 27, 2008 - Placement of ≥ 50 mg/kg material in Vault completed

The initial October 26, 2006 approvals from U.S. EPA and IDEM are in Appendix A. Copies of modification approvals are presented in Appendices B.1, B.2, B.3, B.4, and B.5

There were two temporary stoppages during the Vault filling. Between November 21, 2006 and July 25, 2007, the placement of waste material in the Vault was temporarily halted during the seasonally challenging months. Placement of ≥ 50 mg/kg PCB material removed from prescribed areas within the Northern Tributary and sediment from AOI 8 resumed on July 25, 2007 and continued until October 19, 2007. The second stoppage occurred between October 19, 2007 and May 21, 2008 during the review period of requests to dispose West Plant Area ≥ 50 mg/kg materials and for the seasonal winter shutdown. Placement resumed on May 21, 2008 and was concluded on September 27, 2008. When scheduling conflicts did not allow the completed removal of the ≥ 50 mg/kg soils in the West Plant in time for the needed completion of Vault filling, approximately 1,040 cy of additional less than ($<$) 50 mg/kg PCBs material from the West Plant Area excavations was also placed in the Vault to bring the Vault subgrade materials to the design elevation. This completion date was required in order to ensure the contractors did not interfere with one another.

The total volume calculated based on pre- and post-filling surveys was 134,667 cy (an estimated 127,600 cy based on the daily waste summaries). Placement of all the ≥ 50 mg/kg PCB material was completed prior to the winter 2008-2009 shutdown. A summary of the daily waste information for all PCB material placed in the Vault for calendar years 2006 through 2008 is presented in Table 2.1.

2.2 SUMMARY OF LCS, LDS, AND UNDERDRAIN SYSTEM LOGS

The water level in the LCS, LDS, and underdrain system has been monitored on a daily basis since the start of operation commencing on August 30, 2006; with the exception that water levels were not recorded on Sundays or holidays, unless a precipitation event had occurred within 24 hours, and with some additional exceptions due to weather,

access limitations, or equipment malfunctions. Summaries of the daily water levels for the LCS, LDS, and underdrain system are presented in Tables 2.2, 2.3, and 2.4, respectively. A summary of the maximum water elevation in each of the systems for each month, from the start of operation until December 2008 is presented in Table 2.5.

2.3 SUMMARY OF WATER TREATED IN THE WATER TREATMENT FACILITY

Water generated from the Vault activities was collected and transferred via pipeline to the on-Site Severson Environmental Services, Inc. (SES) temporary construction water treatment plant (WTP) prior to discharge to the creek, until December 31, 2008. As of December 31, 2008, water removed from the Vault sumps has been re-directed by permanent forcemain to the Site Source Control (SSC) WTP for treatment. Vault water is directed to the equalization (EQ) tank where it mixes with water from three wet well groundwater collection systems prior to treatment. Water generated from the Vault activities include:

- a) Water generated from decontamination of equipment and other materials
- b) Precipitation contacting waste material at the Vault
- c) Water removed from the LCS and/or LDS
- d) Water removed from the underdrain system

3.0 ANALYTICAL RESULTS

All sampling and analysis was performed in accordance with the Quality Assurance Project Plan (QAPP) Addendum No. 2 (CRA, July 19, 2006) for the RCRA CA Work Plans and IMs, and the Removal Action (RA) Work Plans.

3.1 AIR MONITORING ANALYTICAL RESULTS

While the Vault was accepting PCB contaminated material, total suspended particulate (TSP) and high volume PCB air monitoring was conducted daily (during working days), at seven locations around the perimeter of the East Plant Area, in accordance with the report titled Design Report, Over 50 mg/kg PCB Soil Removal, East Plant Area (CRA, 2006), the Ambient Air Quality Monitoring Plan (AAQMP) (CRA, 2004), and AAQMP amendments (CRA, March 9, 2006; January 9, 2007; February 1, 2007, and October 29, 2008).

On January 22, 2007, a modified program was initiated (CRA, January 9 and February 1, 2007), with U.S. EPA approval, which involved conducting daily TSP monitoring at five locations in the East Plant Area with the downwind location(s) being submitted for analysis at the end of each workday. PCB monitoring was also reduced to five locations for three days a week, with the downwind location(s) being submitted for analysis at the end of each of the three workdays.

Following approval to dispose material excavated from Parcel 201 and from a portion of the West Plant Area into the Vault, additional monitoring stations were added to the air monitoring program. High-volume TSP sampling was conducted daily for the duration of the Parcel 201 and West Plant Area construction work. In addition, high-volume PCB samples were collected daily during the ≥ 50 mg/kg PCB soil excavation and for the first two weeks of soil placement construction work. All samples were collected in accordance with the approved AAQMP and approved addenda for the East Plant Area.

All of the East Plant Area air monitoring locations, including those stations added to monitor the Parcel 201 and West Plant Area work are presented on Figure 3.1. The monitoring results for these locations for PCB and TSP samples are presented in Tables 3.1 and 3.2, respectively.

Air monitoring continued until termination of the program on October 7, 2008, as approved by U.S. EPA. The program was terminated because the Vault had been covered with the initial clean clay layer and there was no further handling or exposure

of ≥ 50 mg/kg PCB soils to the air, thereby limiting PCB air emissions. No further monitoring for PCB emissions was required due to favorable monitoring results for PCBs. For the remainder of 2008, the on-Site contractors continued to use real-time monitoring for their employees. Dust mitigation practices were applied based on these results and were also managed visually. As the East Plant Cover System nears completion, TSP conditions will continue to be monitored during construction activities, based on the contractor's real-time monitoring.

3.2 GROUNDWATER MONITORING ANALYTICAL RESULTS

Groundwater sampling proximate to the Vault has been conducted under separate programs for the RCRA Facility Investigation (RFI). Sampling at the perimeter of the Site is currently conducted under the CA750 on a semi-annual basis. The analytical results for groundwater samples collected in the vicinity of the Vault are presented in Table 3.3. Groundwater sampling locations are presented on Figure 3.2.

3.3 LEACHATE AND LEAK DETECTION WATER MONITORING ANALYTICAL RESULTS

While the Vault was open and receiving PCB contaminated material, water from the LCS and LDS was sampled monthly for PCBs before being sent to the water treatment facility. All analytical data for samples collected from the LCS and LDS between August 2006 and December 2008 are presented in Tables 3.4 and 3.5, respectively. The LCS samples were analyzed for volatile organic compounds (VOCs) and PCBs, while LDS samples were only analyzed for PCBs. No samples collected from the LCS and LDS exhibited results with PCB concentrations ≥ 1 milligram-per-liter (mg/L), therefore there was no TSCA material to report as required by the October 26, 2006 approval. All LCS and LDS water was treated in the SES temporary construction WTP.

It should be noted that the concentrations of PCBs in the LCS water decreased significantly during the first year of sample collection. Over the period between September 28, 2006 and September 24, 2007, the concentration of PCBs decreased by more than one order of magnitude from 590 micrograms per liter ($\mu\text{g/L}$) to 11 $\mu\text{g/L}$. Concentrations detected over the last quarter of 2007 and throughout 2008 remained low and relatively constant (between not-detect (ND) and 9.8 $\mu\text{g/L}$).

The average concentration of PCBs in the LDS remained relatively constant in terms of yearly average concentrations. The concentration of PCBs in the LDS water between

August and December 2006 ranged between 40 µg/L and ND, with an average concentration of 8.6 µg/L. The detections of PCBs during this period are believed to be a result of water from the Vault underdrain system entering the LDS via the LDS manhole due to incorrectly set valves in the discharge line and due to leakage through joints in the manhole. From January to December 2007, the concentration of PCBs ranged from 18.5 µg/L and ND, with an average concentration 3.5 µg/L. The decrease in concentration from the 2006 results is due to the Phase II rehabilitation activities conducted on the LDS, which commenced on January 23, 2007 and continued through June 5, 2007. During this rehabilitation phase, the LDS system was flushed with potable water to the same elevation reached by the impacted water (to prevent movement of residual PCBs further into the LDS) and the sump pumped until dry. Between January and December 2008, the concentration of PCBs in the LDS water ranged between 13.4 µg/L and ND, with an average concentration of 0.28 µg/L, an order of magnitude decrease from the 2007 average.

3.4 UNDERDRAIN ANALYTICAL RESULTS

There were no samples collected from the underdrain system in 2006, 2007, or 2008. Perforated drain pipes beneath the base of the Vault collect bedrock groundwater beneath the Vault and direct it to a sump located outside the Vault footprint (north side). All groundwater collected in the underdrain sump was directed for treatment at the SES temporary construction WTP on Parcel 216. There have not been conditions at the LCS or LDS warranting sampling of the underdrain system. Analytical results for samples collected from the SES temporary construction WTP are discussed in the following section.

3.5 WATER TREATMENT FACILITY ANALYTICAL RESULTS

Water was removed from the LCS, LDS, and underdrain system sumps and transferred via pipeline to the SES modutanks for treatment since the start of the Vault operations in August 2006. The Vault water treated in the SES system was combined with several sources since the settling tanks also contained water from the construction activities and Spring 018. Results for the SES WTP influent and effluent are presented in Table 3.6.

As of December 31, 2008 water removed from the Vault sumps has been directed by permanent forcemain to the SSC WTP for treatment. The effluent from the SSC WTP is sampled monthly under the National Pollutant Discharge Elimination System (NPDES) permit (NPDES Permit No. IN0003573) to discharge at Outfall 003 and data is reported

June 24, 2009

according to the permit. The analytical results for monthly samples collected from the SSC WTP effluent will be included in the next Annual Compliance Report for the Vault covering the calendar year of 2009.

4.0 LEACHATE AND LEAK DETECTION WATER DISPOSAL

There were no analytical results with ≥ 1 mg/L PCBs for water samples collected from the leachate collection and leak detection systems during the calendar years 2006 through 2008. All leachate and leak detection water was treated in the SES WTP.

5.0 SUMMARY OF WATER ELEVATIONS

The level of water in the underdrain system and the level of water over the primary liner have been monitored daily since the start of the system operation. Any accumulation of water beyond one foot has been removed for treatment at the maximum achievable removal rate until the level in the underdrain and above the primary liner was reduced below one foot. Accumulated water is currently discharged for treatment to the on-Site SSC WTP as required in the October 26, 2006 Approval. As described in Section 2.2, a summary of the water elevation in the underdrain system and above the primary liner is presented in Tables 2.4 and 2.3, respectively. Summaries of the maximum monthly water elevations are presented in Table 2.5.

The monthly maximum water elevation in the LDS generally occurred following and/or during a rain event, and after a Sunday or holiday when no pumping occurred. High water elevations (water levels above one foot) also occurred for a number of days after which no pumping occurred due to specific instructions to the contractor on September 13, 2007 to temporarily not pump the LDS sump unless there was more than 2 feet of water in the sump to observe the sump response. Pumping was later reinitiated and the depth was lowered to below one foot.

The maximum water elevation in the underdrain system occurred following and/or during a rain event, after a Sunday or holiday when no pumping occurred, or following other days when the underdrain sump was not pumped.

The pumps in the underdrain system have been running continuously since January 2, 2007, with the exception of shutdowns for placement of additional risers in the sump, and to work on effluent lines to the modutanks. Continuous pumping of the underdrain system has ensured the water level in the underdrain sump has not exceeded one foot, excluding a few isolated cases where the maximum removal rate of the pump could not maintain the desirable water level during heavy rainfall events, during pump shutdown to work on pipes, or when the pumping lines were frozen.

6.0 SPILL CLEANUP REPORTS

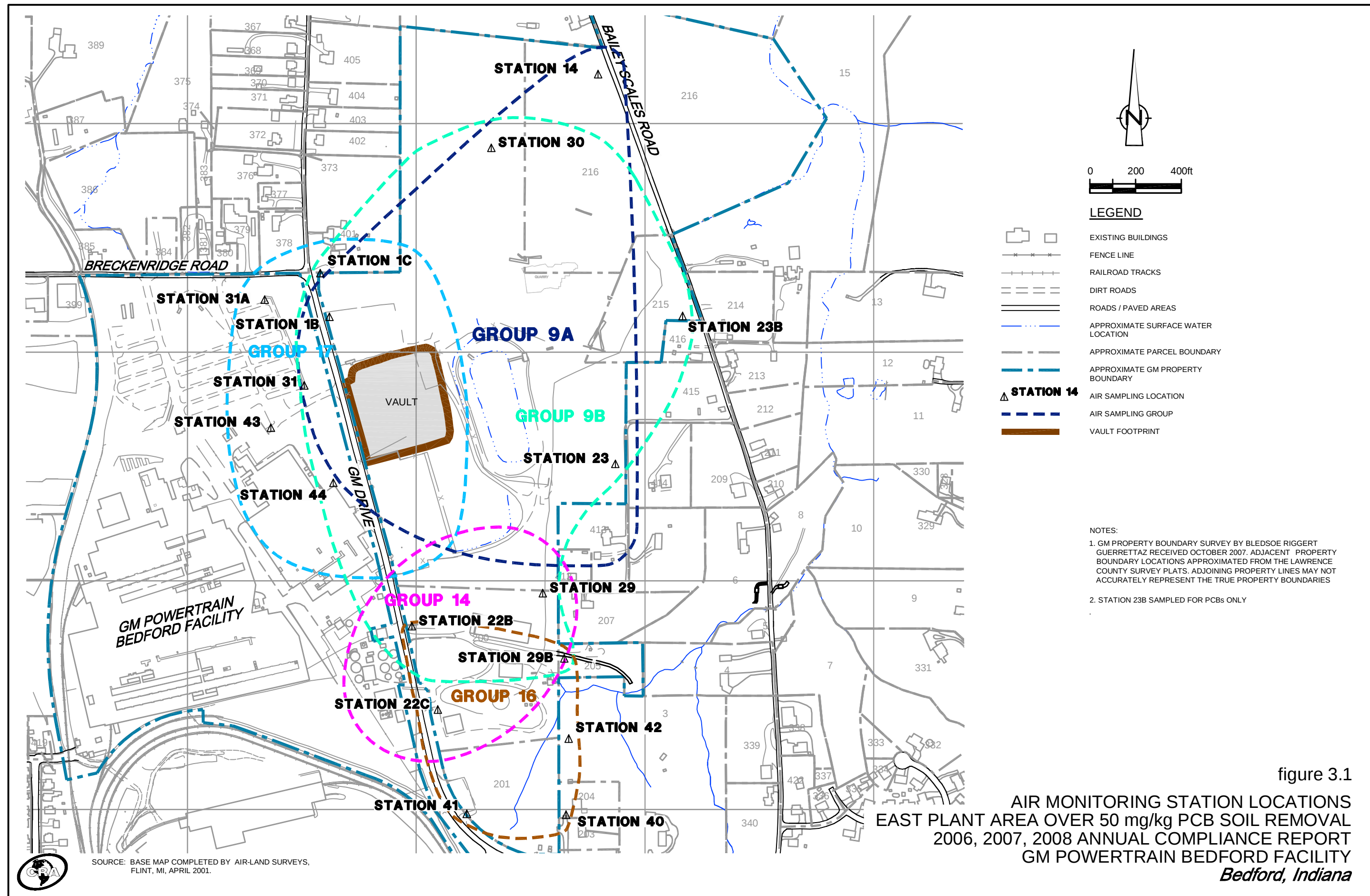
There were no on-Site PCB spills that occurred outside of the Exclusion Zone that was established in accordance with the Site HASP (CRA, 2008). Additionally, there were no spills on public roads.

7.0 FINANCIAL ASSURANCE

Remedial construction of the IMs for the Vault are continuing at the Site. The Approvals establish that, "The financial assurance mechanism can be part of the financial assurance mechanism developed for the East Plant Area or the final Corrective Measures". GM continues to elect to obtain the FA mechanism for the Vault as part of the FA for the final Corrective Measures for the Facility. Upon construction completion of the Corrective Measures for the Site, Financial Assurance will be established for all operation, maintenance, and monitoring activities.

8.0 REFERENCES

- CRA, Ambient Air Quality Monitoring Plan (AAQMP), May 2004.
- CRA, Design Report, Over 50 mg/kg PCB Soil Removal, East Plant Area, May 2006.
- CRA, Modification Request to the Ambient Air Quality Monitoring Plan (AAQMP), correspondence on October 29, 2008.
- CRA, Proposed Modifications to East Plant Area Air Monitoring Program, February 1, 2007.
- CRA, Proposed Modification to the Ambient Air Quality Monitoring Plan (AAQMP), correspondence on March 9, 2006.
- CRA, Quality Assurance Project Plan (QAPP) Resource Conservation and Recovery Act (RCRA) Facility Investigation and Removal Action Work Plan: Addendum No. 2, July 2006.
- CRA, Revised Request for East Plant Area AAQMP Modifications, correspondence on January 9, 2007.
- CRA, Proposed Modifications to East Plant Area Air Monitoring Program Memo, February 1, 2007.
- CRA, Consolidated GM Bedford Health and Safety Plan (HASP), August 2008.
- CRA, Vault Development Plan, East Plant Area Interim Measure, February 28, 2006.



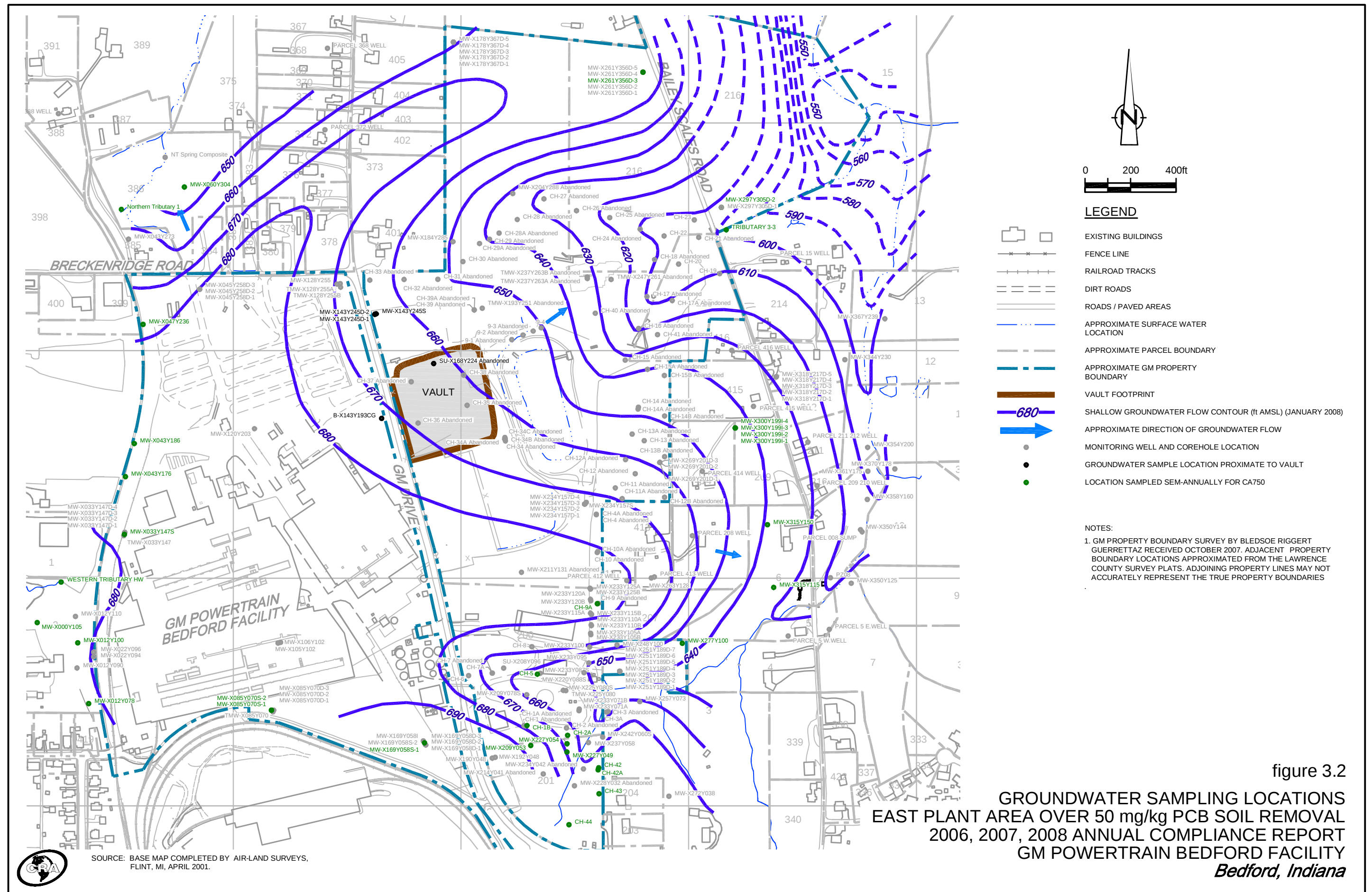


TABLE 2.1
SUMMARY OF VAULT DAILY WASTE INFORMATION
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Estimated Quantity of Material Excavated/Placed (cy)</i>	<i>Source of Excavated Material *</i>	<i>Remarks</i>
05/19/06	987	AOI 4 Stockpile, East End	
05/20/06	0		No >50 excavations performed
05/21/06	0		Sunday (no work)
05/22/06	1,780	AOI 4 Stockpile, East End	
05/23/06	1,688	AOI 4 Stockpile, Center	
05/24/06	1,868	AOI 4 Stockpile, West End	
05/25/06	1,069	AOI 4 Stockpile, Berms	
05/26/06	235	AOI 4 Stockpile, Berms	
05/27/06	0		No East Plant Work performed
05/28/06	0		Sunday (no work)
05/29/06	0		No East Plant Work performed
05/30/06	1,057	Exc. Area #1 GA-4 South End and East Face	
05/31/06	1,210	GA-4 West and North Ends	
06/01/06	2,145	Exc. Area #2 725' - 720', 720' - 715' South End, & 715' - 710'	
06/02/06	1,573	Exc. Area #2 725' - 720', 720' - 715', & 715' - 710'	
06/03/06	1,606	Exc. Area #2 725' - 720', 720' - 715', & 715' - 710'	
06/04/06	0		Sunday (no work)
06/05/06	2,134	Exc. Area #2 725' - 720', NE 720' - 715', & Center 715' - 710'	
06/06/06	2,090	Exc. Area #2 West End 715' - 710', Center 715' - 720', & 725' - 720' Zipp Lot 695' - 690'	
06/07/06	1,100	Exc. Area #2 725' - 720', 720' - 715', Center 715' - 710', & Exc. Area #1 SW 695' - 690'	
06/08/06	1,969	Exc. Area #1 NW 695' - 690' & Exc. Area #2 Finger West, 725' - 720', 720' - 715', E Center 715' - 710'	
06/09/06	1,166	Exc. Area #1 695' - 690' & Exc. Area #2 725' - 720', 720' - 715', & 715' - 710'	
06/10/06	1,683	Exc. Area #1 690' - 685' & Exc. Area #2 725' - 720', 720' - 715', & 715' - 710'	
06/11/06	0		Sunday (no work)
06/12/06	1,177	Exc. Area #2 SE 715'-710' & Exc. Area #1 685'-680'	
06/13/06	3,338	Exc. Area #2 SE 715'-710' & Exc. Area #1 685'-680'	
06/14/06	88	Exc. Area #2 715' - 710'	
06/15/06	0		No >50 excavations performed
06/16/06	946	Exc. Area #2 715 - 710'	
06/17/06	990	Exc. Area #2 NE 715' - 710'	
06/18/06	0		Sunday (no work)
06/19/06	0		No excavation due to weather
06/20/06	1,050	Exc. Area #2 715' - 710'	
06/21/06	1,100	Exc. Area #2 NW 715' - 710'	
06/22/06	500	Exc. Area #2 715' - 710'	
06/23/06	1,090	Exc. Area #2 North End 710' - 705'	
06/24/06	1,045	Exc. Area #2 North End 710' - 705'	
06/25/06	0		Sunday (no work)
06/26/06	980	Exc. Area #2 710' - 705'	
06/27/06	0		No >50 excavations performed
06/28/06	1,200	Exc. Area #2 705' - 700'	
06/29/06	1,300	Exc. Area #2 705' - 700'	
06/30/06	900	Exc. Area #2 705' - 700'	
07/01/06	0		4th Of July Holiday Weekend
07/02/06	0		4th Of July Holiday Weekend
07/03/06	0		4th Of July Holiday Weekend
07/04/06	0		4th Of July Holiday Weekend
07/05/06	780	Exc. Area #2 700' - 695'	
07/06/06	1,400	Exc. Area #2 700' - 695'	
07/07/06	1,375	Exc. Area #2 700' - 695'	
07/08/06	1,400	Exc. Area #2 700' - 695'	
07/09/06	0		Sunday (no work)
07/10/06	1,650	Exc. Area #2 SE 720' - 715'	
07/11/06	0		No excavation due to weather
07/12/06	0		No excavation due to weather
07/13/06	0		No excavation due to weather
07/14/06	0		No excavation due to weather
07/15/06	0		No excavation due to weather
07/16/06	0		Sunday (no work)
07/17/06	1,364	Exc. Area #2 715' - 710'	
07/18/06	1,200	Exc. Area #2 715' - 710'	

TABLE 2.1
SUMMARY OF VAULT DAILY WASTE INFORMATION
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Estimated Quantity of Material Excavated/Placed (cy)</i>	<i>Source of Excavated Material *</i>	<i>Remarks</i>
07/19/06	800	Exc. Area #2 715' - 710' & 695' - 690'	
07/20/06	600	Exc. Area #2 690' - 685'	
07/21/06	1,100	Exc. Area #2 690' - 685' & 710' - 705'	
07/22/06	1,700	Exc. Area #2 710' - 705'	
07/23/06	0		Sunday (no work)
07/24/06	2,100	Exc. Area #2 710' - 705'	
07/25/06	2,050	Exc. Area #2 710' - 705'	
07/26/06	1,420	Exc. Area #2 710' - 705' & 685' - 680'	
07/27/06	0		No excavation due to weather
07/28/06	1,100	Exc. Area #2 685' - 680'	
07/29/06	900	Exc. Area #2 685' - 680'	
07/30/06	0		Sunday (no work)
07/31/06	2,000	Exc. Area #2 705' - 700'	
08/01/06	1,200	Exc. Area #2 705' - 700'	
08/02/06	1,200	Exc. Area #2 705' - 700' & 700' - 695'	
08/03/06	1,350	Exc. Area #2 700' - 695'	
08/04/06	1,400	Exc. Area #2 700' - 695'	
08/05/06	950	Exc. Area #1 690' - 685' & Exc. Area #2 700' - 695'	
08/06/06	0		Sunday (no work)
08/07/06	800	Exc. Area #1 630' - 625'	
08/08/06	250	Exc. Area #1 625' - 620'	
08/09/06	100	Exc. Area #1 675' - 670', 670' - 665'	
08/10/06	0		No >50 excavations performed
08/11/06	225	Exc. Area #1 635' - 630'	
08/12/06	1,100	Exc. Area #1 635' - 630', 630' - 625', & 680' - 675'	
08/13/06	0		Sunday (no work)
08/14/06	700	Exc. Area #1 680' - 675', 670' - 665', 620' - 615', & 630' - 625',	
08/15/06	250	Exc. Area #1 South Dig 630' - 625'	
08/16/06	350	Exc. Area #1 625' - 620'	
08/17/06	2,100	Exc. Area #1 680' - 675'	
08/18/06	2,000	Exc. Area #1 680' - 675'	
08/19/06	1,500	Exc. Area #1 680' - 675' & 675' - 670'	
08/20/06	0		Sunday (no work)
08/21/06	1,400	Exc. Area #1 675' - 670'	
08/22/06	1,400	Exc. Area #1 675' - 670'	
08/23/06	0		No >50 excavations performed
08/24/06	900	Exc. Area #1 680' - 675' & 675' - 670'	
08/25/06	1,400	Exc. Area #1 675' - 670'	
08/26/06	500	Exc. Area #1 675' - 670'	
08/27/06	0		Sunday (no work)
08/28/06	0		No >50 excavations performed
08/29/06	0		No >50 excavations performed
08/30/06	0		No >50 excavations performed
08/31/06	0		No >50 excavations performed
09/01/06	0		No >50 excavations performed
09/02/06	0		Labor Day Holiday weekend
09/03/06	0		Labor Day Holiday weekend
09/04/06	0		Labor Day Holiday weekend
09/05/06	0		No >50 excavations performed
09/06/06	0		No >50 excavations performed
09/07/06	400	Exc. Area #1 660 - 655' East End	
09/08/06	900	Exc. Area #1 660 - 655' South End	
09/09/06	950	Exc. Area #1 660 - 655' South End	
09/10/06	0		Sunday (no work)
09/11/06	260	Exc. Area #1 660 - 655' Center	
09/12/06	0		No excavation due to weather
09/13/06	0		No excavation due to weather
09/14/06	1,000	Exc. Area #1 660 - 655' Center	
09/15/06	0		No >50 excavations performed
09/16/06	0		No >50 excavations performed
09/17/06	0		Sunday (no work)
09/18/06	0		No >50 excavations performed
09/19/06	0		No >50 excavations performed
09/20/06	0		No >50 excavations performed
09/21/06			
09/22/06	0		No excavation due to weather
09/23/06	0		No excavation due to weather

TABLE 2.1
SUMMARY OF VAULT DAILY WASTE INFORMATION
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Estimated Quantity of Material Excavated/Placed (cy)	Source of Excavated Material *	Remarks
09/24/06	0		Sunday (no work)
09/25/06	0		No >50 excavations performed
09/26/06	0		No >50 excavations performed
09/27/06	750	Exc. Area #1 660 - 655' Center	
09/28/06	0		No >50 excavations performed
09/29/06	0		No >50 excavations performed
09/30/06	0		No excavation due to weather
10/01/06	0		Sunday (no work)
10/02/06	725	Exc. Area #2 FA-1B Berm Material	
10/03/06	0		No excavation due to weather
10/04/06	425	Exc. Area #2 FA-1B Berm Material	
10/05/06	0		No placement (haul road repair)
10/06/06	450	Exc. Area #1 660 - 655' Southeast Area (Re-dig)	
10/07/06	500	Exc. Area #1 660 - 655' Southwest Area	
10/08/06	0		Sunday (no work)
10/09/06	625	Exc. Area #1 660 - 655' Far West End Area	
10/10/06	0		No >50 excavations performed
10/11/06	0		No >50 excavations performed
10/12/06	0		No >50 excavations performed
10/13/06	0		No >50 excavations performed
10/14/06	0		No >50 excavations performed
10/15/06	0		Sunday (no work)
10/16/06	0		No >50 excavations performed
10/17/06	0		No excavation due to weather
10/18/06	0		No excavation due to weather
10/19/06	0		No excavation due to weather
10/20/06	0		No excavation due to weather
10/21/06	0		No excavation due to weather
10/22/06	0		Sunday (no work)
10/23/06	1,750	Exc. Area #1 655' - 650' Northeast End	
10/24/06	1,800	Exc. Area #1 660' - 655' Southeast End	
10/25/06	1,300	Exc. Area #1 655' - 650' Southeast End	
10/26/06	0		No excavation due to weather
10/27/06	0		No excavation due to weather
10/28/06	0		No excavation due to weather
10/29/06	0		Sunday (no work)
10/30/06	600	Exc. Area #1 655' - 650'	
10/31/06	500	Exc. Area #1 655' - 650'	
11/01/06	1,000	Exc. Area #1 655' - 650'	
11/02/06	1,400	Exc. Area #1 655' - 650'	
11/03/06	1,400	Exc. Area #1 650' - 645' Center	
11/04/06	1,100	Exc. Area #1 650' - 645' Center to East	
11/05/06	0		Sunday (no work)
11/06/06	1,600	Exc. Area #1 650' - 645' Center to East	
11/07/06	0		No excavation due to weather
11/08/06	1,600	Exc. Area #1 650' - 645' Center East	
11/09/06	1,400	Exc. Area #1 650' - 645' & 645' - 640'	
11/10/06	1,000	Exc. Area #1 650' - 645' & 645' - 640'	
11/11/06	1,200	Exc. Area #1 645' - 640'	
11/12/06	1,200	Exc. Area #1 645' - 640' & 640' - 635'	Approved to work Sunday
11/13/06	600	Exc. Area #1 640' - 635'	
11/14/06	1,400	Exc. Area #1 640' - 635'	
11/15/06	0		No excavation due to weather
11/16/06	0		No excavation due to weather
11/17/06	0		No >50 excavations performed
11/18/06	900	Exc. Area #1 635' - 630'	
11/19/06	1,000	Exc. Area #1 635' - 630'	Approved to work Sunday
11/20/06	900	Exc. Area #1 635' - 630'	
11/21/06	600	Exc. Area #1 635' - 630'	
11/21/06			All East Plant >50 mg/kg PCBs soil removal completed
07/25/07	224		
		>50ppm prescribed area removal at Northern Tributary	ENTACT hauling to Vault
08/02/07	736	>50ppm material from HRC pile - AOI-8	ENTACT hauling to Vault
08/03/07	1,216	>50ppm material from HRC pile - AOI-8	ENTACT hauling to Vault
08/03/07	1,024	>50ppm Northern Tributary Stockpiles # 8, 9 & 10	ENTACT hauling to Vault
08/06/07	688	>50ppm Northern Tributary Stockpile # 11	ENTACT hauling to Vault
08/10/07	7	>50ppm material from HRC roll-off container	ENTACT hauling to Vault
08/20/07	976	>50ppm Northern Tributary Stockpiles # 34 & #37	ENTACT hauling to Vault

TABLE 2.1
SUMMARY OF VAULT DAILY WASTE INFORMATION
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Estimated Quantity of Material Excavated/Placed (cy)</i>	<i>Source of Excavated Material *</i>	<i>Remarks</i>
09/07/07	464	>50ppm Northern Tributary Stockpile # 70	ENTACT hauling to Vault
09/13/07	512	>50ppm Northern Tributary Stockpile # 79	ENTACT hauling to Vault
10/04/07	448	>50ppm Northern Tributary Stockpile # 122	ENTACT hauling to Vault
10/19/07	512	>50ppm Northern Tributary Stockpile # 154	ENTACT hauling to Vault
10/20/07			EPA approval for additional Vault placement pending
05/21/08	192	>50 ppm Parcel 201 >50 excavation	SES hauling to Vault
05/22/08	880	>50 ppm Parcel 201 >50 excavation	SES hauling to Vault
05/28/08	480	>50 ppm Parcel 201 >50 excavation	SES hauling to Vault
06/02/08	320	>50 ppm Parcel 201 >50 excavation	SES hauling to Vault
06/12/08	48	>50 ppm from Sewer Abandonment	SES hauling to Vault
06/16/08	51	>50 ppm from Sewer Abandonment	SES hauling to Vault
06/24/08	17	>50 ppm from Sewer Abandonment	SES hauling to Vault
07/10/08	15	>50 ppm from West Plant Excavation (AOI-18 Concrete Pad)	SES hauling to Vault
07/14/08	51	>50 ppm from West Plant Excavation (AOI-18 Elevation 724.5' - 722.1')	SES hauling to Vault
08/26/08	2	Weeds from Modutank	SES hauling to Vault
08/27/08	8	Weeds from Modutank	SES hauling to Vault
09/02/08	2	Weeds from Modutank	SES hauling to Vault
09/18/08	304	>50 ppm from West Plant Excavation	SES hauling to Vault
09/19/08	576	>50 ppm from West Plant Excavation	SES hauling to Vault
09/26/08	496	>50 ppm from West Plant Excavation	SES hauling to Vault
09/26/08	208	<50 ppm from West Plant Excavation	SES hauling to Vault
09/27/08	832	<50 ppm from West Plant Excavation	SES hauling to Vault
TOTAL	127,602		VAULT PLACEMENT COMPLETED
TOTAL	134,667	(based on pre- and post-filling surveys)	

Notes:

*

Excavated areas ("Exc. Area") are presented on the Excavation Plan Drawings (C-05 through C-32) in the Over 50 mg/kg PCB Soil Removal Design Report for the East Plant Area (CRA, May 2006).

TABLE 2.2A
2006 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0
Bottom of sump (feet BTOS)	37.4
Diameter of sump (feet)	6

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of	Volume	Volume	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)	Pumped ⁽¹⁾ (cu. ft)	Pumped ⁽²⁾ (gallons)			
8/30/2006	36.4	36.2	8:00	19:40	1.0	1.2	0.2	11:40			0.00	Volume not calculated (water level rose)	(1)
8/31/2006	36.2	36.8	13:45	18:05	1.2	0.6	-0.6	4:20	16.96	126.90	0.49		
9/1/2006	36.8	36.7	8:55	14:00	0.6	0.7	0.1	5:05			0.00	Volume not calculated (water level rose), rain event	(1)
9/2/2006	36.5	36.9	9:50	12:15	0.9	0.5	-0.4	2:25	11.31	84.60	0.58		
9/3/2006	36.5	36.8	10:00	11:20	0.9	0.6	-0.3	1:20	8.48	63.45	0.79		
9/4/2006	36.8	36.8	9:40	11:25	0.6	0.6	0.0	1:45	0.00	0.00	0.00		
9/5/2006	36.7		14:10		0.7							Not pumped	(2)
9/6/2006	36.6	36.7	14:45	18:00	0.8	0.7	-0.1	3:15	2.83	21.15	0.11		
9/7/2006	36.4	36.9	14:15	20:15	1.0	0.5	-0.5	6:00	14.14	105.75	0.29		
9/8/2006	36.7	36.8	13:50	19:30	0.7	0.6	-0.1	5:40	2.83	21.15	0.06		
9/9/2006	36.8	36.8	15:10		0.6	0.6	0.0					Not pumped/water level acceptable	(3)
9/10/2006	36.8	36.8	9:50		0.6	0.6	0.0					Not pumped/water level acceptable, Rain event	(3)
9/11/2006	36.5	36.9	11:00	18:30	0.9	0.5	-0.4	7:30	11.31	84.60	0.19	Rain event	
9/12/2006	34.6	36.2	10:30	18:45	2.8	1.2	-1.6	8:15	45.24	338.39	0.68	Heavy rainfall event	
9/13/2006	30.2	30.1	9:45	17:45	7.2	7.3	0.1	8:00			0.00	Volume not calculated (water level rose), Rain event	(4)
9/14/2006	30.1	30.1	8:40	19:30	7.3	7.3	0.0	10:50			0.00	Volume not calculated (water level steady)	(4)
9/15/2006	31.5	37.4	18:20		5.9	0.0	-5.9		166.82	1,247.80		Pumped through the night to empty, Rain event	(2), (4)
9/16/2006	24.4	37	8:30	14:30	13.0	0.4	-12.6	6:00	356.26	2,664.80	7.40		
9/17/2006	36.2	36.8	8:05	9:45	1.2	0.6	-0.6	1:40	16.96	126.90	1.27	Rain event	
9/18/2006	36.5	36.9	9:20	17:00	0.9	0.5	-0.4	7:40	11.31	84.60	0.18	Rain event	
9/19/2006	35.5	35.5	11:40	17:15	1.9	1.9	0.0	5:35	0.00	0.00	0.00		
9/20/2006	35.1	36.9	13:45	17:06	2.3	0.5	-1.8	3:21	50.89	380.69	1.89		
9/21/2006	36.4	36.8	17:14	18:20	1.0	0.6	-0.4	1:06	11.31	84.60	1.28		
9/22/2006	36.5	36.9	9:18	9:47	0.9	0.5	-0.4	0:29	11.31	84.60	2.92	Rain event	
9/23/2006	35.6	37.1	11:05	0:44	1.8	0.3	-1.5	13:39	42.41	317.24	0.39	Rain event	
9/24/2006	33.8	37.4	9:42	18:10	3.6	0.0	-3.6	8:28	101.79	761.37	1.50		
9/25/2006	36.9	37.2	14:25	15:35	0.5	0.2	-0.3	1:10	8.48	63.45	0.91		
9/26/2006	36.8	37.4	11:10	14:20	0.6	0.0	-0.6	3:10	16.96	126.90	0.67		
9/27/2006	36.8	37.3	8:14	8:54	0.6	0.1	-0.5	0:40	14.14	105.75	2.64	Rain event	
9/28/2006	36.8	37.3	10:36	11:57	0.6	0.1	-0.5	1:21	14.14	105.75	1.31	Rain event	
9/29/2006	36.7	37.3	1:24	13:58	0.7	0.1	-0.6	12:34	16.96	126.90	0.17	Rain event	
9/30/2006	36.8	37.3	13:09	13:37	0.6	0.1	-0.5	0:28	14.14	105.75	3.78		
10/1/2006	36.8	37.3	10:13	10:38	0.6	0.1	-0.5	0:25	14.14	105.75	4.23		
10/2/2006	36.8	37.3	8:54	9:17	0.6	0.1	-0.5	0:23	14.14	105.75	4.60		
10/3/2006	36.2	37.4	13:57	16:00	1.2	0.0	-1.2	2:03	33.93	253.79	2.06	Pumped to empty, Rain event	(6)
10/4/2006	36.8	37.3	14:02	14:58	0.6	0.1	-0.5	0:56	14.14	105.75	1.89		
10/5/2006	36.7	37.4	10:54	14:29	0.7	0.0	-0.7	3:35	19.79	148.04	0.69	Pumped to empty	(6)
10/6/2006	36.9	37.3	14:07	15:17	0.5	0.1	-0.4	1:10	11.31	84.60	1.21		
10/7/2006	36.8	37.3	13:21	13:45	0.6	0.1	-0.5	0:24	14.14	105.75	4.41		
10/8/2006	36.7	37.3	10:23	22:45	0.7	0.1	-0.6	12:22	16.96	126.90	0.17		
10/9/2006	36.8	37.2	13:13	13:32	0.6	0.2	-0.4	0:19	11.31	84.60	4.45		
10/10/2006	36.7	37.3	13:56	14:19	0.7	0.1	-0.6	0:23	16.96	126.90	5.52		
10/11/2006	36.8	37.3	14:12	14:40	0.6	0.1	-0.5	0:28	14.14	105.75	3.78	Rain event	
10/12/2006	36.8	37.3	13:25	14:02	0.6	0.1	-0.5	0:37	14.14	105.75	2.86		
10/13/2006	36.8	37.3	9:53	10:16	0.6	0.1	-0.5	0:23	14.14	105.75	4.60		
10/14/2006	36.8	37.3	10:19	10:36	0.6	0.1	-0.5	0:17	14.14	105.75	6.22		
10/15/2006	36.8	37.3	7:21	7:44	0.6	0.1	-0.5	0:23	14.14	105.75	4.60		
10/16/2006	36.7	37.2	9:22	9:46	0.7	0.2	-0.5	0:24	14.14	105.75	4.41	Heavy rainfall event	
10/17/2006	32.7	37.4	13:55	0:00	4.7	0.0	-4.7	10:05	132.89	994.01	1.64	Rain event, Pumped to empty	(6)
10/18/2006	33.6	37.4	9:17	14:18	3.8	0.0	-3.8	5:01	107.44	803.67	2.67	Pumped to empty	(6)

TABLE 2.2A
2006 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0
Bottom of sump (feet BTOS)	37.4
Diameter of sump (feet)	6

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of	Volume	Volume	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)	Pumped ⁽¹⁾ (cu. ft)	Pumped ⁽¹⁾ (gallons)			
10/19/2006	36.3	37.2	14:24	15:30	1.1	0.2	-0.9	1:06	25.45	190.34	2.88	Rain event, Pumped to empty	
10/20/2006	35.8	37.3	13:25	15:00	1.6	0.1	-1.5	1:35	42.41	317.24	3.34		
10/21/2006	36.3	37.4	10:56	13:03	1.1	0.0	-1.1	2:07	31.10	232.64	1.83	Pumped to empty	(6)
10/22/2006	36.8	37.3	10:12	10:53	0.6	0.1	-0.5	0:41	14.14	105.75	2.58		
10/23/2006	36.7	37.3	13:15	14:04	0.7	0.1	-0.6	0:49	16.96	126.90	2.59		
10/24/2006	36.6	37.2	15:29	15:58	0.8	0.2	-0.6	0:29	16.96	126.90	4.38		
10/25/2006	36.8	37.2	13:15	13:40	0.6	0.2	-0.4	0:25	11.31	84.60	3.38	Rain event	
10/26/2006	35.2	37.4	7:22	10:55	2.2	0.0	-2.2	3:33	62.20	465.28	2.18	Rain event, Pumped to empty	(6)
10/27/2006												Rain event, Pumped all day, No readings	(4)
10/28/2006	35.3	37.4	9:13	13:14	2.1	0.0	-2.1	4:01	59.38	444.13	1.84	Rain event, Pumped to empty	(6)
10/29/2006	36.6	37.2	10:00	11:03	0.8	0.2	-0.6	1:03	16.96	126.90	2.01		
10/30/2006	34.7	37.4	13:30	16:00	2.7	0.0	-2.7	2:30	76.34	571.03	3.81	Pumped to empty	(6)
10/31/2006	36.6	37.3	14:04	14:30	0.8	0.1	-0.7	0:26	19.79	148.04	5.69	Rain event	
11/1/2006	36.9	37.3	13:19	13:42	0.5	0.1	-0.4	0:23	11.31	84.60	3.68	Rain event	
11/2/2006	36.8	37.3	13:40	14:09	0.6	0.1	-0.5	0:29	14.14	105.75	3.65		
11/3/2006	36.6	37.3	9:30	10:37	0.8	0.1	-0.7	1:07	19.79	148.04	2.21		
11/4/2006	36.7	37.3	13:13	13:33	0.7	0.1	-0.6	0:20	16.96	126.90	6.34		
11/5/2006	36.7	37.3	10:02	10:28	0.7	0.1	-0.6	0:26	16.96	126.90	4.88		
11/6/2006	34.6	37.3	15:10	15:06	2.8	0.1	-2.7		76.34	571.03		Rain event	
11/7/2006	36.4	37.3	13:15	13:50	1.0	0.1	-0.9	0:35	25.45	190.34	5.44	Rain event	
11/8/2006	35.5	37.4	13:12	23:00	1.9	0.0	-1.9	9:48	53.72	401.83	0.68	Pumped to empty	(6)
11/9/2006	36.8	37.3	13:14	13:43	0.6	0.1	-0.5	0:29	14.14	105.75	3.65		
11/10/2006	36.7	37.3	14:07	15:00	0.7	0.1	-0.6	0:53	16.96	126.90	2.39		
11/11/2006	36.6	37.3	13:37	14:35	0.8	0.1	-0.7	0:58	19.79	148.04	2.55	Rain event	
11/12/2006												Sunday, Pumped but no readings	(5)
11/13/2006	36.7	37.4	13:25	17:58	0.7	0.0	-0.7	4:33	19.79	148.04	0.54	Rain event, Pumped to empty	(6)
11/14/2006	36.85	37.4	13:50	17:02	0.55	0.0	-0.55	3:12	15.55	116.32	0.61	Heavy rainfall event, Pumped to empty	(6)
11/15/2006	36.2	37.4	7:32	17:30	1.2	0.0	-1.2	9:58	33.93	253.79	0.42	Rain event, Pumped to empty	(6)
11/16/2006	32.5	37.4	8:40	17:18	4.9	0.0	-4.9	8:38	138.54	1,036.31	2.00	Pumped to empty	(6)
11/17/2006	36.3	37.3	13:35	15:35	1.1	0.1	-1.0	2:00	28.27	211.49	1.76		
11/18/2006	36.7	37.2	13:25	14:25	0.7	0.2	-0.5	1:00	14.14	105.75	1.76	Rain event	
11/19/2006									0.00	0.00		Sunday, Not pumped	(5)
11/20/2006	36.7	37.4	13:21	14:00	0.7	0	-0.7	0:39	19.79	148.04	3.80		
11/21/2006	36.75	37.3	15:39	18:20	0.65	0.1	-0.55	2:41	15.55	116.32	0.72		
11/22/2006	36.9	37.3	10:22	19:20	0.5	0.1	-0.4	8:58	11.31	84.60	0.16		
11/23/2006									0.00	0.00		Holiday, Not pumped	(5)
11/24/2006	36.8	37.3	10:15	10:49	0.6	0.1	-0.5	0:34	14.14	105.75	3.11		
11/25/2006									0.00	0.00		Holiday, Not pumped	(5)
11/26/2006	36.7	37.3	10:14	10:46	0.7	0.1	-0.6	0:32	16.96	126.90	3.97		
11/27/2006	36.9	37.3	13:05	13:37	0.5	0.1	-0.4	0:32	11.31	84.60	2.64		
11/28/2006	36.85	37.3	16:26	17:00	0.55	0.1	-0.45	0:34	12.72	95.17	2.80		
11/29/2006	36.8	37.3	13:16	13:42	0.6	0.1	-0.5	0:26	14.14	105.75	4.07	Rain event	
11/30/2006	36.7	37.1	11:00	14:12	0.7	0.3	-0.4	3:12	11.31	84.60	0.44	Heavy rainfall event	
12/1/2006	35.2	37.4	9:02		2.2	0	-2.2		62.20	465.28		Rain event, Assumed pumped to empty	(6)
12/2/2006	36.4	37.2	10:00	11:07	1.0	0.2	-0.8	1:07	22.62	169.19	2.53		
12/3/2006													
12/4/2006	36.4	37.3	14:10	17:43	1.0	0.1	-0.9	3:33	25.45	190.34	0.89		
12/5/2006	36.2	37.3	15:30	16:27	1.2	0.1	-1.1	0:57	31.10	232.64	4.08		
12/6/2006	36.9	37.3	16:28	17:02	0.5	0.1	-0.4	0:34	11.31	84.60	2.49		
12/7/2006	36.9	37.3	13:28	14:17	0.5	0.1	-0.4	0:49	11.31	84.60	1.73		

TABLE 2.2A
2006 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0
Bottom of sump (feet BTOS)	37.4
Diameter of sump (feet)	6

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of Pumping (hh:mm)	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)						
12/8/2006												SES offsite, Not pumped	(7)
12/9/2006	36.6	37.3	9:04	10:30	0.8	0.1	-0.7	1:26	19.79	148.04	1.72		
12/10/2006												Sunday, Not pumped	(5)
12/11/2006	36.8	37.3	15:37	5:30	0.6	0.1	-0.5		14.14	105.75			
12/12/2006	36.2	37.3	14:23	7:30	1.2	0.1	-1.1		31.10	232.64		Rain event	
12/13/2006	36.9	37.3	14:35	16:10	0.5	0.1	-0.4	1:35	11.31	84.60	0.89		
12/14/2006	36.4	37.3	13:29	17:45	1.0	0.1	-0.9	4:16	25.45	190.34	0.74		
12/15/2006	36.7				0.7							Not pumped	
12/16/2006	36.8				0.6							Not pumped	
12/17/2006												Sunday, Not pumped	(5)
12/18/2006	36.4	37.05	14:55	16:15	1.0	0.35	-0.65	1:20	18.38	137.47	1.72	Meter installed, Meter reading = 000062 cu. ft	
12/19/2006		36.9		13:30		0.5			13.00	97.24		Meter reading = 000075 cu. ft	
12/20/2006		36.7		13:10		0.7			25.00	187.00		Rain event, Meter reading = 000100 cu. ft	
12/21/2006		36.8		11:15		0.6			105.00	785.40		Heavy rainfall event, Meter reading = 000205 cu. ft	
12/22/2006		37.3		9:00		0.1			562.00	4,203.76		Rain event, meter reading = 000767 cu. ft	
12/23/2006		36.7		19:15		0.7			150.00	1,122.00		Pumped, Meter not read	
12/24/2006												Sunday, Not pumped	(5)
12/25/2006		36.3		15:00		1.1			300.00	2,244.00		Rain event, Pumped, Meter not read	
12/26/2006				9:05					150.00	1,122.00		Rain event, Meter reading = 001367 cu. ft	
12/27/2006		36.8		19:30		0.6			72.00	538.56		Meter reading = 001439 cu. ft	
12/28/2006		36.9		19:43		0.5			30.00	224.40		Meter reading = 001469 cu. ft	
12/29/2006		36.9		13:30		0.5			19.00	142.12		Meter reading = 001488 cu. ft	
12/30/2006		36.8		19:10		0.6			21.00	157.08		Meter reading = 001509 cu. ft	
12/31/2006		36.1		10:00		1.3			167.30	1,251.40		Rain event, Pumped, Meter not read	
									Total	4,413.46	33,012.67		
									Average/day	35.59	266.23		

Notes:

BTOS - Below top of sump

AFOS - Above floor of sump

(*) Volume pumped prior to meter installation on Dec. 18, 2006 are calculated based on elevation change and storage volume of the LCS

(1) No water was pumped on this date, however, the water level rose slightly between the two observation times.

(2) Not pumped, Contractor repairing pumping equipment

(3) Not pumped, water is at an acceptable level.

(4) System was operated throughout the day to accommodate pumping of the accumulating water.

(5) Sunday or holiday (no reading unless rain). Maximum one day without pumping unless currently raining or rained in the previous 24 hour period.

(6) Raining, sump pumped to empty.

(7) Contractor not on Site, manhole pumped next day.

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7		Aug.8 - Dec. 31								
Top of sump (datum reference)		0		0								
Bottom of sump (feet BTOS)		42.8		52.67								
Diameter of sump (feet)		6		6								
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
1/1/2007											Rain event, Holiday, Meter not read	(5)
1/2/2007	36.9	5.9	15:30	15:30	48	0	2011	335	2,505.8	0.87		
1/3/2007	36.9	5.9	14:57	14:57	23	27	2030	19	142.1	0.10	Rain event	
1/4/2007	36.9	5.9	17:00	17:00	26	3	2050	20	149.6	0.10	Rain event	
1/5/2007	36.8	6	15:30	15:30	22	30	2646	596	4,458.1	3.30	Heavy rainfall event	
1/6/2007	36.8	6	15:30	15:30	24	0	2841	195	1,458.6	1.01	Rain event	
1/7/2007	36.9	5.9	15:14	15:14	23	44	2902	61	456.3	0.32	Rain event	
1/8/2007	36	6.8	17:00	17:00	25	46	3024	122	912.6	0.59	Rain event	
1/9/2007	36.8	6	17:00	17:00	24	0	3052	28	209.4	0.15	Rain event	
1/10/2007	36.8	6	17:15	17:15	24	15	3081	29	216.9	0.15		
1/11/2007	42.1	0.7	7:15	23:59	14	0	3105	24	179.5	0.21		
1/12/2007	42.1	0.7	7:15	23:59	24	0	3105			0.00	Pump failed (clogged with silt), Rain event, Not pumped	
1/13/2007	39.3	3.5	7:02	23:59	23	47	3105			0.00	Pump being repaired/pumped with 2" pump, Rain event	
1/14/2007	37.9	4.9	7:00	23:59	23	58	3105			0.00	Pump being repaired/pumped with 2" pump, Rain event	(2)
1/15/2007	34.5	8.3	19:15	23:59	36	15	3105			0.00	Pump being repaired/pumped with 2" pump, Rain event	(4)
1/16/2007	32.9	9.9	7:30	23:59	12	15	0			0.00	Pump being repaired/pumped with 2" pump	(2)
1/17/2007	41.2	1.6	7:30	23:59	24	0	220	220	1,645.6	1.14	Pump being repaired, Not pumped, Meter reset to "0"	
1/18/2007	42.1	0.7	7:30	23:59	24	0	990	770	5,759.6	4.00	Meter repaired, Obtaining one meter reading per day	
1/19/2007	42.7	0.1	8:15	23:59	24	45	990	17	126.9	0.09		
1/20/2007	42.2	0.6	8:00	23:59	23	45	1020	30	224.4	0.16		
1/21/2007											Rain event	(5)
1/22/2007	41.8	1	10:00	23:59	50	0	1030	10	74.8	0.02		
1/23/2007	42.1	0.7	8:30	23:59	22	30	1170	140	1,047.2	0.78		
1/24/2007	42.1	0.7	7:00	23:59	22	30	1180	10	74.8	0.06		
1/25/2007	41.9	0.9	7:30	23:59	24	30	1190	10	74.8	0.05		
1/26/2007	42.1	0.7	7:30	23:59	24	0	1250	60	448.8	0.31		
1/27/2007	42.2	0.6	7:36	23:59	24	6	1280	30	224.4	0.16		
1/28/2007											Sunday, Meter not read	(5)
1/29/2007	42.1	0.7	7:50	23:59	48	50	1300	20	149.6	0.05		
1/30/2007	41.8	1	7:50	23:59	24	0	1300			0.00	No pumping from Jan. 29 - Jan. 30	
1/31/2007	42.1	0.7	15:30	23:59	31	40	1397	97	725.6	0.38		
2/1/2007	42.2	0.6	7:41	23:59	16	11	1427	30	224.4	0.23		
2/2/2007	42.3	0.5	8:11	23:59	24	30	1458	31	231.9	0.16		
2/3/2007	42.2	0.6	8:04	23:59	23	53				0.00		
2/4/2007											Sunday, Meter not read	(5)
2/5/2007	39.9	2.9	8:04	23:59	48	4	1483	25	187.0	0.06		
2/6/2007	42.4	0.4	13:00	23:59	28	56	1551	68	508.6	0.29		
2/7/2007											Rain event	
2/8/2007	42	0.8	7:45	23:59	42	45	1551	0	0.0	0.00		
2/9/2007	41.9	0.9	7:41	23:59	23	56	1551	0	0.0	0.00	Rain event	
2/10/2007	42.3	0.5	7:30	23:59	23	49	1612	61	456.3	0.32		
2/11/2007								0	0.0		Sunday, Meter not read	(5)
2/12/2007	42.1	0.7	7:30	23:59	48	30	1612	0	0.0	0.00	Rain event	
2/13/2007	41.8	1	8:15	23:59	24	45	1640	28	209.4	0.14	Heavy rain/sleet	
2/14/2007	41.3	1.5	8:45	23:59	24	30	1769	129	964.9	0.66		
2/15/2007	42.2	0.6	8:00	23:59	23	15	1903	134	1,002.3	0.72		
2/16/2007	42.3	0.5	8:00	23:59	24	0	1927	24	179.5	0.12		
2/17/2007	42.1	0.7	7:30	23:59	23	30	1927	0	0.0	0.00	Rain event	
2/18/2007											Sunday, Meter not read, Rain event	(5)
2/19/2007	42.1	0.7	7:30	23:59	48	30	1954	27	202.0	0.07	Rain event	

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7	Aug.8 - Dec. 31									
Top of sump (datum reference)		0	0									
Bottom of sump (feet BTOS)		42.8	52.67									
Diameter of sump (feet)		6	6									
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
2/20/2007	42.2	0.6	11:25	23:59	27	55	1980	26	194.5	0.12	Rain event	
2/21/2007	40.1	2.7	7:30	23:59	20	5	1980	0	0.0	0.00		
2/22/2007	42.7	0.1	7:30	23:59	24	0	2354	374	2,797.5	1.94		
2/23/2007	41.9	0.9	7:30	23:59	24	0	2354	0	0.0	0.00		
2/24/2007	42.1	0.7	10:00	23:59	26	30	2482	128	957.4	0.60	Heavy rainfall event	
2/25/2007	39.7	3.1	7:30	23:59	20	90	2546	64	478.7	0.37	Field notes say 2456 cu. ft. Correct reading believed to be 2546 cu. ft., Rain event.	
2/26/2007	42.7	0.1	7:30	23:59	24	0	2968	422	3,156.6	2.19		
2/27/2007								53	396.4		Pumped, No meter reading	
2/28/2007	42.1	0.7	7:30	23:59	48	30	3074	53	396.4	0.14		
3/1/2007	42.1	0.7	7:30	23:59	24	0	3123	49	366.5	0.25	Rain event	
3/2/2007	42.7	0.1	7:30	23:59	24	0	3314	191	1,428.7	0.99		
3/3/2007	39.9	2.9	7:30	23:59	24	0	3374	60	448.8	0.31		
3/4/2007	42.1	0.7	7:30	23:59	24	0	3427	53	396.4	0.28		
3/5/2007	42.2	0.6	7:30	23:59	24	0	3460	33	246.8	0.17		
3/6/2007	42.3	0.5	7:30	23:59	24	0	3493	33	246.8	0.17		
3/7/2007	42.3	0.5	9:00	23:59	25	30	3512	19	142.1	0.09		
3/8/2007	42.3	0.5	7:30	23:59	22	30	3529	17	127.2	0.09		
3/9/2007	42.2	0.6	14:00	23:59	31	-30	3535	6	44.9	0.02		
3/10/2007	42.3	0.5	7:30	23:59	17	30	3557	22	164.6	0.16	Rain event	
3/11/2007											Sunday, Meter not read	(5)
3/12/2007	42.2	0.6	7:30	23:59	48	30	3574	17	127.2	0.04		
3/13/2007	42.2	0.6	7:30	23:59	24	0	3588	14	104.7	0.07		
3/14/2007	42.2	0.6	7:30	23:59	24	0	3588	0	0.0	0.00	Rain event	
3/15/2007	42.0	0.8	9:00	23:59	25	30	3597	9	67.3	0.04	Field notes say meter reading is 3577 cu. ft. Correct reading believed to be 3597 cu. ft. Rain event.	
3/16/2007								39	288.0		Pumped, no meter reading	
3/17/2007	42.3	0.5	9:10	23:59	48	10	3674	39	288.0	0.10		
3/18/2007											Sunday, Meter not read	(5)
3/19/2007	42.2	0.6	8:20	23:59	47	20	3679	5	37.4	0.01	Rain event	
3/20/2007	42.0	0.8	7:30	23:59	23	10	3704	25	187.0	0.13		
3/21/2007	42.5	0.3	13:20	23:59	29	50	3778	74	553.5	0.31		
3/22/2007	42.5	0.3	10:30	23:59	21	10	3794	16	119.7	0.09	Rain event	
3/23/2007	42.6	0.2	10:30	23:59	24	0	3825	31	231.9	0.16	Rain event	
3/24/2007	42.6	0.2	7:30	23:59	21	0	3842	17	127.2	0.10		
3/25/2007											Sunday, Meter not read	
3/26/2007	42.6	0.2	8:30	23:59	25	0	3869	27	202.0	0.13		
3/27/2007	42.6	0.2	15:30	23:59	31	0	3884	15	112.2	0.06		
3/28/2007	42.7	0.1	7:30	23:59	16	0	3892	8	59.8	0.06	Rain event	
3/29/2007	42.6	0.2	8:30	23:59	25	0	3921	29	216.9	0.14	Rain event	
3/30/2007	42.7	0.1	8:00	23:59	23	30	3942	21	157.1	0.11	Rain event	
3/31/2007	42.7	0.1	8:30	23:59	24	30	3964	22	164.6	0.11	Rain event	
4/1/2007											Sunday, Meter not read, Rain event	(5)
4/2/2007	38.4	4.4	7:30	23:59	47	30	4009	45	336.6	0.12		
4/3/2007	42.7	0.1	7:30	23:59	24	0	4465	456	3,410.9	2.37	Heavy rainfall event	
4/4/2007	42.6	0.2	8:30	23:59	25	0	4715	250	1,870.0	1.25		
4/5/2007	42.6	0.2	8:00	23:59	23	30	4782	67	501.2	0.36		
4/6/2007	42.6	0.2	8:00	23:59	24	0	4862	80	598.4	0.42		
4/7/2007	42.6	0.2	7:30	23:59	23	30	4864	2	15.0	0.01	Field notes say meter reading is 4834 cu. ft. Correct reading believed to be 4864 cu. ft.	

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7		Aug.8 - Dec. 31								
Top of sump (datum reference)		0		0								
Bottom of sump (feet BTOS)		42.8		52.67								
Diameter of sump (feet)		6		6								
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
4/8/2007											Sunday, Meter not read	(5)
4/9/2007	42.6	0.2	7:30	23:59	48	30	4868	4	29.9	0.01		
4/10/2007	42.7	0.1	7:30	23:59	24	0	4886	18	134.6	0.09		
4/11/2007	42.7	0.1	7:30	23:59	24	0	4906	20	149.6	0.10	Rain event	
4/12/2007	42.6	0.2	7:30	23:59	24	0	5072	166	1,241.7	0.86	Rain event	
4/13/2007	42.6	0.2	8:30	23:59	25	0	5108	36	269.3	0.18		
4/14/2007	42.7	0.1	8:00	23:59	23	30	5164	56	418.9	0.30	Rain event	
4/15/2007											Sunday, Meter not read	(5)
4/16/2007	42.5	0.3	7:30	23:59	47	30	5392	228	1,705.4	0.60		
4/17/2007	42.7	0.1	7:30	23:59	24	0	5428	36	269.3	0.19		
4/18/2007	42.6	0.2	7:30	23:59	24	0	5449	21	157.1	0.11		
4/19/2007	42.6	0.2	7:30	23:59	24	0	5466	17	127.2	0.09		
4/20/2007	42.6	0.2	7:30	23:59	24	0	5480	14	104.7	0.07		
4/21/2007	42.5	0.3	8:15	23:59	24	45	5494	14	104.7	0.07		
4/22/2007											Sunday, Meter not read	(5)
4/23/2007	42.7	0.1	7:30	23:59	47	30	5514	20	149.6	0.05	Rain event	
4/24/2007	42.6	0.2	7:30	23:59	24	0	5518	4	29.9	0.02	Rain event	
4/25/2007	42.5	0.3	7:30	23:59	24	0	5565	47	351.6	0.24	Rain event	
4/26/2007	42.7	0.1	7:30	23:59	24	0	5713	148	1,107.0	0.77	Rain event	
4/27/2007	42.6	0.2	7:30	23:59	24	0	5876	163	1,219.2	0.85	Rain event	
4/28/2007	42.7	0.1	7:45	23:59	24	15	5928	52	389.0	0.27		
4/29/2007											Sunday, Meter not read	(5)
4/30/2007	42.5	0.3	7:40	23:59	48	40	5975	47	351.6	0.12		
5/1/2007	42.7	0.1	7:30	23:59	23	50	5990	15	112.2	0.08		
5/2/2007	42.7	0.1	7:30	23:59	24	0	6002	12	89.8	0.06	Rain event	
5/3/2007	42.7	0.1	7:30	23:59	24	0	6032	30	224.4	0.16	Rain event	
5/4/2007	42.7	0.1	7:32	23:59	24	2	6073	41	306.7	0.21	Rain event	
5/5/2007											Saturday, Meter not read	(5)
5/6/2007											Sunday, Meter not read	(5)
5/7/2007	41.9	0.9	7:30	23:59	71	58	6117	44	329.1	0.08		
5/8/2007	42.1	0.7	7:30	23:59	24	0	6151	34	254.3	0.18		
5/9/2007	42.0	0.8	7:30	23:59	24	0	6151	0	0.0	0.00		
5/10/2007	42.0	0.8	7:30	23:59	24	0	6182	31	231.9	0.16		
5/11/2007	42.1	0.7	7:45	23:59	24	15	6210	28	209.4	0.14		
5/12/2007											Saturday, Meter not read	(5)
5/13/2007											Sunday, Meter not read	(5)
5/14/2007	42.0	0.8	7:45	23:59	72	0	6238	28	209.4	0.05		
5/15/2007	42.2	0.6	7:30	23:59	23	45	6266	28	209.4	0.15	Rain event	
5/16/2007	42.1	0.7	7:30	23:59	24	0	6291	25	187.0	0.13	Rain event	
5/17/2007	42.2	0.6	8:30	23:59	25	0	6321	30	224.4	0.15		
5/18/2007	42.0	0.8	8:30	23:59	24	0	6321			0.00		
5/19/2007											Saturday, Meter not read	(5)
5/20/2007											Sunday, Meter not read	(5)
5/21/2007	42.5	0.3	7:50	23:59	71	20	6350	29	216.9	0.05		
5/22/2007	42.0	0.8	7:40	23:59	23	50	6350	0	0.0	0.00		
5/23/2007	42.25	0.55	7:45	23:59	24	5	6358	8	59.8	0.04		
5/24/2007	42.1	0.7	7:25	23:59	23	40	6377	19	142.1	0.10		
5/25/2007											Holiday, Meter not read	(5)
5/26/2007											Saturday, Meter not read	(5)
5/27/2007											Sunday, Meter not read, Rain event	(5)

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7		Aug. 8 - Dec. 31								
Top of sump (datum reference)		0		0								
Bottom of sump (feet BTOS)		42.8		52.67								
Diameter of sump (feet)		6		6								
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
5/28/2007											Holiday, Meter not read, Rain event	(5)
5/29/2007	42.1	0.7	7:40	23:59	120	15	6405	28	209.4	0.03		
5/30/2007	42.0	0.8	15:25	23:59	31	45	6405	0	0.0	0.00		
5/31/2007	42.0	0.8	11:25	23:59	20	0	6405	0	0.0	0.00		
6/1/2007	41.95	0.85	7:40	23:59	20	15	6405	0	0.0	0.00	Rain event	
6/2/2007	42.1	0.7	7:15	23:59	23	35	6432	27	202.0	0.14		
6/3/2007	42.1	0.7	7:55	23:59	24	40	6432	0	0.0	0.00		
6/4/2007	42.0	0.8	7:40	23:59	23	45	6432	0	0.0	0.00	Rain event	
6/5/2007	42.15	0.65	10:45	23:59	27	5	6457	25	187.0	0.12	Rain event	
6/6/2007												
6/7/2007	42.05	0.75	10:35	23:59	47	50	6457	0	0.0	0.00		
6/8/2007	42.0	0.8	8:17	23:59	21	42	6457	0	0.0	0.00	Rain event	
6/9/2007	42.00	0.8	7:18	23:59	23	1	6457	0	0.0	0.00		
6/10/2007	42.0	0.8	7:40	23:59	24	22	6457	0	0.0	0.00		
6/11/2007	42.1	0.7	7:35	23:59	23	55	6484	27	202.0	0.14		
6/12/2007	42.1	0.7	7:25	23:59	23	50	6484	0	0.0	0.00		
6/13/2007	42.05	0.75	7:23	23:59	23	58	6484	0	0.0	0.00		
6/14/2007	42	0.8	8:09	23:59	24	46	6484	0	0.0	0.00		
6/15/2007	42	0.8	7:26	23:59	23	17	6484	0	0.0	0.00		
6/16/2007	42.15	0.65	7:36	23:59	24	10	6511	27	202.0	0.14		
6/17/2007											Sunday, Meter not read	(5)
6/18/2007	42.1	0.7	7:25	23:59	47	49	6511	0	0.0	0.00	Rain event	
6/19/2007	42.05	0.75	8:23	23:59	24	58	6511	0	0.0	0.00	Rain event	
6/20/2007	42.0	0.8	13:10	23:59	28	47	6511	0	0.0	0.00		
6/21/2007	42.0	0.8	7:34	23:59	18	24	6511	0	0.0	0.00		
6/22/2007	42.0	0.8	9:36	23:59	26	2	6538	27	202.0	0.13	Rain event	
6/23/2007	42	0.8	7:12	23:59	21	36	6538	0	0.0	0.00	Rain event	
6/24/2007											Sunday, Meter not read, Rain event	(5)
6/25/2007	42.0	0.8	7:34	23:59	48	22	6689	151	1,129.5	0.39	Rain event	
6/26/2007	42.0	0.8	8:18	23:59	24	44	6717	28	209.4	0.14	Rain event	
6/27/2007	42.1	0.7	13:09	23:59	28	51	6745	28	209.4	0.12	Rain event	
6/28/2007	42.1	0.7	8:35	23:59	19	26	6745	0	0.0	0.00	Rain event, Not pumped	
6/29/2007	42.1	0.7	7:28	23:59	22	53	6772	27	202.0	0.15	Rain event	
6/30/2007	42.1	0.7	8:12	23:59	24	44	6799	27	202.0	0.14		
7/1/2007											Sunday, Meter not read	
7/2/2007	42.0	0.8	7:40	23:59	47	28	6827	28	209.4	0.07		
7/3/2007	42.0	0.8	7:50	23:59	24	10	6827	0	0.0	0.00		
7/4/2007	42.0	0.8	7:27	23:59	23	37	6854	27	202.0	0.14	Rain event	
7/5/2007	42.1	0.7	7:33	23:59	23	66	6854	0	0.0	0.00	Rain event	
7/6/2007	42.1	0.7	7:20	23:59	23	47	6854	0	0.0	0.00		
7/7/2007											Saturday, Meter not read	(5)
7/8/2007											Sunday, Meter not read	(5)
7/9/2007	42.1	0.7	8:07	23:59	72	47	6880	26	194.5	0.04		
7/10/2007	42.05	0.75	7:23	23:59	23	16	6880	0	0.0	0.00	Rain event	
7/11/2007	42.25	0.55	7:30	23:59	24	7	6903	23	172.0	0.12	Rain event	
7/12/2007	42.05	0.75	10:06	23:59	26	36	6903	0	0.0	0.00		
7/13/2007	42.15	0.65	7:21	23:59	21	15	6929	26	194.5	0.15		
7/14/2007	42.1	0.7	7:45	23:59	24	24	6929	0	0.0	0.00		
7/15/2007											Sunday, Meter not read	 (5)
7/16/2007	42.1	0.7	13:45	23:59	54	0	6929	0	0.0	0.00		

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7	Aug. 8 - Dec. 31									
Top of sump (datum reference)		0	0									
Bottom of sump (feet BTOS)		42.8	52.67									
Diameter of sump (feet)		6	6									
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
7/17/2007	41.8	1	7:25	23:59	17	40	6940	11	82.3	0.08	Heavy rainfall event	
7/18/2007	42.15	0.65	8:50	23:59	25	25	7065	125	935.0	0.61	Rain event	
7/19/2007	41.9	0.9	9:34	23:59	24	44	7135	70	523.6	0.35	Rain event	
7/20/2007	42.0	0.8	8:31	23:59	22	57	7162	27	202.0	0.15		
7/21/2007	42.0	0.8	8:31	23:59	24	0	7162	0	0.0	0.00		
7/22/2007											Sunday, Meter not read	(5)
7/23/2007	42.2	0.6	8:05	23:59	47	34	7217	55	411.4	0.14		
7/24/2007	42.1	0.7	7:31	23:59	23	26	7217	0	0.0	0.00		
7/25/2007	42.05	0.75	7:26	23:59	23	55	7217	0	0.0	0.00		
7/26/2007	42.2	0.6	7:34	23:59	24	8	7242	25	187.0	0.13		
7/27/2007	42.1	0.7	7:29	23:59	23	55	7242	0	0.0	0.00	Rain event	
7/28/2007	42.05	0.75	7:36	23:59	24	7	7270	28	209.4	0.14	Rain event	
7/29/2007											Sunday, Meter not read	(5)
7/30/2007	42.0	0.8	7:33	23:59	47	57	7296	26	194.5	0.07		
7/31/2007								0	0.0			
8/1/2007	42.00	0.80	10:07	23:59	50	34	7321	25	187.0	0.06		
8/2/2007	42.00	0.80	9:05	23:59	22	58	7321	0	0.0	0.00		
8/3/2007	42.0	0.80	17:57	23:59	32	52	7321	0	0.0	0.00		
8/4/2007	42.00	0.80	10:02	23:59	16	5	7321	0	0.0	0.00	Rain event	
8/5/2007											Sunday, Meter not read, Rain event	(5)
8/6/2007	42.00	0.80	14:04	23:59	52	2	7386	65	486.2	0.16		
8/7/2007	42.0	0.80	7:50	23:59	17	46	7386	0	0.0	0.00		
8/8/2007											Pump removed (no pumping) to place additional risers	(8)
8/9/2007											Pump removed (no pumping) to place additional risers	(8)
8/10/2007											Pump removed (no pumping) to place additional risers	(8)
8/11/2007											Pump removed (no pumping) to place additional risers	(8)
8/12/2007											Pump removed (no pumping) to place additional risers	(8)
8/13/2007											Pump removed (no pumping) to place additional risers	(8)
8/14/2007	51.6	1.07	10:20	23:59	170	30	7386			0.00	Pump removed (no pumping) to place additional risers	(8)
8/15/2007	51.8	0.87	15:55	23:59	29	35	7424	38	284.2	0.16		
8/16/2007	51.8	0.87	7:53	23:59	15	58	7425	1	7.5	0.01	Rain event	
8/17/2007	51.1	1.57	9:27	23:59	25	34	7463	38	284.2	0.19		
8/18/2007	52.05	0.62	9:48	23:59	24	21	7463	0	0.0	0.00		
8/19/2007	52.05	0.62	9:20	23:59	23	32	7463	0	0.0	0.00		
8/20/2007											No pumping from Aug. 20 - Aug. 22	
8/21/2007											No pumping from Aug. 20 - Aug. 22, Rain event	
8/22/2007											No pumping from Aug. 20 - Aug. 22	
8/23/2007	51.8	0.87	13:35	23:59	100	15	7464	1	7.5	0.00		
8/24/2007	51.85	0.82	8:00	23:59	18	25	7465	1	7.5	0.01		
8/25/2007	51.8	0.87	8:39	23:59	24	39	7465	0	0.0	0.00	Rain event	
8/26/2007											Sunday, Meter not read	(5)
8/27/2007	51.8	0.87	8:04	23:59	47	25	7471	6	44.9	0.02		
8/28/2007	52.6	0.07	14:47	23:59	30	43	7568	97	725.6	0.39		
8/29/2007	52.35	0.32	8:45	23:59	17	58	7579	11	82.3	0.08		
8/30/2007	52.2	0.47	13:06	23:59	28	21	7579	0	0.0	0.00	No pumping from Aug. 29 - Aug. 31	
8/31/2007	52.1	0.57	8:18	23:59	19	12	7579	0	0.0	0.00	No pumping on Aug. 30th, therefore no change in meter reading on Aug. 31 morning	
9/1/2007	52.50	0.17	7:49	23:59	23	31	7607	28	209.4	0.15		
9/2/2007											Sunday, Meter not read	(5)
9/3/2007	52.50	0.17	8:09	23:59	48	20	7617	10	74.8	0.03		

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7	Aug.8 - Dec. 31									
Top of sump (datum reference)		0	0									
Bottom of sump (feet BTOS)		42.8	52.67									
Diameter of sump (feet)		6	6									
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
9/4/2007	52.55	0.12	13:20	23:59	29	11	7630	13	97.2	0.06		
9/5/2007	52.60	0.07	0:00	23:59	10	40	7645	15	112.2	0.18		
9/6/2007	52.50	0.17	14:31	23:59	38	31	7665	20	149.6	0.06	Rain event	
9/7/2007	52.60	0.07	7:36	23:59	17	5	7670	5	37.4	0.04	Rain event	
9/8/2007	52.50	0.17	0:00	23:59	16	24	7698	28	209.4	0.21	Rain event	
9/9/2007											Sunday, Meter not read, Rain event	(5)
9/10/2007	52.45	0.22	7:45	23:59	55	45	7770	72	538.6	0.16		
9/11/2007	52.55	0.12	8:01	23:59	24	16	7779	9	67.3	0.05		
9/12/2007	52.55	0.12	7:50	23:59	23	49	7786	7	52.4	0.04		
9/13/2007	52.55	0.12	7:48	23:59	23	58	7792	6	44.9	0.03		
9/14/2007	52.45	0.22	7:30	23:59	23	42	7800	8	59.8	0.04		
9/15/2007	52.55	0.12	8:19	23:59	24	49	7811	11	82.3	0.06		
9/16/2007											Sunday, Meter not read	
9/17/2007	52.45	0.22	7:39	23:59	47	20	7822	11	82.3	0.03		
9/18/2007	52.45	0.22	7:31	23:59	23	52	7827	5	37.4	0.03		
9/19/2007	52.55	0.12	7:32	23:59	24	1	7832	5	37.4	0.03		
9/20/2007	52.45	0.22	8:30	23:59	24	58	7839	7	52.4	0.03		
9/21/2007	52.50	0.17	8:30	23:59	24	0	7844	5	37.4	0.03	Pump turned off at 8:33 am for CRA test	
9/22/2007	52.25	0.42	9:38	23:59	25	8	7844				Not pumped	
9/23/2007											Sunday, Meter not read	
9/24/2007	52.25	0.42	9:50	23:59	48	12	7844				Not pumped due to GM union strike	
9/25/2007											Not pumped, Rain event	
9/26/2007	52.20	0.47	8:10	23:59	46	20	7844				Not pumped, Rain event	
9/27/2007	52.20	0.47	7:20	23:59	23	10	7913	69	516.1	0.37	Rain event	
9/28/2007	51.40	1.27	9:45	23:59	26	25	7921	8	59.8	0.04		
9/29/2007											Saturday, Meter not read	(5)
9/30/2007											Sunday, Meter not read	(5)
10/1/2007	51.15	1.52	8:43	23:59	70	58	8059	138	1,032.2	0.24		
10/2/2007	52.50	0.17	16:44	23:59	32	1	8076	17	127.2	0.07		
10/3/2007	52.60	0.07	7:49	23:59	15	5	8083	7	52.4	0.06		
10/4/2007	52.40	0.27	10:51	23:59	27	2	8090	7	52.4	0.03		
10/5/2007	52.40	0.27	9:09	23:59	22	18	8111	21	157.1	0.12	Rain event	
10/6/2007	52.30	0.37	9:29	23:59	24	20	8126	15	112.2	0.08		
10/7/2007											Sunday, Meter not read	(5)
10/8/2007	52.45	0.22	7:38	23:59	31	38	8141	15	112.2	0.06		
10/9/2007	52.50	0.17	9:19	23:59	25	41	8148	7	52.4	0.03		
10/10/2007	52.30	0.37	10:04	23:59	24	45	8153	5	37.4	0.03		
10/11/2007	52.35	0.32	13:24	23:59	27	20	8159	6	44.9	0.03		
10/12/2007	52.40	0.27	9:34	23:59	20	10	8163	4	29.9	0.02		
10/13/2007	52.50	0.17	19:18	23:59	33	44	8169	6	44.9	0.02		
10/14/2007	52.50	0.17	20:11	23:59	24	53	8173	4	29.9	0.02		
10/15/2007	52.40	0.27	21:31	23:59	25	20	8177	4	29.9	0.02		
10/16/2007	52.30	0.37	20:25	23:59	22	54	8182	5	37.4	0.03	Rain event	
10/17/2007	52.50	0.17	22:09	23:59	25	44	8184	2	15.0	0.01		
10/18/2007	52.40	0.27	20:34	23:59	22	25	8232	48	359.0	0.27	Heavy rainfall event	
10/19/2007	52.40	0.27	20:41	23:59	24	7	8260	28	209.4	0.14		
10/20/2007											Saturday, Meter not read	(5)
10/21/2007											Sunday, Meter not read	(5)
10/22/2007	52.40	0.27	13:27	23:59	64	46	8289	29	216.9	0.06	Rain event	
10/23/2007	52.50	0.17	8:04	23:59	18	37	8323	34	254.3	0.23	Rain event	

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7	Aug. 8 - Dec. 31									
Top of sump (datum reference)		0	0									
Bottom of sump (feet BTOS)		42.8	52.67									
Diameter of sump (feet)		6	6									
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft) start	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
10/24/2007	52.40	0.27	7:42	23:59	23	38	8437	114	852.7	0.60	Rain event	
10/25/2007	52.10	0.57	13:24	23:59	29	42	8459	22	164.6	0.09	Rain event	
10/26/2007	52.20	0.47	9:49	23:59	20	25	8471	12	89.8	0.07	Rain event	
10/27/2007											Saturday, Meter not read, Rain event	(5)
10/28/2007											Sunday, Meter not read	(5)
10/29/2007												
10/30/2007												
10/31/2007												
11/1/2007	52.50	0.17	11:15	23:59	145	26	8529	58	433.8	0.05		
11/2/2007					24	0	8539	10	74.8		No meter reading, Assumed 24 hours	
11/3/2007					24	0	8547	8	59.8		No meter reading, Assumed 24 hours	
11/4/2007					24	0	8557	10	74.8		No meter reading, Assumed 24 hours	
11/5/2007					24	0	8568	11	82.3		No meter reading, Assumed 24 hours	
11/6/2007					24	0	8583	15	112.2		No meter reading, Assumed 24 hours	
11/7/2007					24	0	8592	9	67.3		No meter reading, Assumed 24 hours	
11/8/2007					24	0	8599	7	52.4		No meter reading, Assumed 24 hours	
11/9/2007					24	0	8603	4	29.9		No meter reading, Assumed 24 hours	
11/10/2007					24	0	8605	2	15.0		No meter reading, Assumed 24 hours	
11/11/2007											Sunday, Meter not read, Rain event	(5)
11/12/2007	52.10	0.57	13:27	23:59	266	12	8620	15	112.2	0.01	No meter reading, Assumed 24 hours	
11/13/2007					24	0	8627	7	52.4		No meter reading, Assumed 24 hours, Rain event	
11/14/2007					24	0	8635	8	59.8		No meter reading, Assumed 24 hours	
11/15/2007					24	0	8635	0	0.0		No meter reading, Assumed 24 hours	
11/16/2007					24	0	8635	0	0.0		No meter reading, Assumed 24 hours	
11/17/2007					24	0	8648	13	97.2		No meter reading, Assumed 24 hours	
11/18/2007											Sunday, Meter not read	(5)
11/19/2007	52.20	0.47	10:10	23:59	164	43	8665	17	127.2	0.01		
11/20/2007	52.20	0.47	9:27	23:59	22	77	8665	0	0.0	0.00		
11/21/2007	52.20	0.47	10:12	23:59	24	45	8665	0	0.0	0.00	Rain event	
11/22/2007											Not pumped, Rain event	
11/23/2007	52.10	0.57	9:32	23:59	47	20	8665	0	0.0	0.00		
11/24/2007	52.10	0.57	20:21	23:59	34	49	8665	0	0.0	0.00		
11/25/2007											Sunday, Meter not read, Rain event	(5)
11/26/2007	51.10	1.57	21:32	23:59	49	11	8665	0	0.0	0.00	Rain event	
11/27/2007	50.60	2.07	2:20	23:59	4	48	8665	0	0.0	0.00		
11/28/2007	50.50	2.17	19:44	23:59	41	24	8872	207	1,548.4	0.62		
11/29/2007	52.40	0.27	21:19	23:59	25	35	8886	14	104.7	0.07		
11/30/2007	52.35	0.32	21:57	23:59	24	38	8897	11	82.3	0.06		
12/1/2007											Saturday, Meter not read	(5)
12/2/2007											Sunday, Meter not read, Rain event	(5)
12/3/2007	52.20	0.47	13:25	23:59	63	28	9008	111	830.3	0.22		
12/4/2007	52.30	0.37	7:38	23:59	18	13	9023	15	112.2	0.10		
12/5/2007											Not pumped, Rain event	
12/6/2007	52.20	0.47	10:00	23:59	50	22	9054	31	231.9	0.08		
12/7/2007											Rain event	
12/8/2007	52.20	0.47	10:20	23:59	48	20	9096	42	314.2	0.11	Rain event	
12/9/2007											Sunday, Meter not read, Heavy rainfall event	(5)
12/10/2007											Not pumped, Rain event	
12/11/2007	52.40	0.27	13:25	23:59	75	5	9328	232	1,735.4	0.39	Rain event	
12/12/2007	52.20	0.47	13:15	23:59	23	50	9434	106	792.9	0.55	Rain event	

TABLE 2.2B
2007 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	42.8	52.67
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (feet BTOS)</u>	<u>Water Depth (feet AFOS)</u>	<u>Time (hh:mm) start end</u>	<u>Duration of Pumping h m</u>	<u>Meter (cu. ft) start</u>	<u>Volume Pumped (cu. ft)</u>	<u>Volume Pumped (gallons)</u>	<u>Flow Rate (gallons/min)</u>	<u>Comments</u>	<u>Note</u>
12/13/2007						0	0.0		Rain event	
12/14/2007	52.30	0.37	8:40 23:59	43 25	9566	132	987.4	0.38		
12/15/2007	52.40	0.27	21:35 23:59	36 55	9694	128	957.4	0.43		
12/16/2007									Sunday, Meter not read, Rain event	(5)
12/17/2007	52.40	0.27	2:00 23:59	28 25	9828	134	1,002.3	0.59		
12/18/2007	52.30	0.37	23:15 23:59	45 15	9855	27	202.0	0.07		
12/19/2007	51.60	1.07	23:34 23:59	24 19	9855	0	0.0	0.00		
12/20/2007	51.30	1.37	22:42 23:59	23 8	9855	0	0.0	0.00	Rain event	
12/21/2007	50.90	1.77	21:40 23:59	22 58	9855	0	0.0	0.00		
12/22/2007	52.40	0.27	4:50 23:59	7 10	9998	143	1,069.6	2.49	Rain event	
12/23/2007									Sunday, Meter not read, Rain event	(5)
12/24/2007	52.30	0.37	9:42 23:59	52 52	10277	279	2,086.9	0.66		
12/25/2007	52.10	0.57	13:50 23:59	28 8	10303	26	194.5	0.12		
12/26/2007	52.20	0.47	13:15 23:59	23 25	10321	18	134.6	0.10	Rain event	
12/27/2007	52.20	0.47	14:10 23:59	24 55	10336	15	112.2	0.08	Rain event	
12/28/2007	52.30	0.37	14:04 23:59	23 54	10352	16	119.7	0.08	Rain event	
12/29/2007	52.20	0.47	13:27 23:59	23 23	10390	38	284.2	0.20		
12/30/2007	52.30	0.37	1:17 23:59	11 50	10418	28	209.4	0.29		
12/31/2007	52.20	0.47	2:23 23:59	25 6	10434	16	119.7		Rain event	
Total						11,880	88,862.1			
Average/day						32.5	244.1			

Notes:

BTOS - Below top of sump

AFOS - Above floor of sump

(1) No water was pumped on this date, however, the water level rose slightly between the two observation times.

(2) Not pumped, Contractor repairing pumping equipment

(3) Not pumped, water is at an acceptable level.

(4) System was operated throughout the day to accommodate pumping of the accumulating water.

(5) Sunday or holiday (no reading unless rain). Maximum one day without pumping unless currently raining or rained in the previous 24 hour period.

(6) Raining, sump pumped to empty.

(7) Contractor not on Site, manhole pumped next day.

(8) No pumping to accommodate placement of additional risers

TABLE 2.2C

2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 to Dec. 4	Dec. 5 to Dec. 31									
Top of sump (datum reference)		0	0.00									
Bottom of sump (feet BTOS)		52.8	58.67									
Diameter of sump (feet)		6	6									
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm)		Duration of Pumping		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
			start	end	h	m						
1/1/2008	52.20	0.60	1:34	23:59	23	11	10450	16	119.7	0.09		
1/2/2008	52.20	0.60	2:13	23:59	24	39	10481	31	231.9	0.16		
1/3/2008	52.20	0.60	1:12	23:59	22	59	10544	63	471.2	0.34		
1/4/2008	52.30	0.50	2:47	23:59	25	35	10647	103	770.4	0.50		
1/5/2008	52.20	0.60	6:04	23:59	27	17	10652	5	37.4	0.02	Rain event	
1/6/2008	52.20	0.60	13:38	23:59	31	34	10679	27	202.0	0.11		
1/7/2008	52.30	0.50	11:06	23:59	21	28	10695	16	119.7	0.09		
1/8/2008	52.30	0.50	11:29	23:59	24	23	10710	15	112.2	0.08	Heavy rainfall event	
1/9/2008	52.30	0.50	10:42	23:59	23	13	10879	169	1,264.1	0.91		
1/10/2008	52.30	0.50	13:59	23:59	27	17	10925	46	344.1	0.21	Rain event	
1/11/2008	52.20	0.60	14:39	23:59	24	40	10978	53	396.4	0.27		
1/12/2008	52.30	0.50	0:59	23:59	10	20	11002	24	179.5	0.29		
1/13/2008	52.30	0.50	1:19	23:59	24	20	11021	19	142.1	0.10	Rain event	
1/14/2008	52.20	0.60	1:36	23:59	24	17	11042	21	157.1	0.11		
1/15/2008	52.30	0.50	2:19	23:59	24	43	11068	26	194.5	0.13		
1/16/2008	52.20	0.60	1:39	23:59	23	20	11082	14	104.7	0.07		
1/17/2008	52.30	0.50	1:14	23:59	23	35	11126	44	329.1	0.23	Rain event	
1/18/2008	52.30	0.50	2:56	23:59	25	42	11195	69	516.1	0.33		
1/19/2008			5:52	23:59	26	56	11195	0	0.0	0.00	No water level reading	(1)
1/20/2008			13:24	23:59	31	32	11199	4	29.9	0.02	No water level reading	(1)
1/21/2008			14:10	23:59	24	46	11233	34	254.3	0.17	No water level reading	(1)
1/22/2008			10:45	23:59	20	35	11233	0	0.0	0.00	No water level reading, Rain event	(1)
1/23/2008			14:00	23:59	27	15	11242	9	67.3	0.04	No water level reading	(1)
1/24/2008			11:00	23:59	21	0	11254	12	89.8	0.07	No water level reading	(1)
1/25/2008			9:34	23:59	22	34	11262	8	59.8	0.04	No water level reading	(1)
1/26/2008			21:17	23:59	35	43	11281	19	142.1	0.07	No water level reading	(1)
1/27/2008			21:19	23:59	24	2	11296	15	112.2	0.08	No water level reading	(1)
1/28/2008			22:36	23:59	25	17	11357	61	456.3	0.30	No water level reading	(1)
1/29/2008							11389	32	239.4		No water level reading, Rain event	(1)
1/30/2008							11433	44	329.1		No water level reading	(1)
1/31/2008								17.5	130.9		No water level or meter reading. Volume estimated based on 35 cu. ft pumped between meter readings on Jan. 30 and Feb. 1.	(1), (2)
2/1/2008			21:53	23:59	95	17	11468	17.5	130.9	0.02	No water level or meter reading. Volume estimated based on 35 cu. ft pumped between meter readings on Jan. 30 and Feb. 1.	(1), (2)
2/2/2008											Sunday, Meter not read	(3)
2/3/2008			13:12	23:59	39	19	11494	26	194.5	0.08	No water level reading	(1)
2/4/2008							11524	30	224.4		No water level reading	(1)
2/5/2008							11605	81	605.9		No water level reading, Heavy rainfall event	(1)
2/6/2008							11860	255	1,907.4		No water level reading, Rain event	(1)
2/7/2008								68	508.6		Volume estimated based on 136 cu. ft pumped between meter readings on Feb. 6 and Feb. 8.	(4)
2/8/2008	52.30	0.50	13:33	23:59	120	21	11996	68	508.6	0.07	Volume estimated based on 136 cu. ft pumped between meter readings on Feb. 6 and Feb. 8.	(4)
2/9/2008	52.20	0.60	21:27	23:59	31	54	12039	43	321.6	0.17		
2/10/2008	52.30	0.50	23:15	23:59	25	48	12052	13	97.2	0.06		
2/11/2008	52.20	0.60	22:46	23:59	23	31	12067	15	112.2	0.08		
2/12/2008	52.20	0.60	21:17	23:59	22	31	12083	16	119.7	0.09	Rain event	
2/13/2008	52.20	0.60	2:38	23:59	5	21	12108	25	187.0	0.58		
2/14/2008	52.30	0.50	22:21	23:59	43	43	12127	19	142.1	0.05	Rain event	

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4		Dec. 5 to Dec. 31							
Top of sump (datum reference)			0		0.00							
Bottom of sump (feet BTOS)			52.8		58.67							
Diameter of sump (feet)			6		6							
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
2/15/2008	52.20	0.60	22:57	23:59	24	36	12158	31	231.9	0.16		
2/16/2008	52.20	0.60	13:53	23:59	14	56	12226	68	508.6	0.57		
2/17/2008	52.10	0.70	9:04	23:59	19	11	12272	46	344.1	0.30	Rain event	
2/18/2008	52.20	0.60	8:28	23:59	23	24	12307	35	261.8	0.19		
2/19/2008	52.10	0.70	10:03	23:59	25	35	12322	15	112.2	0.07		
2/20/2008	52.20	0.60	9:22	23:59	23	19	12336	14	104.7	0.07		
2/21/2008	52.20	0.60	10:27	23:59	25	5	12348	12	89.8	0.06		
2/22/2008	52.20	0.60	14:14	23:59	27	47	12367	19	142.1	0.09		
2/23/2008	52.20	0.60	3:32	23:59	13	18	12384	17	127.2	0.16	Rain event	
2/24/2008	52.20	0.60	23:34	23:59	44	2	12417	33	246.8	0.09	Rain event	
2/25/2008	52.30	0.50	22:12	23:59	22	38	12464	47	351.6	0.26	Rain event	
2/26/2008	52.20	0.60	21:47	23:59	23	35	12525	61	456.3	0.32	Rain event	
2/27/2008	52.10	0.70	22:55	23:59	25	8	12566	41	306.7	0.20	Rain event	
2/28/2008	52.20	0.60	21:27	23:59	22	32	12595	29	216.9	0.16		
2/29/2008	52.10	0.70	10:32	23:59	13	5	12644	49	366.5	0.47		
3/1/2008	52.20	0.60	6:30	23:59	19	58	12678	34	254.3	0.21		
3/2/2008	52.10	0.70	10:27	23:59	27	57	12714	36	269.3	0.16		
3/3/2008	52.20	0.60	23:15	23:59	36	48	12763	49	366.5	0.17	Rain event	
3/4/2008	52.10	0.70	13:34	23:59	14	19	12911	148	1,107.0	1.29	Rain event	
3/5/2008	52.20	0.60	11:17	23:59	21	43	12998	87	650.8	0.50		
3/6/2008	52.20	0.60	13:37	23:59	26	20	13046	48	359.0	0.23		
3/7/2008	52.20	0.60	13:33	23:59	23	56	13078	32	239.4	0.17		
3/8/2008	52.20	0.60	9:34	23:59	20	1	13099	21	157.1	0.13		
3/9/2008				23:59							Sunday, Meter not read.	(3)
3/10/2008	52.20	0.60	15:00	23:59	53	26	13115	16	119.7	0.04		
3/11/2008	52.20	0.60	11:56	23:59	20	56	13254	139	1,039.7	0.83		
3/12/2008	52.20	0.60	11:33	23:59	23	37	13286	32	239.4	0.17		
3/13/2008	52.20	0.60	14:51	23:59	27	18	13314	28	209.4	0.13		
3/14/2008	52.20	0.60	14:32	23:59	23	41	13334	20	149.6	0.11	Rain event	
3/15/2008	52.25	0.55	13:49	23:59	23	17	13355	21	157.1	0.11		
3/16/2008				23:59							Sunday, Meter not read.	(3)
3/17/2008	52.20	0.60	14:14	23:59	48	25	13378	23	172.0	0.06		
3/18/2008	52.20	0.60	13:09	23:59	22	55	13460	82	613.4	0.45	Heavy rainfall event	
3/19/2008	48.80	4.00	13:18	23:59	24	9	13702	242	1,810.2	1.25	Heavy rainfall event	
3/20/2008	52.20	0.60	15:34	23:59	26	16	13987	285	2,131.8	1.35		
3/21/2008	52.20	0.60	14:42	23:59	23	8	14049	62	463.8	0.33		
3/22/2008											Saturday, Meter not read.	(3)
3/23/2008	52.20	0.60	13:28	23:59	46	46	14102	53	396.4	0.14	Rain event	
3/24/2008	52.20	0.60	16:32		27	4	14123	21	157.1	0.10		
3/25/2008	52.20	0.60	9:57		17	25	14135	12	89.8	0.09		
3/26/2008	52.15	0.65	15:34		29	37	14153	18	134.6	0.08	Rain event	
3/27/2008	52.20	0.60	16:27		24	53	14223	70	523.6	0.35	Rain event	
3/28/2008	52.20	0.60	13:21		20	54	14301	78	583.4	0.47	Rain event	
3/29/2008	52.20	0.60	12:43		23	22	14384	83	620.8	0.44		
3/30/2008	52.10	0.70	9:41		20	58	14407	23	172.0	0.14	Rain event	
3/31/2008	52.20	0.60	13:57	23:59	28	16	14469	62	463.8	0.27	Rain event	
4/1/2008	52.20	0.60	11:35		21	38	14514	45	336.6	0.26	Rain event	
4/2/2008	52.10	0.70	14:11		27	-24	14524	10	74.8	0.05	Rain event	
4/3/2008	52.00	0.80	9:14		19	3	14524				Pump off pipe work - Rain event	(5)
4/4/2008	52.20	0.60	13:12		27	58	14620	96	718.1	0.43	Rain event	
4/5/2008	52.10	0.70	9:07		20	-5	14642	22	164.6	0.14		

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4	Dec. 5 to Dec. 31								
Top of sump (datum reference)			0	0.00								
Bottom of sump (feet BTOS)			52.8	58.67								
Diameter of sump (feet)			6	6								
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
4/6/2008	52.20	0.60	15:11		30	4	14668	26	194.5	0.11	Pump off pipe work	(5)
4/7/2008	52.20	0.60	15:31		24	20	14668				Pump off pipe work	(5)
4/8/2008	52.00	0.80	10:09		18	38	14668				Pump off pipe work	(5)
4/9/2008	51.80	1.00	13:48		27	39	14668				Pump turned back on at 2:10 PM - Rain event	
4/10/2008	52.20	0.60	11:33		21	45	15222	554	4,143.9	3.18	Rain event	
4/11/2008	52.20	0.60	10:17		22	44	15264	42	314.2	0.23	Rain event	
4/12/2008	52.25	0.55	13:35		27	18	15284	20	149.6	0.09	Rain event	
4/13/2008							0				Sunday, Meter not read. Rain event.	(3)
4/14/2008	52.20	0.60	16:18		50	43	15316	32	239.4	0.08		
4/15/2008	52.20	0.60	16:37		24	19	15331	15	112.2	0.08		
4/16/2008	52.20	0.60	15:31		23	-6	15343	12	89.8	0.07		
4/17/2008	52.20	0.60	16:09		24	38	15361	18	134.6	0.09		
4/18/2008	52.10	0.70	13:26		21	17	15384	23	172.0	0.13		
4/19/2008							0				Saturday, Meter not read. Rain event.	(3)
4/20/2008	52.20	0.60	14:30		49	4	15414	30	224.4	0.08		
4/21/2008	52.20	0.60	16:23		25	53	15426	12	89.8	0.06		
4/22/2008	52.20	0.60	12:12		19	49	15435	9	67.3	0.06		
4/23/2008	52.20	0.60	13:27		25	15	15459	24	179.5	0.12		
4/24/2008	52.20	0.60	14:12		24	45	15472	13	97.2	0.07	Rain event	
4/25/2008	52.20	0.60	10:59		20	47	15485	13	97.2	0.08		
4/26/2008	52.15	0.65	14:09		27	10	15510	25	187.0	0.11	Rain event	
4/27/2008							0				Sunday, Meter not read.	(3)
4/28/2008	52.10	0.70	16:12		50	3	15553	43	321.6	0.11	Off for CRA testing - Rain event	(6)
4/29/2008	52.20	0.60	12:44		20	32	15565	12	89.8	0.07		
4/30/2008	52.20	0.60	14:47									(7)
5/1/2008	52.20	0.60	14:05		49	21	15587	22	164.6	0.06		(7)
5/2/2008	52.20	0.60	11:14		21	9	15595	8	59.8	0.05	Rain event	
5/3/2008							0				Saturday, Meter not read.	(3)
5/4/2008	52.20	0.60	13:34		50	20	15629	34	254.3	0.08		
5/5/2008	52.20	0.60	14:58		25	24	15639	10	74.8	0.05		
5/6/2008	52.20	0.60	12:47		21	49	15652	13	97.2	0.07		
5/7/2008	52.20	0.60	11:16		22	29	15743	91	680.7	0.50	Rain event	
5/8/2008	52.20	0.60	9:38		22	22	15827	84	628.3	0.47	Rain event	
5/9/2008	52.20	0.60	13:34		27	56	15905	78	583.4	0.35	Rain event	
5/10/2008							0				Saturday, Meter not read. Rain event.	(3)
5/11/2008	52.20	0.60	13:29		47	55	15960	55	411.4	0.14	Rain event	
5/12/2008	52.20	0.60	10:42		21	13	16020	60	448.8	0.35		
5/13/2008	52.20	0.60	10:12		23	30	16038	18	134.6	0.10		
5/14/2008	52.20	0.60	16:49		30	37	16117	79	590.9	0.32	Rain event	
5/15/2008	52.20	0.60	15:00		22	11	16135	18	134.6	0.10	Rain event	
5/16/2008	52.20	0.60	12:48		21	48	16174	39	291.7	0.22		
5/17/2008	52.20	0.60	13:28		24	40	16228	54	403.9	0.27	Rain event	
5/18/2008							0				Sunday, Meter not read.	(3)
5/19/2008	52.20	0.60	14:12		48	44	16265	37	276.8	0.09	Rain event	
5/20/2008	52.20	0.60	13:47		23	35	16282	17	127.2	0.09	Rain event	
5/21/2008	52.20	0.60	14:08		24	21	16295	13	97.2	0.07		
5/22/2008	52.20	0.60	9:07		18	59	16308	13	97.2	0.09		
5/23/2008	52.20	0.60	9:29		24	22	16323	15	112.2	0.08	Rain event	
5/24/2008							0				Saturday, Meter not read.	(3)
5/25/2008	52.20	0.60	13:58		52	29	16358	35	261.8	0.08		
5/26/2008							0				Holiday, Meter not read. Rain event.	(3)

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4		Dec. 5 to Dec. 31							
Top of sump (datum reference)			0		0.00							
Bottom of sump (feet BTOS)			52.8		58.67							
Diameter of sump (feet)			6		6							
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm)		Duration of Pumping		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
			start	end	h	m						
5/27/2008	52.20	0.60	7:49		41	51	16385	27	202.0	0.08	Rain event	
5/28/2008	52.20	0.60	16:13		32	24	16500	115	860.2	0.44		
5/29/2008	52.20	0.60	15:21		23	8	16521	21	157.1	0.11		
5/30/2008	52.20	0.60	14:09		22	48	16544	23	172.0	0.13		
5/31/2008	52.20	0.60					0				Saturday, Meter not read.	(3)
6/1/2008	52.20	0.60	13:28		47	19	16562	18	134.6	0.05		
6/2/2008	52.20	0.60	10:29		21	1	16583	21	157.1	0.12		
6/3/2008	52.20	0.60	10:49		24	20	16594	11	82.3	0.06	Rain event	
6/4/2008	52.20	0.60	14:08		27	19	16612	18	134.6	0.08	Rain event	
6/5/2008	52.20	0.60	0:00		9	52	16623	11	82.3	0.14		
6/6/2008	52.20	0.60	12:19		36	19	16651	28	209.4	0.10		
6/7/2008	52.20	0.60	14:31		26	12	16709	58	433.8	0.28	Rain event	
6/8/2008							0				Sunday, Meter not read.	(3)
6/9/2008	52.20	0.60	12:48		46	17	16741	32	239.4	0.09	Rain event	
6/10/2008	52.20	0.60	9:19		20	31	16756	15	112.2	0.09	Rain event	
6/11/2008	52.20	0.60	10:52		25	33	16764	8	59.8	0.04		
6/12/2008	52.20	0.60	8:49		21	57	16778	14	104.7	0.08		
6/13/2008	52.20	0.60	16:58		32	9	16807	29	216.9	0.11	Rain event	
6/14/2008							0				Saturday, Meter not read.	(3)
6/15/2008	52.20	0.60	13:07		44	9	16824	17	127.2	0.05		
6/16/2008	52.25	0.55	16:51		27	44	16842	18	134.6	0.08		
6/17/2008	52.30	0.50	8:34		15	43	16854	12	89.8	0.10		
6/18/2008	52.20	0.60	13:21		28	47	16876	22	164.6	0.10		
6/19/2008	52.20	0.60	17:51		28	30	16883	7	52.4	0.03	Rain event	
6/20/2008	52.20	0.60	14:12		20	21	16892	9	67.3	0.06		
6/21/2008	52.20	0.60	13:17		23	5	16903	11	82.3	0.06		
6/22/2008							0				Sunday, Meter not read.	(3)
6/23/2008	52.20	0.60	17:16		51	59	16913	10	74.8	0.02		
6/24/2008	52.20	0.60	17:23		24	7	16938	25	187.0	0.13		
6/25/2008	52.20	0.60	14:23		21	0	16948	10	74.8	0.06		
6/26/2008	52.20	0.60	10:29		20	6	16957	9	67.3	0.06		
6/27/2008	52.20	0.60	15:31		29	2	16978	21	157.1	0.09	Rain event	
6/28/2008							0				Saturday, Meter not read. Rain event.	(3)
6/29/2008	52.20	0.60	11:09		43	38	17014	36	269.3	0.10	Rain event	
6/30/2008	52.20	0.60	0:00		12	51	17027	13	97.2	0.13		
7/1/2008	52.20	0.60	15:31		39	31					Meter not read	(8)
7/2/2008	52.20	0.60	11:57		20	26					Meter not read	(8)
7/3/2008	52.20	0.60	9:27		21	30					Meter not read. Rain event.	(8)
7/4/2008	52.20	0.60	10:09		24	42					Meter not read. Rain event.	(8)
7/5/2008	52.20	0.60	12:38		26	29					Meter not read	(8)
7/6/2008	52.20	0.60	10:14		21	36					Meter not read	(8)
7/7/2008	52.20	0.60	14:49		28	35					Meter not read. Rain event.	(8)
7/8/2008	52.20	0.60	11:42		20	53					Meter not read. Rain event.	(8)
7/9/2008	52.20	0.60	10:16		22	34					Meter not read. Rain event.	(8)
7/10/2008	52.20	0.60	12:19		26	3					Meter not read	(8)
7/11/2008	52.20	0.60	14:29		26	10					Meter not read	(8)
7/12/2008	52.30	0.50	14:53		24	24					Meter not read. Rain event.	(8)
7/13/2008	52.20	0.60	9:37		18	44					Meter not read.	(8)
7/14/2008	52.20	0.60	14:26		28	49					Meter not read	(8)
7/15/2008	52.20	0.60	12:06		21	40					Meter not read	(8)
7/16/2008	52.20	0.60	9:17		21	11					Meter not read	(8)

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4	Dec. 5 to Dec. 31								
Top of sump (datum reference)			0	0.00								
Bottom of sump (feet BTOS)			52.8	58.67								
Diameter of sump (feet)			6	6								
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm) start end		Duration of Pumping h m		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
7/17/2008	52.20	0.60	10:21		25	4					Meter not read	(8)
7/18/2008	52.30	0.50	12:48		26	27					Meter not read	(8)
7/19/2008											Meter not read	(3)
7/20/2008	52.20	0.60	13:09		48	21					Meter not read. Rain event.	(8)
7/21/2008	52.20	0.60	10:47		21	38					Meter not read	(8)
7/22/2008	52.30	0.50	10:27		23	40					Meter not read. Rain event.	(8)
7/23/2008	52.30	0.50	12:28		26	1					Meter not read	(8)
7/24/2008	52.30	0.50	12:14		23	46					Meter not read	(8)
7/25/2008	52.30	0.50	15:27		27	13					Meter not read	(8)
7/26/2008	52.30	0.50	13:51		22	24					Meter not read	(8)
7/27/2008											Meter not read	(3)
7/28/2008	52.30	0.50	12:26		46	35					Meter not read.	(8)
7/29/2008	52.30	0.50	12:22		23	56					Meter not read	(8)
7/30/2008	52.30	0.50	9:15		20	53					Meter not read. Rain event.	(8)
7/31/2008	52.30	0.50	13:14		27	59					Meter not read. Rain event.	(8)
8/1/2008											Meter not read.	(8)
8/2/2008	52.30	0.50	13:14		48	0	17412	385	2,879.8	0.06	Total volume between meter readings on 6/30 and 8/02.	(8)
8/3/2008	52.30	0.50	13:59		24	45	17435	23	172.0	0.12		
8/4/2008	52.30	0.50	11:24		21	25	17441	6	44.9	0.03		
8/5/2008	52.30	0.50	11:17		23	53	17449	8	59.8	0.04	Rain event	
8/6/2008	52.30	0.50	9:19		22	2	17454	5	37.4	0.03	Rain event	
8/7/2008	52.30	0.50	13:11		27	52	17461	7	52.4	0.03		
8/8/2008	52.30	0.50	13:36		24	25	17503	42	314.2	0.21		
8/9/2008	52.30	0.50	13:28		23	52	17512	9	67.3	0.05		
8/10/2008							0				Sunday, Meter not read.	(3)
8/11/2008	52.30	0.50	16:27		50	59	17528	16	119.7	0.04		
8/12/2008	52.30	0.50	11:21		18	54	17534	6	44.9	0.04		
8/13/2008	52.30	0.50	13:12		25	51	17537	3	22.4	0.01		
8/14/2008	52.30	0.50	9:20		20	8	17546	9	67.3	0.06		
8/15/2008	52.30	0.50	16:15		30	55	17557	11	82.3	0.04		
8/16/2008	52.30	0.50	13:58		21	43	17563	6	44.9	0.03		
8/17/2008	52.30	0.50	15:07		25	9	17568	5	37.4	0.02		
8/18/2008	52.30	0.50	11:34		20	27	17574	6	44.9	0.04		
8/19/2008	52.30	0.50	16:21		28	47	17583	9	67.3	0.04		
8/20/2008	52.30	0.50	13:39		21	18	17591	8	59.8	0.05		
8/21/2008	52.70	0.10	12:35		22	56	17598	7	52.4	0.04		
8/22/2008	52.70	0.10	17:38		29	3	17605	7	52.4	0.03		
8/23/2008	52.30	0.50	12:03		18	25	17609	4	29.9	0.03		
8/24/2008	52.30	0.50	15:00		26	57	17615	6	44.9	0.03		
8/25/2008	52.30	0.50	13:23		22	23	17621	6	44.9	0.03		
8/26/2008	52.30	0.50	16:42		27	19	17626	5	37.4	0.02		
8/27/2008	52.30	0.50	15:28		22	46	17631	5	37.4	0.03	Rain event	
8/28/2008	52.30	0.50	12:16		20	48	17635	4	29.9	0.02	Rain event	
8/29/2008	52.30	0.50	9:12		20	56	17639	4	29.9	0.02		
8/30/2008							0				Saturday, Meter not read.	(3)
8/31/2008	52.30	0.50	14:11		52	59	17648	9	67.3	0.02		
9/1/2008	52.30	0.50	11:31		21	20	17656	8	59.8	0.05		
9/2/2008	52.30	0.50	8:26		20	55	17668	12	89.8	0.07		
9/3/2008	52.30	0.50	13:58		29	32	17670	2	15.0	0.01		
9/4/2008	52.30	0.50	14:44		24	46	17684	14	104.7	0.07		
9/5/2008	52.30	0.50	13:06		22	22	17693	9	67.3	0.05		

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4		Dec. 5 to Dec. 31							
Top of sump (datum reference)			0		0.00							
Bottom of sump (feet BTOS)			52.8		58.67							
Diameter of sump (feet)			6		6							
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm)		Duration of Pumping		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
			start	end	h	m						
9/6/2008	52.30	0.50	9:42		20	36	17708	15	112.2	0.09		
9/7/2008							0				Sunday, Meter not read	(3)
9/8/2008	52.30	0.50	14:08		52	26	17712	4	29.9	0.01		
9/9/2008	52.30	0.50	11:27		21	19	17716	4	29.9	0.02		
9/10/2008	52.30	0.50	10:38		23	11	17721	5	37.4	0.03		
9/11/2008	52.30	0.50	14:16		27	38	17727	6	44.9	0.03		
9/12/2008	52.30	0.50	10:04		19	48	17734	7	52.4	0.04		
9/13/2008	52.30	0.50	8:55		22	51	17742.5	8.5	63.6	0.05		
9/14/2008	52.30	0.50	15:04		30	9	17748	5.5	41.1	0.02		
9/15/2008	52.30	0.50	8:24		17	20	17806	58	433.8	0.42		
9/16/2008	52.30	0.50	11:05		26	41	17815	9	67.3	0.04		
9/17/2008	52.30	0.50	10:54		23	49	17825	10	74.8	0.05		
9/18/2008	52.30	0.50	18:12		31	18	17836	11	82.3	0.04		
9/19/2008	52.30	0.50	17:43		23	31	17842	6	44.9	0.03		
9/20/2008	52.30	0.50	10:31		16	48	17849	7	52.4	0.05		
9/21/2008							0				Sunday, Meter not read.	(3)
9/22/2008	52.30	0.50	13:29		50	58	17862	13	97.2	0.03		
9/23/2008	52.30	0.50	14:27		24	58	17866	4	29.9	0.02		
9/24/2008	52.30	0.50	10:09		19	42	17871	5	37.4	0.03		
9/25/2008	52.30	0.50	13:35		27	26	17875	4	29.9	0.02		
9/26/2008	52.30	0.50	15:22		25	47	17882	7	52.4	0.03		
9/27/2008	52.30	0.50	17:21		25	59	17888	6	44.9	0.03		
9/28/2008	52.30	0.50	14:59		21	38	17894	6	44.9	0.03		
9/29/2008	52.30	0.50	18:23		27	24	17901	7	52.4	0.03		
9/30/2008	52.30	0.50									Meter not read.	(9)
10/1/2008	52.20	0.60									Meter not read	(9)
10/2/2008	52.15	0.65									Meter not read	(9)
10/3/2008	52.10	0.70									Meter not read	(9)
10/4/2008	52.00	0.80									Meter not read	(9)
10/5/2008	51.95	0.85									Meter not read	(9)
10/6/2008	51.80	1.00									Meter not read	(9)
10/7/2008	51.60	1.20									Meter not read. Rain event.	(9)
10/8/2008	51.40	1.40									Meter not read. Rain event.	(9)
10/9/2008	51.40	1.40									Meter not read	(9)
10/10/2008	51.20	1.60									Meter not read	(9)
10/11/2008	51.20	1.60									Meter not read	(9)
10/12/2008	51.10	1.70									Meter not read	(9)
10/13/2008	51.10	1.70									Meter not read	(9)
10/14/2008	51.00	1.80									Meter not read. Rain event.	(9)
10/15/2008	49.90	2.90									Meter not read. Rain event.	(9)
10/16/2008	49.90	2.90									Meter not read. Rain event.	(9)
10/17/2008	49.90	2.90									Meter not read	(9)
10/18/2008	49.90	2.90									Meter not read	(9)
10/19/2008											Meter not read	
10/20/2008	52.20	0.60	14:15		499	52	18045	144	1,077.1	0.04	Total volume between meter readings on 9/29 and 10/20.	(9)
10/21/2008	52.20	0.60									Meter not read	(10)
10/22/2008	52.10	0.70									Meter not read	(10)
10/23/2008	52.10	0.70									Meter not read	(10)
10/24/2008	52.00	0.80									Meter not read. Rain event.	(10)
10/25/2008											Meter not read	
10/26/2008	51.90	0.90									Meter not read	(10)

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4		Dec. 5 to Dec. 31							
Top of sump (datum reference)			0		0.00							
Bottom of sump (feet BTOS)			52.8		58.67							
Diameter of sump (feet)			6		6							
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm)		Duration of Pumping		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
			start	end	h	m						
10/27/2008	51.80	1.00									Meter not read	(10)
10/28/2008	51.80	1.00									Meter not read	(10)
10/29/2008	51.70	1.10									Meter not read	(10)
10/30/2008	51.70	1.10									Meter not read	(10)
10/31/2008	51.60	1.20									Meter not read	(10)
11/1/2008	51.60	1.20									Meter not read	(10)
11/2/2008	51.60	1.20									Meter not read	(10)
11/3/2008	51.40	1.40									Meter not read	(10)
11/4/2008	51.40	1.40									Meter not read	(10)
11/5/2008	51.40	1.40									Meter not read	(10)
11/6/2008	51.30	1.50									Meter not read. Rain event.	(10)
11/7/2008	51.30	1.50									Meter not read.	(10)
11/8/2008	51.20	1.60									Meter not read	(10)
11/9/2008	51.20	1.60									Meter not read	(10)
11/10/2008	51.10	1.70	15:45		504	90	18146	101	755.5	0.02	McIntyre Installed new pumps. Total volume between meter readings on 10/21 and 11/10.	(10)
11/11/2008	52.20	0.60	14:31		22	46	18157	11	82.3	0.06	Rain event	
11/12/2008	52.20	0.60	15:11		24	40	18168	11	82.3	0.06	Rain event	
11/13/2008	52.20	0.60	15:41		24	30	18178	10	74.8	0.05	Rain event	
11/14/2008	52.10	0.70	14:51		23	10	18178				Rain event	
11/15/2008	52.10	0.70	16:48		25	57	18178				Rain event	
11/16/2008	52.00	0.80	13:14		20	26	18178					
11/17/2008	52.00	0.80	15:27		26	13	18178					
11/18/2008	52.00	0.80	15:37		24	10	18178					
11/19/2008	52.00	0.80	14:16		22	39	18178					
11/20/2008	52.00	0.80	13:21		23	5						
11/21/2008	51.90	0.90	13:37		24	16						
11/22/2008	51.90	0.90	15:29		25	52						
11/23/2008	51.70	1.10	15:34		24	5						
11/24/2008	51.60	1.20	14:41		23	7					Rain event	
11/25/2008	51.60	1.20	17:12		26	31						
11/26/2008	51.50	1.30										
11/27/2008	51.50	1.30										
11/28/2008	51.40	1.40										
11/29/2008											Saturday, Meter not read.	(3)
11/30/2008											Sunday, Meter not read. Rain event.	(3)
12/1/2008	51.60	1.20	16:09		142	57					Rain event	
12/2/2008	51.40	1.40	14:32		22	23						
12/3/2008	51.20	1.60	16:10		25	38						
12/4/2008											Rain event	
12/5/2008											ENTACT working grading fill.	(11)
12/6/2008											ENTACT installed 6' riser to the top of the sump.	(11)
12/7/2008											ENTACT working grading fill. Rain event.	(11)
12/8/2008											ENTACT working grading fill	(11)
12/9/2008											ENTACT working grading fill. Rain event.	(11)
12/10/2008											ENTACT working grading fill. Rain event.	(11)
12/11/2008											ENTACT working grading fill	(11)
12/12/2008											ENTACT working grading fill	(11)
12/13/2008											ENTACT working grading fill	(11)
12/14/2008											ENTACT working grading fill. Rain event.	(11)
12/15/2008	56.40	2.27	17:36		289	26					ENTACT working grading fill. Rain event.	(11)

TABLE 2.2C
2008 PUMPING DATA
LEACHATE COLLECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information			Jan. 1 to Dec. 4		Dec. 5 to Dec. 31							
Top of sump (datum reference)			0		0.00							
Bottom of sump (feet BTOS)			52.8		58.67							
Diameter of sump (feet)			6		6							
Date	Water Level (feet BTOS)	Water Depth (feet AFOS)	Time (hh:mm)		Duration of Pumping		Meter (cu. ft)	Volume Pumped (cu. ft)	Volume Pumped (gallons)	Flow Rate (gallons/min)	Comments	Note
			start	end	h	m						
12/16/2008	56.30	2.37	17:43		24	7					ENTACT working grading fill	(11)
12/17/2008	56.10	2.57	17:49		24	6					ENTACT working grading fill	(11)
12/18/2008	56.00	2.67	17:50		24	1					Electrical Malfunction as per SES	(12)
12/19/2008	55.90	2.77	17:05		23	15					Electrical Malfunction as per SES	(12)
12/20/2008	-		-								Saturday, Meter not read.	(3)
12/21/2008	-		-								Sunday, Meter not read.	(3)
12/22/2008	55.20	3.47									No meter reading	(1)
12/23/2008	55.60	3.07									No meter reading. Rain event.	(1)
12/24/2008	55.50	3.17									No meter reading. Rain event.	(1)
12/25/2008	55.40	3.27									No meter reading	(1)
12/26/2008	54.20	4.47									No meter reading. Rain event.	(1)
12/27/2008	-										Saturday, Meter not read. Rain event.	(3)
12/28/2008	-										Sunday, Meter not read. Rain event.	(3)
12/29/2008	54.60	4.07									No meter reading	(1)
12/30/2008	54.80	3.87									No meter reading	(1)
12/31/2008	54.70	3.97									No meter reading	(1)
								Total	7,744.0	57,925.1		
								Average/day (thru Nov. 13)	24.35	182.2		

Notes:

BTOS - Below top of sump

AFOS - Above floor of sump

cu. ft - cubic feet

(1) No water level measurement/meter reading obtained.

(2) Volume estimated based on 35 cu. ft pumped between meter readings on January 30 and February 1.

(3) Saturday/Sunday/Holiday, no meter reading or water level measurements.

(4) Volume estimated based on 136 cu. ft pumped between meter readings on February 6 and February 8.

(5) Not pumped. Pump turned off to accommodate pipe work.

(6) Not pumped. Pump turned off to accommodate CRA sampling/testing.

(7) Volume estimated based on 220 cu. ft pumped between meter readings on April 29 and May 1.

(8) No pumping to accommodate placement of additional risers

(9) Volume estimated based on 1,440 cu. ft pumped between meter readings on September 29 and October 20.

(10) Volume estimated based on 1,010 cu. ft pumped between meter readings on October 21 and November 11.

(11) ENTACT working grading fill.

(12) Electrical malfunction as per SES.

TABLE 2.3A
2006 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0.0
Bottom of sump (feet BTOS)	37.40
Diameter of sump (feet)	6.0

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
8/30/2006	25.6	36.3	8:00	19:40	11.8	1.1	-10.7	11:40	302.54	2,262.96	3.23		
8/31/2006	34.9	34.7	13:45	18:05	2.5	2.7	0.2	4:20				No volume calculated	(1)
9/1/2006	34.2	37.1	8:55	14:00	3.2	0.3	-2.9	5:05	82.00	613.33	2.01	Rain event	
9/2/2006	36.8	36.8	9:50	12:15	0.6	0.6	0.0	2:25	0.00	0.00			
9/3/2006	36.8	36.8	10:00	11:20	0.6	0.6	0.0	1:20	0.00	0.00			
9/4/2006	36.8	37.0	9:40	11:25	0.6	0.4	-0.2	1:45	5.65	42.30	0.40		
9/5/2006	36.9	36.9	14:15	14:15	0.5	0.5	0.0					No volume calculated	
9/6/2006	36.5	36.8	14:45	18:00	0.9	0.6	-0.3	3:15	8.48	63.45	0.33		
9/7/2006	35.9	37.1	14:15	19:10	1.5	0.3	-1.2	4:55	33.93	253.79	0.86		
9/8/2006	32.9	34.1	13:50	19:30	4.5	3.3	-1.2	5:40	33.93	253.79	0.75		(2)
9/9/2006	36.9	36.9	15:10	15:10	0.5	0.5	0.0	0:00	0.00	0.00			
9/10/2006	36.9	36.9	9:50	9:50	0.5	0.5	0.0	0:00	0.00	0.00		Rain event	
9/11/2006	37.1	37	11:00	18:30	0.3	0.4	0.1	7:30				No volume calculated, Rain event	(1)
9/12/2006	36.9	36.8	10:30	18:45	0.5	0.6	0.1	8:15				No volume calculated, Heavy rainfall event	(1)
9/13/2006	32.7	34.1	9:45	17:45	4.7	3.3	-1.4	8:00	39.58	296.09	0.62	Rain event	(2)
9/14/2006	36.0	37.2	8:40	19:30	1.4	0.2	-1.2	10:50	33.93	253.79	0.39		
9/15/2006	34.4	37.2	18:20	0:00	3	0.2	-2.8	5:40	79.17	592.18	1.74	Pumped to empty, Rain event	(3)
9/16/2006	33.9	37.2	8:38	14:30	3.5	0.2	-3.3	5:52	93.31	697.92	1.98		
9/17/2006	35.9	37.2	8:05	9:45	1.5	0.2	-1.3	1:40	36.76	274.94	2.75	Rain event	
9/18/2006	37.0	37.2	9:20	17:00	0.4	0.2	-0.2	7:40	5.65	42.30	0.09	Rain event	
9/19/2006	35.8	37.2	11:40	17:15	1.6	0.2	-1.4	5:35	39.58	296.09	0.88		(1)
9/20/2006	36.8	37.2	11:25	13:39	0.6	0.2	-0.4	2:14	11.31	84.60	0.63		
9/21/2006	36.8	37.2	16:00	17:10	0.6	0.2	-0.4	1:10	11.31	84.60	1.21		
9/22/2006	36.9	37.2	8:15	9:05	0.5	0.2	-0.3	0:50	8.48	63.45	1.27	Rain event	
9/23/2006	35.9	37.2	8:40	11:00	1.5	0.2	-1.3	2:20	36.76	274.94	1.96	Rain event	
9/24/2006	34.8	37.2	8:05	9:40	2.6	0.2	-2.4	1:35	67.86	507.58	5.34		
9/25/2006	36.1	37.2	15:42	17:22	1.3	0.2	-1.1	1:40	31.10	232.64	2.33		
9/26/2006	36.8	37.2	8:33	10:30	0.6	0.2	-0.4	1:57	11.31	84.60	0.72		
9/27/2006	36.9	37.2	8:21	8:50	0.5	0.2	-0.3	0:29	8.48	63.45	2.19	Rain event	
9/28/2006	37.0	37.2	10:03	10:33	0.4	0.2	-0.2	0:30	5.65	42.30	1.41	Rain event	
9/29/2006	36.9	37.2	1:20	14:08	0.5	0.2	-0.3	12:48	8.48	63.45	0.08	Rain event	
9/30/2006	36.9	37.2		13:44	0.5	0.2	-0.3		8.48	63.45			
10/1/2006	37.0	37.2	10:12	10:41	0.4	0.2	-0.2	0:29	5.65	42.30	1.46		
10/2/2006	37.0	37.2	8:52	9:15	0.4	0.2	-0.2	0:23	5.65	42.30	1.84		
10/3/2006	36.9	37.2	13:53	14:27	0.5	0.2	-0.3	0:34	8.48	63.45	1.87	Rain event	
10/4/2006	37.0	37.2	14:19	14:52	0.4	0.2	-0.2	0:33	5.65	42.30	1.28		
10/5/2006	36.9	37.2	10:53	11:16	0.5	0.2	-0.3	0:23	8.48	63.45	2.76		
10/6/2006	36.9	37.2	14:23	15:16	0.5	0.2	-0.3	0:53	8.48	63.45	1.20		
10/7/2006	37.0	37.2	13:25	13:47	0.4	0.2	-0.2	0:22	5.65	42.30	1.92		
10/8/2006	37.0	37.2	10:26	10:42	0.4	0.2	-0.2	0:16	5.65	42.30	2.64		
10/9/2006	37.1	37.2	13:15	13:30	0.35	0.2	-0.15	0:15	4.24	31.72	2.11		
10/10/2006	37.1	37.2	13:58	14:12	0.35	0.2	-0.15	0:14	4.24	31.72	2.27		
10/11/2006	37.2	37.2	14:15	14:25	0.2	0.2	0	0:10	0.00	0.00	0.00	Rain event	
10/12/2006	37.1	37.2	13:26	13:47	0.35	0.2	-0.15	0:21	4.24	31.72	1.51		
10/13/2006	37.2	37.2	10:07	10:24	0.2	0.2	0	0:17	0.00	0.00	0.00		
10/14/2006	37.1	37.2	10:17	10:32	0.3	0.2	-0.1	0:15	2.83	21.15	1.41		
10/15/2006	37.2	37.2	7:18	7:34	0.2	0.2	0	0:16	0.00	0.00	0.00		
10/16/2006	37.2	37.2	9:30	9:43	0.25	0.2	-0.05	0:13	1.41	10.57	0.81	Heavy rainfall event	
10/17/2006	34.2	37.2	13:57	17:54	3.2	0.2	-3	3:57	84.82	634.48	2.68	Rain event, Pumped to empty	
10/18/2006	35.7	37.2	13:50	15:15	1.7	0.2	-1.5	1:25	42.41	317.24	3.73		

TABLE 2.3A
2006 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0.0
Bottom of sump (feet BTOS)	37.40
Diameter of sump (feet)	6.0

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
10/19/2006	36.7	37.2	14:28	15:28	0.7	0.2	-0.5	1:00	14.14	105.75	1.76	Rain event	
10/20/2006	36.4	37.2	13:26	14:40	1	0.2	-0.8	1:14	22.62	169.19	2.29		
10/21/2006	36.7	37.2	11:00	11:48	0.7	0.2	-0.5	0:48	14.14	105.75	2.20		
10/22/2006	36.9	37.2	9:36	10:51	0.5	0.2	-0.3	1:15	8.48	63.45	0.85		
10/23/2006	36.9	37.2	13:17	13:57	0.5	0.2	-0.3	0:40	8.48	63.45	1.59		
10/24/2006	36.9	37.2	14:29	14:49	0.5	0.2	-0.3	0:20	8.48	63.45	3.17		
10/25/2006	37.1	37.2	13:17	13:23	0.35	0.2	-0.15	0:06	4.24	31.72	5.29	Rain event	
10/26/2006	37.1	37.2	10:57	11:12	0.3	0.2	-0.1	0:15	2.83	21.15	1.41	Rain event	
10/27/2006												Rain event, pumped all day, no readings	(5)
10/28/2006	35.2	37.4	9:11	11:42	2.2	0	-2.2	2:31	62.20	465.28	3.08	Rain event, pumped to empty	
10/29/2006	36.3	37.4	10:03	10:53	1.1	0	-1.1	0:50	31.10	232.64	4.65		
10/30/2006	36.8	37.4	13:30	15:05	0.6	0	-0.6	1:35	16.96	126.90	1.34	Pumped to empty	
10/31/2006	36.9	37.4	13:59	14:30	0.5	0	-0.5	0:31	14.14	105.75	3.41	Rain event	
11/1/2006	36.9	37.4	13:18	13:44	0.5	0	-0.5	0:26	14.14	105.75	4.07	Rain event	
11/2/2006	36.9	37.4	13:38	14:00	0.5	0	-0.5	0:22	14.14	105.75	4.81		
11/3/2006	37.0	37.4	9:36	9:58	0.4	0	-0.4	0:22	11.31	84.60	3.85		
11/4/2006	37.0	37.4	13:14	13:35	0.4	0	-0.4	0:21	11.31	84.60	4.03		
11/5/2006	37.1	37.4	10:07	10:27	0.3	0	-0.3	0:20	8.48	63.45	3.17		
11/6/2006	37.1	37.4	14:47	15:07	0.35	0	-0.35	0:20	9.90	74.02	3.70	Rain event	
11/7/2006	36.9	37.4	13:20	13:46	0.5	0	-0.5	0:26	14.14	105.75	4.07	Rain event	
11/8/2006	33.5	37.4	13:20	16:55	3.9	0	-3.9	3:35	110.27	824.82	3.84	Pumped to empty	
11/9/2006	36.9	37.2	13:16	14:00	0.55	0.2	-0.35	0:44	9.90	74.02	1.68		
11/10/2006	36.8	37.4	14:57	15:40	0.6	0	-0.6	0:43	16.96	126.90	2.95		
11/11/2006	36.8	37.4	13:14	14:37	0.6	0	-0.6	1:23	16.96	126.90	1.53	Rain event	
11/12/2006												Pumped, No readings	(4)
11/13/2006	36.9	37.4	13:29	14:29	0.5	0	-0.5	1:00	14.14	105.75	1.76	Rain event	
11/14/2006	37.0	37.4	13:52	14:21	0.45	0	-0.45	0:29	12.72	95.17	3.28	Heavy rainfall event	
11/15/2006	36.5	37	7:59	8:20	0.9	0.4	-0.5	0:21	14.14	105.75	5.04	Rain event	
11/16/2006	34.3	37.4	8:50	10:20	3.1	0	-3.1	1:30	87.65	655.63	7.28	Pumped to empty	(5)
11/17/2006	36.1	37.4	13:33	15:20	1.35	0	-1.35	1:47	38.17	285.51	2.67		
11/18/2006	36.6	37.4	13:23	14:22	0.85	0	-0.85	0:59	24.03	179.77	3.05	Rain event	
11/19/2006									0.00	0.00		Sunday, not pumped	(4)
11/20/2006	36.9	37.4	13:19	14:02	0.5	0	-0.5	0:43	14.14	105.75	2.46		
11/21/2006	37.0	37.4	15:27	15:59	0.45	0	-0.45	0:32	12.72	95.17	2.97		
11/22/2006	36.9	37.4	10:23	10:42	0.55	0	-0.55	0:19	15.55	116.32	6.12		
11/23/2006									0.00	0.00		Not pumped	(4)
11/24/2006									0.00	0.00		Not pumped	(4)
11/25/2006									0.00	0.00		Not pumped	(4)
11/26/2006	36.9	37.4	10:16	10:47	0.55	0	-0.55	0:31	15.55	116.32	3.75		
11/27/2006	36.9	37.4	13:07	13:39	0.5	0	-0.5	0:32	14.14	105.75	3.30		
11/28/2006	36.9	37.4	16:26	16:51	0.55	0	-0.55	0:25	15.55	116.32	4.65		
11/29/2006	37.1	37.4	13:26	13:41	0.35	0	-0.35	0:15	9.90	74.02	4.93	Rain event	
11/30/2006	36.1	37.4	14:15	14:43	1.3	0	-1.3	0:28	36.76	274.94	9.82	Rain event	
12/1/2006	36.6	37.4	9:45	11:15	0.8	0	-0.8	1:30	22.62	169.19	1.88	Heavy rainfall event	
12/2/2006	36.1	37.4	10:02	11:05	1.3	0	-1.3	1:03	36.76	274.94	4.36		
12/3/2006												Not pumped	(4)
12/4/2006	35.5	37.4	13:30	15:27	1.9	0	-1.9	1:57	53.72	401.83	3.43		
12/5/2006	36.8	37.4	15:28	16:17	0.6	0	-0.6	0:49	16.96	126.90	2.59		
12/6/2006	36.8	37.4	16:31	17:24	0.6	0	-0.6	0:53	16.96	126.90	2.39		
12/7/2006	36.9	37.4	13:28	14:17	0.5	0	-0.5	0:49	14.14	105.75	2.16		

TABLE 2.3A
2006 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31

Top of sump (datum reference)	0.0
Bottom of sump (feet BTOS)	37.40
Diameter of sump (feet)	6.0

Date	Water Level (feet BTOS)		Time (hh:mm)		Water Depth (feet AFOS)		Change in Water	Duration of	Volume Pumped ^(*) (cu. ft)	Volume Pumped ^(*) (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
12/8/2006									0.00	0.00		Not pumped	(6)
12/9/2006	36.9	37.4	10:31	10:55	0.5	0	-0.5	0:24	14.14	105.75	4.41		
12/10/2006									0.00	0.00		Sunday, not pumped	(4)
12/11/2006	36.9	37.4	15:35	16:08	0.5	0	-0.5	0:33	14.14	105.75	3.20		
12/12/2006	36.9	37.4	13:15	13:45	0.5	0	-0.5	0:30	14.14	105.75	3.52	Rain event	
12/13/2006	35.2	37.4	14:32	15:57	2.2	0	-2.2	1:25	62.20	465.28	5.47		
12/14/2006	36.3	37.4	13:26	14:32	1.1	0	-1.1	1:06	31.10	232.64	3.52		
12/15/2006	36.8	37.4	13:25	14:15	0.6	0	-0.6	0:50	16.96	126.90	2.54		
12/16/2006	36.8	37.4	14:45	15:30	0.6	0	-0.6	0:45	16.96	126.90	2.82		
12/17/2006									0.00	0.00		Sunday, not pumped	(4)
12/18/2006	36.8	37.4	9:23	10:13	0.6	0	-0.6	0:50	16.96	126.90	2.54	Leak in joints 4/5 repaired	
12/19/2006	37.0	37.4	16:35	17:05	0.4	0	-0.4	0:30	11.31	84.60	2.82		
12/20/2006	37.1	37.4	14:44	15:13	0.3	0	-0.3	0:29	8.48	63.45	2.19	Rain event	
12/21/2006	36.9	37.4	1:20	13:50	0.5	0	-0.5	12:30	14.14	105.75	0.14	Heavy rainfall event	
12/22/2006	35.6	37.4	9:20	11:35	1.8	0	-1.8	2:15	50.89	380.69	2.82	Rain event	
12/23/2006	35.7	37.4	18:30	19:45	1.7	0	-1.7	1:15	48.07	359.54	4.79		
12/24/2006									0.00	0.00		Sunday, not pumped	(4)
12/25/2006	35.1	37.4	13:45	15:03	2.3	0	-2.3	1:18	65.03	486.43	6.24	Rain event	
12/26/2006	35.3	37.4	9:00	11:17	2.1	0	-2.1	2:17	59.38	444.13	3.24	Rain event	
12/27/2006	35.9	37.4	18:15	19:30	1.5	0	-1.5	1:15	42.41	317.24	4.23		
12/28/2006	36.9	37.4	18:30	19:45	0.5	0	-0.5	1:15	14.14	105.75	1.41		
12/29/2006	37.2	37.4	13:00	13:30	0.2	0	-0.2	0:30	5.65	42.30	1.41		
12/30/2006	36.9	37.4	18:30	19:10	0.5	0	-0.5	0:40	14.14	105.75	2.64		
12/31/2006	35.1	37.4	7:00	10:00	2.3	0	-2.3	3:00	65.03	486.43	2.70	Rain event	
Total									2,718.58	20,334.96			
Average/day									21.92	163.99			

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

(*) Volume pumped calculated based on storage volume of LDS

(1) No water was pumped on this date, however the water level rose slightly between the two observation times.

(2) Shutoff valves were misdirected and water from the underdrain system was inadvertently pumped into the LDS.

(3) Initial water level reading obtained late in the day such that pumping was performed the next morning.

(4) Sunday or holiday (no reading unless rain). Maximum 1 day without pumping unless currently raining or rain event has occurred in the previous 24 hours.

(5) Raining - system was operated throughout the day to accommodate pumping of the accumulating water.

(6) Contractor not on site, manhole pumped next day (12-09-06).

(7) Flushing of LDS began on 01-23-07. The sump is pumped empty (37.4 ft) in AM and then verified empty prior to leaving for the night. Flushing is being done during the day as per the Mannik & Smith report.

(8) Two rounds of flushing completed on 02-06-07. Pending analytical results, SES continues to pump LDMH empty daily.

(9) Readings not collected on this date because Contractor is overly busy (no rain occurred)

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information		Jan. 1 - Aug. 7		Aug. 8 - Dec. 31											
Top of sump (datum reference)		0.00		0											
Bottom of sump (feet BTOS)		37.40		45.25											
Diameter of sump (feet)		6		6											
Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Depth (feet)	Duration of Pumping (hh:mm)	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note		
	start	end	start	end	start	end									
1/1/2007												Rain event, Holiday, not pumped	(4)		
1/2/2007	36.10	37.40	15:00	17:00	1.3	0.0	-1.3	2:00	36.76	274.94	2.29				
1/3/2007	36.80	37.40	13:14	14:57	0.6	0.0	-0.6	1:43	16.96	126.90	1.23	Rain event			
1/4/2007	37.00	37.40	8:00	17:00	0.4	0.0	-0.4	9:00	11.31	84.60	0.16	Rain event			
1/5/2007	36.90	37.40	8:13	15:30	0.5	0.0	-0.5	7:17	14.14	105.75	0.24	Heavy rainfall event			
1/6/2007	35.90	37.40	8:12	15:30	1.5	0.0	-1.5	7:18	42.41	317.24	0.72	Rain event			
1/7/2007	36.30	37.40	11:30	15:07	1.1	0.0	-1.1	3:37	31.10	232.64	1.07	Rain event			
1/8/2007	36.40	37.40	8:00	9:17	1	0.0	-1.0	1:17	28.27	211.49	2.75	Rain event			
1/9/2007	36.80	37.40	8:00	8:55	0.6	0.0	-0.6	0:55	16.96	126.90	2.31	Rain event			
1/10/2007	36.80	37.40	8:45	9:47	0.6	0.0	-0.6	1:02	16.96	126.90	2.05				
1/11/2007	36.90	37.40	7:45	16:00	0.5	0.0	-0.5	8:15	14.14	105.75	0.21				
1/12/2007	36.90	37.40	7:15	16:00	0.5	0.0	-0.5	8:45	14.14	105.75	0.20	Rain event			
1/13/2007									0.00	0.00		Rain event, Not pumped (Sunday)	(4)		
1/14/2007	36.80	37.40	7:15	9:35	0.6	0.0	-0.6	2:20	16.96	126.90	0.91	Rain event			
1/15/2007	34.80	37.40	7:15	8:45	2.6	0.0	-2.6	1:30	73.51	549.88	6.11	Rain event			
1/16/2007	35.50	37.40	7:30	15:30	1.9	0.0	-1.9	8:00	53.72	401.83	0.84				
1/17/2007	36.70	37.40	7:41	16:00	0.7	0.0	-0.7	8:19	19.79	148.04	0.30				
1/18/2007	36.80	37.40	7:30	14:00	0.6	0.0	-0.6	6:30	16.96	126.90	0.33				
1/19/2007	36.90	37.40	8:15	15:30	0.5	0.0	-0.5	7:15	14.14	105.75	0.24				
1/20/2007	37.00	37.40	8:00	15:30	0.4	0.0	-0.4	7:30	11.31	84.60	0.19				
1/21/2007	36.90	37.40	10:00	11:30	0.5	0.0	-0.5	1:30	14.14	105.75	1.17	Rain event			
1/22/2007	36.90	37.40	8:30	11:30	0.5	0.0	-0.5	3:00	14.14	105.75	0.59				
1/23/2007	36.90	37.40	8:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)		
1/24/2007	36.80	37.40	7:00		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)		
1/25/2007	36.20	37.40	7:30		1.2	0.0	-1.2		33.93	253.79		Flushed with potable water and pumped dry	(7)		
1/26/2007	34.30	37.40	7:30		3.1	0.0	-3.1		87.65	655.63		Flushed with potable water and pumped dry	(7)		
1/27/2007	36.40	37.40	7:36		1	0.0	-1.0		28.27	211.49		Flushed with potable water and pumped dry	(7)		
1/28/2007									0.00	0.00		Sunday, Not pumped	(4)		
1/29/2007	37.10	37.40	7:40		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)		
1/30/2007	37.40	37.40	7:50		0	0.0	0.0		0.00	0.00		Flushed with potable water and pumped dry	(7)		
1/31/2007	37.30	37.40	11:00		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)		
2/1/2007	30.00	37.40	7:41		7.4	0.0	-7.4		209.23	1,565.04		Flushed with potable water and pumped dry	(7)		
2/2/2007	37.20	37.40	8:11		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)		
2/3/2007	27.70	37.40	8:04		9.7	0.0	-9.7		274.26	2,051.47		Flushed with potable water and pumped dry	(7)		
2/4/2007									0.00	0.00		Sunday, Not pumped	(4)		
2/5/2007	25.10	37.40	9:00		12.3	0.0	-12.3		347.77	2,601.35		Flushed with potable water and pumped dry	(7)		
2/6/2007	35.90	37.40	13:00		1.5	0.0	-1.5		42.41	317.24		Flushed with potable water and pumped dry	(8)		
2/7/2007	36.50	37.40	10:30		0.9	0.0	-0.9		25.45	190.34		Flushed with potable water/pumped dry, Rain event	(7)		
2/8/2007	37.40	37.40	7:45		0	0.0	0.0		0.00	0.00		Flushed with potable water and pumped dry	(7)		
2/9/2007	37.10	37.40	7:45		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water/pumped dry, Rain event	(7)		
2/10/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)		
2/11/2007									0.00	0.00		Sunday, Not pumped	(4)		
2/12/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)		
2/13/2007	37.30	37.40	8:15		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Heavy rain	(7)		
2/14/2007	35.70	37.40	8:45		1.7	0.0	-1.7		48.07	359.54		Flushed with potable water and pumped dry	(7)		
2/15/2007	36.90	37.40	8:00		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)		
2/16/2007	37.00	37.40	8:00		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)		
2/17/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water/pumped dry, Rain event	(7)		
2/18/2007									0.00	0.00		Sunday, Not pumped. Rain event.	(4)		
2/19/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)		

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)	0.00	0
Bottom of sump (feet BTOS)	37.40	45.25
Diameter of sump (feet)	6	6

Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽¹⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
2/20/2007	36.90	37.40	11:25		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
2/21/2007	35.30	37.40	7:30		2.1	0.0	-2.1		59.38	444.13		Flushed with potable water and pumped dry	(7)
2/22/2007	36.70	37.40	7:30		0.7	0.0	-0.7		19.79	148.04		Flushed with potable water and pumped dry	(7)
2/23/2007	36.80	37.40	7:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
2/24/2007	37.10	37.40	10:00		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water/pumped dry, Heavy rain	(7)
2/25/2007	35.90	37.40	10:00		1.5	0.0	-1.5		42.41	317.24		Flushed with potable water/pumped dry, Rain event	(7)
2/26/2007	36.30	37.40	7:30		1.1	0.0	-1.1		31.10	232.64		Flushed with potable water and pumped dry	(7)
2/27/2007												Pumped dry, No reading	(9)
2/28/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
3/1/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
3/2/2007	36.30	37.40	7:30		1.1	0.0	-1.1		31.10	232.64		Flushed with potable water and pumped dry	(7)
3/3/2007	36.80	37.40	7:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
3/4/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
3/5/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)
3/6/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
3/7/2007	37.30	37.40	9:00		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
3/8/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
3/9/2007	37.30	37.40	14:00		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
3/10/2007	37.40	37.40	7:30		0	0.0	0.0		0.00	0.00		Flushed with potable water/pumped dry, Rain event	(7)
3/11/2007									0.00	0.00		Sunday, Not pumped	(4)
3/12/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
3/13/2007	37.40	37.40	7:30		0	0.0	0.0		0.00	0.00		Flushed with potable water and pumped dry	(7)
3/14/2007	37.40	37.40	7:30		0	0.0	0.0		0.00	0.00		Flushed with potable water and pumped dry	(7)
3/15/2007	37.30	37.40	9:00		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
3/16/2007									0.00			Pumped dry, No reading	(9)
3/17/2007	37.10	37.40	9:00		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
3/18/2007									0.00	0.00		Sunday, Not pumped	(4)
3/19/2007	37.00	37.40	8:20		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)
3/20/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
3/21/2007	36.80	37.40	1:20		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
3/22/2007	37.00	37.40	10:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)
3/23/2007	36.80	37.40	10:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water/pumped dry, Rain event	(7)
3/24/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
3/25/2007									0.00	0.00		Sunday, Not pumped	(4)
3/26/2007	36.80	37.40	8:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
3/27/2007	37.10	37.40	3:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
3/28/2007	37.40	37.40	7:30		0	0.0	0.0		0.00	0.00		Flushed with potable water/pumped dry, Rain event	(7)
3/29/2007	36.90	37.40	8:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
3/30/2007	37.00	37.40	8:00		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)
3/31/2007	36.90	37.40	8:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
4/1/2007									0.00	0.00		Sunday, Not pumped. Rain event.	(4)
4/2/2007	33.50	37.40	7:30		3.9	0.0	-3.9		110.27	824.82		Flushed with potable water and pumped dry	(7)
4/3/2007	36.80	37.40	7:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water/pumped dry, Heavy rain	(7)
4/4/2007	36.00	37.40	8:30		1.4	0.0	-1.4		39.58	296.09		Flushed with potable water and pumped dry	(7)
4/5/2007	36.80	37.40	8:00		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
4/6/2007	36.90	37.40	8:00		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
4/7/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
4/8/2007									0.00	0.00		Sunday, Not pumped	(4)
4/9/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)
4/10/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
4/11/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)	0.00	0
Bottom of sump (feet BTOS)	37.40	45.25
Diameter of sump (feet)	6	6

Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽¹⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
4/12/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)
4/13/2007	36.90	37.40	8:50		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
4/14/2007	36.90	37.40	8:00		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
4/15/2007									0.00	0.00		Sunday, Not pumped	(4)
4/16/2007	36.70	37.40	7:30		0.7	0.0	-0.7		19.79	148.04		Flushed with potable water and pumped dry	(7)
4/17/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)
4/18/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)
4/19/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water and pumped dry	(7)
4/20/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
4/21/2007	37.20	37.40	8:01		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
4/22/2007									0.00	0.00		Sunday, Not pumped	(4)
4/23/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water/pumped dry, Rain event	(7)
4/24/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water/pumped dry, Rain event	(7)
4/25/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
4/26/2007	37.00	37.40	7:30		0.4	0.0	-0.4		11.31	84.60		Flushed with potable water/pumped dry, Rain event	(7)
4/27/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water/pumped dry, Rain event	(7)
4/28/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
4/29/2007									0.00	0.00		Sunday, Not pumped	(4)
4/30/2007	36.90	37.40	7:40		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
5/1/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
5/2/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
5/3/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
5/4/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
5/5/2007									0.00	0.00		Saturday, Not pumped	(4)
5/6/2007									0.00	0.00		Sunday, Not pumped	(4)
5/7/2007	36.80	37.40	7:30		0.6	0.0	-0.6		16.96	126.90		Flushed with potable water and pumped dry	(7)
5/8/2007	37.20	37.40	7:30		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
5/9/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
5/10/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
5/11/2007	37.40	37.40	7:30		0	0.0	0.0		0.00	0.00		Flushed with potable water and pumped dry	(7)
5/12/2007									0.00	0.00		Saturday, Not pumped	(4)
5/13/2007									0.00	0.00		Sunday, Not pumped	(4)
5/14/2007	37.10	37.40	7:40		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
5/15/2007	37.30	37.40	7:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water/pumped dry, Rain event	(7)
5/16/2007	37.10	37.40	7:30		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water/pumped dry, Rain event	(7)
5/17/2007	37.30	37.40	8:30		0.1	0.0	-0.1		2.83	21.15		Flushed with potable water and pumped dry	(7)
5/18/2007	37.20	37.40	8:20		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
5/19/2007									0.00	0.00		Saturday, Not pumped	(4)
5/20/2007									0.00	0.00		Sunday, Not pumped	(4)
5/21/2007	37.10	37.40	7:45		0.3	0.0	-0.3		8.48	63.45		Flushed with potable water and pumped dry	(7)
5/22/2007	37.35	37.40	7:30		0.05	0.0	0.0		1.41	10.57		Flushed with potable water and pumped dry	(7)
5/23/2007	37.20	37.40	7:40		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
5/24/2007	37.05	37.40	7:20		0.35	0.0	-0.4		9.90	74.02		Flushed with potable water and pumped dry	(7)
5/25/2007									0.00	0.00		Holiday, not pumped	(4)
5/26/2007									0.00	0.00		Holiday, not pumped	(4)
5/27/2007									0.00	0.00		Holiday, not pumped, Rain event	(4)
5/28/2007									0.00	0.00		Holiday, not pumped, Rain event	(4)
5/29/2007	36.90	37.40	7:30		0.5	0.0	-0.5		14.14	105.75		Flushed with potable water and pumped dry	(7)
5/30/2007	37.20	37.40	15:20		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
5/31/2007	37.25	37.40	11:20		0.15	0.0	-0.1		4.24	31.72		Flushed with potable water and pumped dry	(7)
6/1/2007	37.25	37.40	7:30		0.15	0.0	-0.1		4.24	31.72		Flushed with potable water/pumped dry, Rain event	(7)

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>		<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)		0.00	0
Bottom of sump (feet BTOS)		37.40	45.25
Diameter of sump (feet)		6	6

Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
6/2/2007	37.25	37.40	7:10		0.15	0.0	-0.1		4.24	31.72		Flushed with potable water and pumped dry	(7)
6/3/2007	37.20	37.40	7:40		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water and pumped dry	(7)
6/4/2007	37.20	37.40	7:35		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water/pumped dry, Rain event	(7)
6/5/2007	37.20	37.40	10:40		0.2	0.0	-0.2		5.65	42.30		Flushed with potable water/pumped dry, Rain event	(7)
6/6/2007												Not pumped	
6/7/2007	37.00	37.40	10:30	10:43	0.4	0.0	-0.4	0:13	11.31	84.60	6.51		
6/8/2007	37.30	37.40	7:52	7:57	0.1	0.0	-0.1	0:05	2.83	21.15	4.23	Rain event	
6/9/2007	37.05	37.40	7:15	7:28	0.35	0.0	-0.4	0:13	9.90	74.02	5.69		
6/10/2007	37.30		7:30		0.1				0.00	0.00		Not pumped	
6/11/2007	37.10	37.40	7:30	7:44	0.3	0.0	-0.3	0:14	8.48	63.45	4.53		
6/12/2007	37.25	37.40	7:20	7:32	0.15	0.0	-0.1	0:12	4.24	31.72	2.64		
6/13/2007	37.25	37.40	7:20	7:32	0.15	0.0	-0.1	0:12	4.24	31.72	2.64		
6/14/2007	37.25	37.40	8:05	8:16	0.15	0.0	-0.1	0:11	4.24	31.72	2.88		
6/15/2007	37.25	37.40	7:25	7:28	0.15	0.0	-0.1	0:03	4.24	31.72	10.57		
6/16/2007	37.25	37.40	7:30	7:43	0.15	0.0	-0.1	0:13	4.24	31.72	2.44		
6/17/2007									0.00	0.00		Sunday, Not pumped	(4)
6/18/2007	36.95	37.40	7:20	7:35	0.45	0.0	-0.4	0:15	12.72	95.17	6.34	Rain event	
6/19/2007	37.10	37.40	8:20	8:20	0.3	0.0	-0.3	0:00	8.48	63.45		Rain event	
6/20/2007	37.15	37.40	13:08	13:16	0.25	0.0	-0.3	0:08	7.07	52.87	6.61		
6/21/2007	37.20	37.40	7:30	7:39	0.2	0.0	-0.2	0:09	5.65	42.30	4.70		
6/22/2007	37.20	37.40	10:00	10:10	0.2	0.0	-0.2	0:10	5.65	42.30	4.23	Rain event	
6/23/2007	37.25	37.40	7:00	7:13	0.15	0.0	-0.1	0:13	4.24	31.72	2.44	Rain event	
6/24/2007									0.00	0.00		Sunday, Not pumped	(4)
6/25/2007	36.90	37.40	7:30	7:43	0.5	0.0	-0.5	0:13	14.14	105.75	8.13	Rain event	
6/26/2007	36.90	37.40	8:12	8:25	0.5	0.0	-0.5	0:13	14.14	105.75	8.13	Rain event	
6/27/2007	37.00	37.40	9:30	9:41	0.4	0.0	-0.4	0:11	11.31	84.60	7.69	Rain event	
6/28/2007	37.10	37.40	8:30	8:42	0.3	0.0	-0.3	0:12	8.48	63.45	5.29	Rain event	
6/29/2007	37.10	37.40	7:22	7:28	0.3	0.0	-0.3	0:06	8.48	63.45	10.57	Rain event	
6/30/2007	37.00	37.40	8:06	8:13	0.4	0.0	-0.4	0:07	11.31	84.60	12.09		
7/1/2007									0.00	0.00		Sunday, Not pumped	(4)
7/2/2007	37.40	37.40	7:25	7:40	0	0.0	0.0	0:15	0.00	0.00	0.00		
7/3/2007	37.20	37.40	7:18	7:28	0.2	0.0	-0.2	0:10	5.65	42.30	4.23		
7/4/2007												Rain event	
7/5/2007	37.00	37.40	7:20	7:40	0.4	0.0	-0.4	0:20	11.31	84.60	4.23	Rain event	
7/6/2007	37.40	37.40	7:50	8:10	0	0.0	0.0	0:20	0.00	0.00	0.00		
7/7/2007	37.40	37.40	7:20	7:35	0	0.0	0.0	0:15	0.00	0.00	0.00		
7/8/2007									0.00	0.00		Sunday, Not pumped	(4)
7/9/2007	37.00	37.40	8:07	8:19	0.4	0.0	-0.4	0:12	11.31	84.60	7.05		
7/10/2007	37.25	37.40	7:20	7:32	0.15	0.0	-0.1	0:12	4.24	31.72	2.64	Rain event	
7/11/2007	37.25	37.40	7:26	7:31	0.15	0.0	-0.1	0:05	4.24	31.72	6.34	Rain event	
7/12/2007	37.20	37.40	10:01	10:07	0.2	0.0	-0.2	0:06	5.65	42.30	7.05		
7/13/2007	37.25	37.40	7:19	7:32	0.15	0.0	-0.1	0:13	4.24	31.72	2.44		
7/14/2007	37.25	37.40	7:40	7:48	0.15	0.0	-0.1	0:08	4.24	31.72	3.97		
7/15/2007									0.00	0.00		Sunday, Not pumped	(4)
7/16/2007	37.25		13:40		0.15				0.00	0.00		Not pumped	
7/17/2007	37.10		7:20		0.3				0.00	0.00		Heavy rainfall event, Not pumped	
7/18/2007	36.95	37.40	8:45	9:03	0.45	0.0	-0.4	0:18	12.72	95.17	5.29	Rain event	
7/19/2007	36.95	37.40	9:30	9:50	0.45	0.0	-0.4	0:20	12.72	95.17	4.76	Rain event	
7/20/2007	37.05	37.40	8:27	8:39	0.35	0.0	-0.4	0:12	9.90	74.02	6.17		
7/21/2007	37.25	37.40	8:20	8:35	0.15	0.0	-0.1	0:15	4.24	31.72	2.11		
7/22/2007									0.00	0.00		Sunday, Not pumped	(4)

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>		<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)		0.00	0
Bottom of sump (feet BTOS)		37.40	45.25
Diameter of sump (feet)		6	6

Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)					
7/23/2007	37.15	37.40	8:03	8:12	0.25	0.0	-0.3	0:09	7.07	52.87	5.87		
7/24/2007	37.30	37.40	7:29	7:38	0.1	0.0	-0.1	0:09	2.83	21.15	2.35		
7/25/2007	37.30	37.40	7:22	7:35	0.1	0.0	-0.1	0:13	2.83	21.15	1.63		
7/26/2007	37.30	37.40	7:31	7:42	0.1	0.0	-0.1	0:11	2.83	21.15	1.92		
7/27/2007	37.30	37.40	7:26	7:35	0.1	0.0	-0.1	0:09	2.83	21.15	2.35	Rain event	
7/28/2007	37.30	37.40	7:33	7:39	0.1	0.0	-0.1	0:06	2.83	21.15	3.52	Rain event	
7/29/2007									0.00	0.00		Sunday, Not pumped	
7/30/2007	37.10	37.40	7:30	7:43	0.3	0.0	-0.3	0:13	8.48	63.45	4.88		
7/31/2007													
8/1/2007	37.30	37.40	10:03	10:20	0.10	0.0	-0.1	0:17	2.83	21.15	1.24		
8/2/2007	37.30	37.40	9:00	9:09	0.10	0.0	-0.1	0:09	2.83	21.15	2.35		
8/3/2007	37.10	37.40	17:53	18:02	0.30	0.0	-0.3	0:09	8.48	63.45	7.05		
8/4/2007	37.30	37.40	9:55	10:05	0.10	0.0	-0.1	0:10	2.83	21.15	2.11	Rain event	
8/5/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
8/6/2007	37.00		14:00		0.40				0.00	0.00		Not pumped	
8/7/2007	37.00		7:47		0.40				0.00	0.00		Not pumped	
8/8/2007									0.00	0.00		Not pumped	
8/9/2007									0.00	0.00		Not pumped	
8/10/2007									0.00	0.00		Not pumped	
8/11/2007									0.00	0.00		Not pumped	
8/12/2007									0.00	0.00		Not pumped	
8/13/2007									0.00	0.00		Not pumped	
8/14/2007	45.20	45.25	10:15	10:27	0.05	0.0	0.0	0:12	1.41	10.57	0.88		
8/15/2007	45.20	45.25	15:50	15:59	0.05	0.0	0.0	0:09	1.41	10.57	1.17		
8/16/2007	45.10	45.25	7:50	8:09	0.15	0.0	-0.1	0:19	4.24	31.72	1.67	Rain event	
8/17/2007	45.25	45.25	7:30	7:40	0	0.0	0.0	0:10	0.00	0.00	0.00		
8/18/2007	45.20	45.25	9:42	9:54	0.05	0.0	0.0	0:12	1.41	10.57	0.88		
8/19/2007	45.20	45.25	8:45	8:50	0.05	0.0	0.0	0:05	1.41	10.57	2.11		
8/20/2007									0.00	0.00		Not pumped	
8/21/2007									0.00	0.00		Not pumped, Rain event	
8/22/2007									0.00	0.00		Not pumped	
8/23/2007	45.00	45.25	13:30	14:00	0.25	0.0	-0.3	0:30	7.07	52.87	1.76		
8/24/2007	45.25	45.25	7:55	8:06	0	0.0	0.0	0:11	0.00	0.00	0.00		
8/25/2007	45.25	45.25	8:34	8:46	0	0.0	0.0	0:12	0.00	0.00	0.00	Rain event	
8/26/2007									0.00	0.00		Sunday, Not pumped	(4)
8/27/2007	45.15	45.25	8:08	8:25	0.1	0.0	-0.1	0:17	2.83	21.15	1.24		
8/28/2007	45.25	45.25	14:44	15:13	0	0.0	0.0	0:29	0.00	0.00	0.00		
8/29/2007	45.20		8:42		0.05				0.00	0.00		Not pumped	
8/30/2007	45.10		13:03		0.15				0.00	0.00		Not pumped	
8/31/2007	45.20	45.25	8:13	8:22	0.05	0.0	0.0	0:09	1.41	10.57	1.17		
9/1/2007	45.20	45.25	7:44	7:55	0.05	0.0	0.0	0:11	1.41	10.57	0.96		
9/2/2007									0.00	0.00		Sunday, Not pumped	(4)
9/3/2007	45.20	45.25	8:00	8:10	0.05	0.0	0.0	0:10	1.41	10.57	1.06		
9/4/2007	45.20	45.25	13:15	13:24	0.05	0.0	0.0	0:09	1.41	10.57	1.17		
9/5/2007	45.20	45.25	7:45	7:53	0.05	0.0	0.0	0:08	1.41	10.57	1.32		
9/6/2007	45.20	45.25	2:28	2:41	0.05	0.0	0.0	0:13	1.41	10.57	0.81	Rain event	
9/7/2007	45.20	45.25	7:34	7:42	0.05	0.0	0.0	0:08	1.41	10.57	1.32	Rain event	
9/8/2007	45.20	45.25	7:14	7:22	0.05	0.0	0.0	0:08	1.41	10.57	1.32	Rain event	
9/9/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
9/10/2007	45.15	45.25	7:42	7:52	0.1	0.0	-0.1	0:10	2.83	21.15	2.11		
9/11/2007	45.20	45.25	7:57	8:07	0.05	0.0	0.0	0:10	1.41	10.57	1.06		

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>		<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>										
Top of sump (datum reference)		0.00	0										
Bottom of sump (feet BTOS)		37.40	45.25										
Diameter of sump (feet)		6	6										
Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾		Flow Rate	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)	(cu. ft)	(gallons)	(gallons/min)		
9/12/2007	45.20	45.25	7:47	7:56	0.05	0.0	0.0	0:09	1.41	10.57	1.17	level above 43.3 ft in order to observe the sump response.	
9/13/2007	45.20		7:45		0.05		0.0		1.41	10.57		BTOS, not pumped	(10)
9/14/2007	45.20		7:28		0.05				0.00	0.00		Not pumped	(10)
9/15/2007	45.20		8:09		0.05				0.00	0.00		Not pumped	(10)
9/16/2007									0.00	0.00		Sunday, Not pumped	(4)
9/17/2007	45.20		7:37		0.05				0.00	0.00		Not pumped	(10)
9/18/2007	45.25		7:29		0				0.00	0.00		Not pumped	(10)
9/19/2007	45.25		7:27		0				0.00	0.00		Not pumped	(10)
9/20/2007	45.25		8:25		0				0.00	0.00		Not pumped	(10)
9/21/2007	45.20		8:28		0.05				0.00	0.00		Not pumped	(10)
9/22/2007	44.90		9:34		0.35				0.00	0.00		Not pumped	(10)
9/23/2007									0.00	0.00		Sunday, Not pumped	(4)
9/24/2007	44.90		8:40		0.35				0.00	0.00		Not pumped due to GM Union Strike	(10)
9/25/2007									0.00	0.00		Not pumped, Rain event	(11)
9/26/2007	44.80	45.25	7:55	8:20	0.45	0.0	-0.45	0:25	12.72	95.17	3.81	Not pumped, Rain event	(10)
9/27/2007	45.10		7:05		0.15				0.00	0.00		Not pumped, Rain event	(10)
9/28/2007	45.10		9:45		0.15				0.00	0.00		Not pumped	(10)
9/29/2007									0.00	0.00		Saturday, Not pumped	(4)
9/30/2007									0.00	0.00		Sunday, Not pumped	(4)
10/1/2007	45.00		8:40		0.25				0.00	0.00		Not pumped	(10)
10/2/2007	45.00		16:44		0.25				0.00	0.00		Not pumped	(10)
10/3/2007	45.00		7:46		0.25				0.00	0.00		Not pumped	(10)
10/4/2007	45.00		10:46		0.25				0.00	0.00		Not pumped	(10)
10/5/2007	45.00		9:03		0.25				0.00	0.00		Not pumped, Rain event	(10)
10/6/2007	45.10		9:26		0.15				0.00	0.00		Not pumped	(10)
10/7/2007	44.95		7:36		0.3				0.00	0.00		Not pumped	(10)
10/8/2007	44.95		7:36		0.3				0.00	0.00		Not pumped	(10)
10/9/2007	44.95		9:16		0.3				0.00	0.00		Not pumped	(10)
10/10/2007	45.10		10:01		0.15				0.00	0.00		Not pumped	(10)
10/11/2007	44.90		13:21		0.35				0.00	0.00		Not pumped	(10)
10/12/2007	44.90		9:29		0.35				0.00	0.00		Not pumped	(10)
10/13/2007	44.90		19:15		0.35				0.00	0.00		Not pumped	(10)
10/14/2007	44.90		20:05		0.35				0.00	0.00		Not pumped	(10)
10/15/2007	44.70		21:26		0.55				0.00	0.00		Not pumped	(10)
10/16/2007	44.70		20:22		0.55				0.00	0.00		Not pumped, Rain event	(10)
10/17/2007	44.80		22:05		0.45				0.00	0.00		Not pumped	(10)
10/18/2007	44.80		20:30		0.45				0.00	0.00		Not pumped, Heavy rainfall event	(10)
10/19/2007	44.50		20:36		0.75				0.00	0.00		Not pumped	(10)
10/20/2007									0.00	0.00		Saturday, Not pumped	(4)
10/21/2007									0.00	0.00		Sunday, Not pumped	(4)
10/22/2007	44.40		13:20		0.85				0.00	0.00		Not pumped, Rain event	(10)
10/23/2007	44.50		8:00		0.75				0.00	0.00		Not pumped, Rain event	(10)
10/24/2007	44.10		7:39		1.15				0.00	0.00		Not pumped, Rain event	(10)
10/25/2007	44.20		13:20		1.05				0.00	0.00		Not pumped, Rain event	(10)
10/26/2007	44.10		9:46		1.15				0.00	0.00		Not pumped, Rain event	(10)
10/27/2007									0.00	0.00		Saturday, Not pumped, Rain event	(4)
10/28/2007									0.00	0.00		Sunday, Not pumped	(4)
10/29/2007													
10/30/2007													
10/31/2007													

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>		<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>										
Top of sump (datum reference)		0.00	0										
Bottom of sump (feet BTOS)		37.40	45.25										
Diameter of sump (feet)		6	6										
Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ⁽¹⁾		Flow Rate (gallons/min)	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)	(cu. ft)	(gallons)			
11/1/2007	43.80		11:12		1.45				0.00	0.00		Not pumped	(10)
11/2/2007									0.00	0.00		Not pumped	
11/3/2007									0.00	0.00		Not pumped	
11/4/2007									0.00	0.00		Not pumped	
11/5/2007									0.00	0.00		Not pumped	
11/6/2007									0.00	0.00		Not pumped	
11/7/2007									0.00	0.00		Not pumped	
11/8/2007									0.00	0.00		Not pumped	
11/9/2007									0.00	0.00		Not pumped	
11/10/2007									0.00	0.00		Not pumped	
11/11/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
11/12/2007	43.00	45.25	13:24		2.25	0.0	-2.3		63.62	475.86			
11/13/2007									0.00	0.00		Not pumped, Rain event	
11/14/2007									0.00	0.00		Not pumped	
11/15/2007									0.00	0.00		Not pumped	
11/16/2007									0.00	0.00		Not pumped	
11/17/2007									0.00	0.00		Saturday, Not pumped	(4)
11/18/2007									0.00	0.00		Sunday, Not pumped	(4)
11/19/2007	43.60		10:05		1.65				0.00	0.00		Not pumped	(10)
11/20/2007	43.60		9:22		1.65				0.00	0.00		Not pumped	(10)
11/21/2007	43.60		10:07		1.65				0.00	0.00		Not pumped, Rain event	(10)
11/22/2007									0.00	0.00		Not pumped, Rain event	
11/23/2007	43.50		9:21		1.75				0.00	0.00		Not pumped	(10)
11/24/2007	43.50		20:12		1.75				0.00	0.00		Not pumped	(10)
11/25/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
11/26/2007	42.70		21:28		2.55				0.00	0.00		Not pumped, Rain event	
11/27/2007	42.30		2:12		2.95				0.00	0.00			
11/28/2007	43.30	45.25	19:36		1.95	0.0			55.13	412.41		Pumped to empty. Assumed initial water level reading was 43.3 ft. BTOS	
11/29/2007	45.15		21:15		0.1				0.00	0.00		Not pumped	(10)
11/30/2007	45.15		21:50		0.1				0.00	0.00		Not pumped	(10)
12/1/2007									0.00	0.00		Saturday, not pumped	(4)
12/2/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
12/3/2007	43.20	45.25	13:20	14:08	2.05	0.0	-2.1	0:48	57.96	433.56	9.03		
12/4/2007	45.00		7:35		0.25				0.00	0.00		Not pumped	(10)
12/5/2007									0.00	0.00		Not pumped, Rain event	
12/6/2007	44.80		10:00		0.45				0.00	0.00		Not pumped	(10)
12/7/2007									0.00	0.00		Not pumped, Rain event	
12/8/2007	44.50		10:10		0.75				0.00	0.00		Not pumped, Rain event	(10)
12/9/2007									0.00	0.00		Sunday, Not pumped, Heavy rainfall event	(4)
12/10/2007									0.00	0.00		Not pumped, Rain event	
12/11/2007	40.60	45.25	13:15	14:05	4.65	0.0	-4.7	0:50	131.48	983.44	19.67	Rain event	
12/12/2007	44.60		13:05		0.65				0.00	0.00		Not pumped, Rain event	(10)
12/13/2007									0.00	0.00		Not pumped, Rain event	
12/14/2007	42.70	45.25	8:30	9:20	2.55	0.0	-2.6	0:50	72.10	539.30	10.79		
12/15/2007	44.90		21:20		0.35				0.00	0.00		Not pumped, Rain event	(10)
12/16/2007									0.00	0.00		Sunday, Not pumped, Rain event	(4)
12/17/2007	44.70		1:45		0.55				0.00	0.00		Not pumped, Rain event	(10)
12/18/2007	42.70		23:00		2.55				0.00	0.00		Not pumped, Rain event	
12/19/2007	41.70		23:27		3.55				0.00	0.00		Not pumped	
12/20/2007	41.20		22:30		4.05				0.00	0.00		Not pumped, Rain event	

TABLE 2.3B
2007 PUMPING DATA
VAULT LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Aug. 7</u>	<u>Aug. 8 - Dec. 31</u>
Top of sump (datum reference)	0.00	0
Bottom of sump (feet BTOS)	37.40	45.25
Diameter of sump (feet)	6	6

Date	Water Level (BTOS)		Time (hh:mm)		Water Depth (BTOS)		Change in Water	Duration of	Volume Pumped ^(*)		Flow Rate	Comments	Note
	start	end	start	end	start	end	Depth (feet)	Pumping (hh:mm)	(cu. ft)	(gallons)	(gallons/min)		
12/21/2007	41.00	45.25	21:20	22:25	4.25	0.0	-4.3	1:05	120.17	898.84	13.83		
12/22/2007	45.00		4:40		0.25							Volume not calculated, Rain event	(10)
12/23/2007									0.00	0.00		Sunday, Not pumped	(4)
12/24/2007	44.70		9:30		0.55				0.00	0.00		Not pumped	(10)
12/25/2007	44.40		13:40		0.85				0.00	0.00		Not pumped	(10)
12/26/2007	44.30		13:10		0.95				0.00	0.00		Not pumped, Rain event	(10)
12/27/2007	44.00		14:05		1.25				0.00	0.00		Not pumped, Rain event	(10)
12/28/2007	43.90		13:55		1.35				0.00	0.00		Not pumped, Rain event	(10)
12/29/2007	43.50		13:20		1.75				0.00	0.00		Not pumped	(10)
12/30/2007	42.90	45.25	1:10	2:00	2.35	0.0	-2.4	0:50	66.44	497.01	9.94		
12/31/2007	45.20		2:15		0.05				0.00	0.00		Not pumped, Rain event	(10)
Total									3,644.56	27,261.32			
Average/day									9.99	74.69			

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

(*) Volume pumped calculated based on storage volume of LDS

(1) No water was pumped on this date, however the water level rose slightly between the two observation times.

(2) Shutoff valves were misdirected and water from the underdrain system was inadvertently pumped into the LDS.

(3) Initial water level reading obtained late in the day such that pumping was performed the next morning.

(4) Saturday, Sunday or holiday (no reading unless rain).

(5) Raining - system was operated throughout the day to accommodate pumping of the accumulating water.

(6) Contractor not on site, manhole pumped next day (12-09-06).

(7) Flushing of LDS began on 01-23-07. The sump is pumped empty (37.4 ft) in AM and then verified empty prior to leaving for the night. Flushing is being done during the day as per the Mannik & Smith report.

(8) Two rounds of flushing completed on 02-06-07. Pending analytical results, SES continues to pump LDMH empty daily.

(9) Readings not collected on this date because Contractor is overly busy (no rain occurred)

(10) Contractor advised (by CRA) to pump only when water is level below 43.3, therefore not pumped.

(11) Not pumped due to GM Union strike.

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u>		<u>Time (hh:mm)</u>	<u>Water Depth (BTOS)</u>		<u>Volume Pumped⁽¹⁾</u>	<u>Volume Pumped⁽¹⁾</u>	<u>Comments</u>	<u>Note</u>
	<u>start</u>	<u>end</u>	<u>start</u>	<u>start</u>	<u>end</u>	<u>(cu. ft)</u>	<u>(gallons)</u>		
1/1/2008	45.10			0.15				Not pumped	
1/2/2008	45.00			0.25				Not pumped	
1/3/2008	45.00			0.25				Not pumped	
1/4/2008	44.90			0.35				Not pumped	
1/5/2008	44.90			0.35				Not pumped, Rain event	
1/6/2008	44.85			0.40				Not pumped	
1/7/2008	44.80			0.45				Not pumped	
1/8/2008	44.70			0.55				Not pumped, Heavy rainfall event	
1/9/2008	43.40			1.85				Not pumped	
1/10/2008	42.90			2.35	0.3	57.96	433.56	Pumped(?), Rain event	
1/11/2008	44.90			0.35				Not pumped	
1/12/2008	44.80			0.45				Not pumped	
1/13/2008	44.00			1.25	0.6	18.38	137.47	Pumped(?), Rain event	
1/14/2008	44.60			0.65				Not pumped	
1/15/2008	44.50			0.75				Not pumped	
1/16/2008	44.30			0.95				Not pumped	
1/17/2008	44.20			1.05				Not pumped, Rain event	
1/18/2008	44.10			1.15				Not pumped	
1/19/2008								No Measurement -Water tape in for repairs	(1)
1/20/2008								No Measurement -Water tape in for repairs	(1)
1/21/2008								No Measurement -Water tape in for repairs	(1)
1/22/2008								No Measurement -Water tape in for repairs, Rain Event	(1)
1/23/2008								No Measurement -Water tape in for repairs	(1)
1/24/2008								No Measurement -Water tape in for repairs	(1)
1/25/2008								No Measurement -Water tape in for repairs	(1)
1/26/2008								No Measurement -Water tape in for repairs	(1)
1/27/2008								No Measurement -Water tape in for repairs	(1)
1/28/2008								No Measurement -Water tape in for repairs	(1)
1/29/2008								No Measurement -Water tape in for repairs, Rain Event	(1)
1/30/2008								No Measurement -Water tape in for repairs	(1)
1/31/2008								No Measurement -Water tape in for repairs	(1)
2/1/2008	43.30	47.6(?)	21:42	1.95	0	55.13	412.41	Pumped to empty, Assumed initial water depth to be 43.3 feet BTOS	
2/2/2008								Pumped, but not measured	(4)
2/3/2008								Pumped, but not measured	(4)
2/4/2008								Pumped, but not measured	(4)
2/5/2008								Pumped, but not measured, Heavy rainfall	(4)
2/6/2008								Pumped, but not measured, Rain event	(4)
2/7/2008								Pumped, but not measured	(4)
2/8/2008	44.90		13:20	0.35				Not pumped, Determining recharge rate	
2/9/2008	45.00		21:20	0.25				Not pumped, Determining recharge rate	(2)
2/10/2008	45.00		23:05	0.25				Not pumped, Determining recharge rate	(2)
2/11/2008	44.90		22:38	0.35				Not pumped, Determining recharge rate	(2)
2/12/2008	44.90		21:05	0.35				Not pumped, Determining recharge rate, Rain Event	(2)
2/13/2008	44.50		2:20	0.75				Not pumped, Determining recharge rate	(2)
2/14/2008	44.50		22:15	0.75				Not pumped, Determining recharge rate, Rain Event	(2)
2/15/2008	44.40		22:49	0.85				Not pumped, Determining recharge rate	(2)
2/16/2008	44.50		13:49	0.75				Not pumped, Determining recharge rate	(2)
2/17/2008	44.40		8:51	0.85				Not pumped, Determining recharge rate, Rain Event	(2)
2/18/2008	44.10		8:15	1.15				Not pumped, Determining recharge rate	(2)
2/19/2008	44.10		10:03	1.15				Not pumped, Determining recharge rate	(2)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u> <u>start</u> <u>end</u>	<u>Time (hh:mm)</u> <u>start</u>	<u>Water Depth (BTOS)</u> <u>start</u> <u>end</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(cu. ft)</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(gallons)</u>	<u>Comments</u>	<u>Note</u>
1/1/2008	45.10		0.15			Not pumped	
2/20/2008	44.00	9:15	1.25			Not pumped, Determining recharge rate	(2)
2/21/2008	44.20	10:13	1.05			Not pumped, Determining recharge rate	(2)
2/22/2008	44.10	14:03	1.15			Not pumped, Determining recharge rate	(2)
2/23/2008	44.00	3:24	1.25			Not pumped, Determining recharge rate, Rain Event	(2)
2/24/2008	43.80	23:22	1.45			Not pumped, Determining recharge rate, Rain Event	(2)
2/25/2008	44.00	22:04	1.25			Not pumped, Determining recharge rate, Rain Event	(2)
2/26/2008	43.30	21:38	1.95			Not pumped, Determining recharge rate, Rain Event	(2)
2/27/2008	43.00	22:42	2.25			Not pumped, Determining recharge rate, Rain Event	(2)
2/28/2008	42.40	21:15	2.85			Not pumped, Determining recharge rate	(2)
2/29/2008	42.40	22:25	2.85			Not pumped, Determining recharge rate	(2)
3/1/2008	42.00	6:20	3.25			Not pumped, Determining recharge rate	
3/2/2008	41.50	10:15	3.75	0	106.03	Pumped with 2" pump for 65 min.	
3/3/2008	45.25	11:00	0.00			Not pumped, Determining recharge rate, Rain Event	
3/4/2008	45.00	13:27	0.25			Not pumped, Determining recharge rate, Rain Event	
3/5/2008	44.60	11:08	0.65			Not pumped, Determining recharge rate	
3/6/2008	44.10	13:31	1.15			Not pumped, Determining recharge rate	
3/7/2008	43.20	13:26	2.05	0.2	52.31	Pumped with 2" pump for 90 min.	
3/8/2008	45.00	9:27	0.25			Not pumped	
3/9/2008						Sunday, Not pumped	(3)
3/10/2008	44.80	14:47	0.45			Not pumped	
3/11/2008	44.20	11:48	1.05	0	29.69	Pumped with 2" pump for 40 min.	
3/12/2008	45.20	11:20	0.05			Not pumped	(5)
3/13/2008	45.10	14:45	0.15			Not pumped	(5)
3/14/2008	45.00	14:20	0.25			Not pumped. Rain event.	(5)
3/15/2008	45.20	13:42	0.05			Not pumped	(5)
3/16/2008						Sunday, Not pumped.	(3)
3/17/2008	45.10	14:05	0.15			Not pumped	(5)
3/18/2008	45.00	13:04	0.25			Not pumped. Rain event.	(5)
3/19/2008	43.50	13:10	1.75	0.1	46.65	Pumped with 2" pump for 90 minutes. Rain event	
3/20/2008	45.10	15:26	0.15			Not pumped	(5)
3/21/2008	44.80	14:30	0.45			Not pumped	(5)
3/22/2008						Saturday	(3)
3/23/2008	44.50	13:20	0.75	0	21.21	Pumped with 2" pump for 100 min. Rain event.	
3/24/2008	45.20	16:24	0.05			Not pumped	(5)
3/25/2008	45.20	9:48	0.05			Not pumped	(5)
3/26/2008	45.10	15:26	0.15			Not pumped. Rain event.	(5)
3/27/2008	45.00	16:14	0.25			Not pumped. Rain event.	(5)
3/28/2008	44.70	13:14	0.55			Not pumped - CRA testing. Rain event.	
3/29/2008	44.80	12:33	0.45	0	12.72	Pumped with 2" pump for 87 min.	
3/30/2008	45.20	9:32	0.05			Not pumped - Rain Event	(5)
3/31/2008	44.80	13:45	0.45	0	12.72	Pumped with 2" pump for 100 min. - Rain event.	
4/1/2008	45.20	23:21	0.05			Rain event	(5)
4/2/2008	45.05	14:00	0.20			Rain Event	(5)
4/3/2008	45.00	9:07	0.25			Rain event	(5)
4/4/2008	45.00	13:00	0.25			Pumped. Rain event.	
4/5/2008	44.70	9:02	0.55	0	15.55	Pumped	
4/6/2008	45.20	14:00	0.05				(5)
4/7/2008	45.10	15:31	0.15				(5)
4/8/2008	45.05	10:06	0.20				(5)
4/9/2008	45.00	13:40	0.25			Rain event	(5)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u> <u>start</u> <u>end</u>	<u>Time (hh:mm)</u> <u>start</u>	<u>Water Depth (BTOS)</u> <u>start</u> <u>end</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(cu. ft)</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(gallons)</u>	<u>Comments</u>	<u>Note</u>
1/1/2008	45.10		0.15			Not pumped	
4/10/2008	45.00	11:20	0.25			Rain event	(5)
4/11/2008	44.90	10:06	0.35			Rain event	(5)
4/12/2008	44.90	13:28	0.35			Rain event	(5)
4/13/2008						Sunday. Rain event	(3)
4/14/2008	44.80	16:10	0.45	0	12.72	Pumped	
4/15/2008	45.20	16:29	0.05				(5)
4/16/2008	45.20	16:02	0.05				(5)
4/17/2008	45.20	15:22	0.05				(5)
4/18/2008	45.10	13:15	0.15				(5)
4/19/2008						Saturday. Rain event	(3)
4/20/2008	45.10	14:21	0.15				(5)
4/21/2008	45.05	16:15	0.20				(5)
4/22/2008	45.00	12:02	0.25				(5)
4/23/2008	45.00	13:15	0.25				(5)
4/24/2008	45.00	14:04	0.25			Rain event	(5)
4/25/2008	45.00	10:53	0.25				(5)
4/26/2008	45.00	14:00	0.25			Rain event	(5)
4/27/2008						Sunday	(3)
4/28/2008	44.90	16:01	0.35			Rain Event - CRA Sampled System	
4/29/2008	44.90	12:36	0.35			CRA Sampled System	
4/30/2008	44.80	14:34	0.45	0	12.72	Pumped	
5/1/2008	45.20	13:57	0.05				(5)
5/2/2008	45.20	11:05	0.05			Rain event	(5)
5/3/2008						Saturday. Rain event.	(3)
5/4/2008	45.00	13:20	0.25				(5)
5/5/2008	44.90	14:48	0.35				(5)
5/6/2008	44.80	12:40	0.45	0	12.72	Pumped	
5/7/2008	45.20	11:06	0.05			Rain event	(5)
5/8/2008	45.00	9:31	0.25			Rain event	(5)
5/9/2008	45.00	13:26	0.25			Rain event	(5)
5/10/2008						Saturday	(3)
5/11/2008	44.90	13:20	0.35			Rain event	(5)
5/12/2008	44.90	10:31	0.35				(5)
5/13/2008	44.80	10:01	0.45	0	12.72	Pumped	
5/14/2008	45.20	16:41	0.05			Rain event	(5)
5/15/2008	45.00	14:54	0.25			Rain event	(5)
5/16/2008	45.00	12:40	0.25				(5)
5/17/2008	44.70	13:20	0.55			Rain Event	
5/18/2008						Sunday	(3)
5/19/2008	45.20	14:06	0.05			Rain event	(5)
5/20/2008	45.10	12:40	0.15			Rain event	(5)
5/21/2008	45.10	14:04	0.15				(5)
5/22/2008	44.90	9:01	0.35				(5)
5/23/2008	44.90	9:21	0.35			Rain event	(5)
5/24/2008						Not pumped due to CRA test	
5/25/2008	44.90	13:52	0.35				
5/26/2008						Holiday. Rain event	(3)
5/27/2008	44.70	7:46	0.55			Rain event	
5/28/2008	44.70	16:09	0.55	0	15.55	Pumped(?)	
5/29/2008	45.20	15:17	0.05				(5)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

	Water Level (BTOS)		Time (hh:mm)	Water Depth (BTOS)		Volume Pumped ⁽¹⁾	Volume Pumped ⁽¹⁾	Comments	Note
Date	start	end	start	start	end	(cu. ft)	(gallons)		
1/1/2008	45.10							Not pumped	
5/30/2008	45.20		14:04						(5)
5/31/2008								Saturday	(3)
6/1/2008	45.10		13:20						(5)
6/2/2008	45.00		10:22						(5)
6/3/2008	45.00		10:38					Rain event	
6/4/2008	45.00		14:00					Rain event	(5)
6/5/2008	45.00		10:05						(5)
6/6/2008	44.90		12:15						(5)
6/7/2008	44.80		14:23		0	12.72	95.17	Pumped(?). Rain event	(5)
6/8/2008								Sunday	(3)
6/9/2008	45.20		12:42					Rain event	(5)
6/10/2008	45.10		9:12					Rain event	(5)
6/11/2008	45.10		10:48						(5)
6/12/2008	45.10		8:40						(5)
6/13/2008	45.10		16:40					Rain event	(5)
6/14/2008								Saturday	(3)
6/15/2008	45.10		13:02						(5)
6/16/2008	45.00		16:46						(5)
6/17/2008	44.90		8:27						(5)
6/18/2008	44.90		13:15						(5)
6/19/2008	44.90		17:10					Rain event	(5)
6/20/2008	44.90		14:04						(5)
6/21/2008	44.90		13:10						(5)
6/22/2008								Sunday	(3)
6/23/2008	44.80		17:02						(5)
6/24/2008	44.80		17:15						(5)
6/25/2008	44.80		14:14		0	12.72	95.17	Pumped(?)	(5)
6/26/2008	45.20		10:22						(5)
6/27/2008	45.10		15:24					Rain event	(5)
6/28/2008								Saturday. Rain event	(3)
6/29/2008	45.10		10:59					Rain event	(5)
6/30/2008	45.10		17:10						(5)
7/1/2008	45.10		15:24						(5)
7/2/2008	45.10		11:52						(5)
7/3/2008	45.10		9:20					Rain event	(5)
7/4/2008	45.10		10:02					Rain event	(5)
7/5/2008	45.05		12:32						(5)
7/6/2008	45.05		10:10						(5)
7/7/2008	45.00		14:42					Rain event	(5)
7/8/2008	44.80		11:37		0.2	7.07	52.87	Pumped(?). Rain event	(5)
7/9/2008	45.02		10:07		0.1	3.68	27.49	Pumped(?). Rain event	(5)
7/10/2008	45.10		12:12						(5)
7/11/2008	45.10		14:20						(5)
7/12/2008	45.10		14:45					Rain event	(5)
7/13/2008	45.10		9:30						(5)
7/14/2008	45.10		14:20						(5)
7/15/2008	45.05		12:02						(5)
7/16/2008	45.05		9:08						(5)
7/17/2008	45.05		10:14						(5)
7/18/2008	45.00		12:41						(5)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u> <u>start</u> <u>end</u>	<u>Time (hh:mm)</u> <u>start</u>	<u>Water Depth (BTOS)</u> <u>start</u> <u>end</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(cu. ft)</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(gallons)</u>	<u>Comments</u>	<u>Note</u>
1/1/2008	45.10		0.15			Not pumped	
7/19/2008						Saturday	(3)
7/20/2008	45.00	13:04	0.25			Rain event	(5)
7/21/2008	44.90	10:38	0.35				(5)
7/22/2008	44.90	10:20	0.35			Rain event	(5)
7/23/2008	44.90	12:23	0.35				(5)
7/24/2008	44.90	12:20	0.35				(5)
7/25/2008	44.80	15:22	0.45				(5)
7/26/2008	44.80	13:42	0.45				(5)
7/27/2008	NA	NA					
7/28/2008	44.80	12:18	0.45				(5)
7/29/2008	44.80	12:18	0.45				(5)
7/30/2008	44.70	12:15	0.55	0	15.55	116.32	Pumped(?). Rain event
7/31/2008	45.20	13:08	0.05				Rain event (5)
8/1/2008	45.20	9:15	0.05				(5)
8/2/2008						Saturday	(3)
8/3/2008	45.10	13:52	0.15				(5)
8/4/2008	45.10	11:18	0.15				(5)
8/5/2008	45.05	11:01	0.20			Rain event	(5)
8/6/2008	45.05	9:15	0.20			Rain event	(5)
8/7/2008	45.00	13:04	0.25				(5)
8/8/2008	44.90	13:32	0.35				(5)
8/9/2008	44.90	13:22	0.35				(5)
8/10/2008	44.80	16:21	0.45				(5)
8/11/2008	44.80	16:21	0.45	0	12.72	95.17	Pumped(?) (5)
8/12/2008	45.20	11:17	0.05				(5)
8/13/2008	45.20	13:05	0.05				(5)
8/14/2008	45.20	9:13	0.05				(5)
8/15/2008	45.20	16:07	0.05				(5)
8/16/2008	45.20	13:53	0.05				(5)
8/17/2008	45.20	14:59	0.05				(5)
8/18/2008	45.15	11:24	0.10				(5)
8/19/2008	45.10	16:17	0.15				(5)
8/20/2008	45.10	13:34	0.15				(5)
8/21/2008	45.10	12:29	0.15				(5)
8/22/2008	45.10	17:31	0.15				(5)
8/23/2008	45.10	11:56	0.15				(5)
8/24/2008	45.10	14:55	0.15				(5)
8/25/2008	45.10	13:17	0.15				(5)
8/26/2008	45.00	16:38	0.25				(5)
8/27/2008	45.00	15:20	0.25			Rain event	(5)
8/28/2008	45.00	12:10	0.25			Rain event	(5)
8/29/2008	44.95	9:07	0.30				(5)
8/30/2008						Saturday	(3)
8/31/2008	44.90	14:06	0.35				(5)
9/1/2008	44.90	11:25	0.35				(5)
9/2/2008	44.90	8:21	0.35				(5)
9/3/2008	44.90	13:52	0.35				(5)
9/4/2008	44.90	14:39	0.35				(5)
9/5/2008	44.80	12:56	0.45	0	12.72	95.17	Pumped(?) (5)
9/6/2008	45.20	9:35	0.05				(5)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u> <u>start</u> <u>end</u>	<u>Time (hh:mm)</u> <u>start</u>	<u>Water Depth (BTOS)</u> <u>start</u> <u>end</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(cu. ft)</u>	<u>Volume Pumped</u> ⁽¹⁾ <u>(gallons)</u>	<u>Comments</u>	<u>Note</u>
1/1/2008	45.10		0.15			Not pumped	
9/7/2008						Sunday	(3)
9/8/2008	45.20	14:01	0.05				(5)
9/9/2008	45.20	11:20	0.05				(5)
9/10/2008	45.20	10:30	0.05				(5)
9/11/2008	45.20	14:10	0.05				(5)
9/12/2008	45.10	9:55	0.15				(5)
9/13/2008	45.10	8:45	0.15				(5)
9/14/2008	45.00	14:57	0.25				(5)
9/15/2008	45.00	8:20	0.25				(5)
9/16/2008	44.95	11:00	0.30				(5)
9/17/2008	44.95	10:47	0.30				(5)
9/18/2008	44.90	18:08	0.35				(5)
9/19/2008	44.90	17:35	0.35				(5)
9/20/2008	44.90	10:26	0.35				(5)
9/21/2008						Sunday	(3)
9/22/2008	44.90	13:24	0.35				(5)
9/23/2008	44.90	14:15	0.35				(5)
9/24/2008	44.80	10:01	0.45	0	12.72	95.17	Pumped(?)
9/25/2008	45.20	13:28	0.05				(5)
9/26/2008	45.20	15:14	0.05				(5)
9/27/2008	45.20	17:15	0.05				(5)
9/28/2008	45.20	14:53	0.05				(5)
9/29/2008	45.20	18:15	0.05				(5)
9/30/2008	45.20	17:40	0.05				(5)
10/1/2008	45.20		0.05				(5)
10/2/2008	45.20		0.05				(5)
10/3/2008	45.15		0.10				(5)
10/4/2008	45.10		0.15				(5)
10/5/2008	45.10		0.15				(5)
10/6/2008	45.05		0.20				(5)
10/7/2008	45.05		0.20			Rain event	(5)
10/8/2008	44.90		0.35			Rain event	(5)
10/9/2008	44.90	7:43	0.35				(5)
10/10/2008	44.85		0.40				(5)
10/11/2008	44.50		0.75				
10/12/2008	44.30		0.95				
10/13/2008	44.30		0.95				
10/14/2008	44.20		1.05			Rain event	
10/15/2008	44.20		1.05			Rain event	
10/16/2008	44.10		1.15			Rain event	
10/17/2008	43.50		1.75				
10/18/2008	43.50		1.75	0	49.48	370.11	Pumped(?)
10/19/2008						Sunday	(3)
10/20/2008	45.20		0.05				(5)
10/21/2008	45.20		0.05				(5)
10/22/2008	45.10		0.15				(5)
10/23/2008	45.10		0.15				(5)
10/24/2008	45.10		0.15			Rain event	(5)
10/25/2008						Saturday	(3)
10/26/2008	45.00		0.25				(5)

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u>		<u>Time (hh:mm)</u>	<u>Water Depth (BTOS)</u>		<u>Volume Pumped⁽¹⁾</u>	<u>Volume Pumped⁽¹⁾</u>	<u>Comments</u>	<u>Note</u>
	<u>start</u>	<u>end</u>	<u>start</u>	<u>start</u>	<u>end</u>	<u>(cu. ft)</u>	<u>(gallons)</u>		
1/1/2008	45.10			0.15				Not pumped	
10/27/2008	45.00			0.25					(5)
10/28/2008	45.00			0.25					(5)
10/29/2008	45.00			0.25					(5)
10/30/2008	44.90			0.35					(5)
10/31/2008	44.90			0.35					(5)
11/1/2008	44.90			0.35					(5)
11/2/2008	44.80			0.45					(5)
11/3/2008	44.80			0.45					(5)
11/4/2008	44.80			0.45					(5)
11/5/2008	44.80			0.45					(5)
11/6/2008	44.80			0.45				Rain event	(5)
11/7/2008	44.75			0.50					(5)
11/8/2008	44.70			0.55					
11/9/2008	44.60			0.65					
11/10/2008	44.60		15:30	0.65	0.25	11.31	84.60	Pumped(?)	
11/11/2008	45.00		14:26	0.25				Rain event	(5)
11/12/2008	45.00		15:08	0.25				Rain event	(5)
11/13/2008	45.00		15:34	0.25				Rain event	(5)
11/14/2008	45.00		14:46	0.25				Rain event	(5)
11/15/2008	45.00		16:41	0.25				Rain event	(5)
11/16/2008	44.90		13:06	0.35					(5)
11/17/2008	44.90		15:20	0.35					(5)
11/18/2008	44.80		15:30	0.45					(5)
11/19/2008	44.70		14:10	0.55					(5)
11/20/2008	44.60		13:15	0.65					
11/21/2008	43.20		13:31	2.05					
11/22/2008	43.00		15:20	2.25					
11/23/2008	42.90		15:25	2.35					
11/24/2008	42.70		14:36	2.55				Rain event	
11/25/2008	42.50		17:07	2.75					
11/26/2008	42.50			2.75					
11/27/2008	42.50			2.75					
11/28/2008	42.40			2.85	0.85	56.55	422.98	Pumped(?)	
11/29/2008								Saturday	(3)
11/30/2008								Sunday. Rain event.	(3)
12/1/2008	44.40			0.85	0.45	11.31	84.60	Pumped. Rain event.	
12/2/2008	44.80			0.45					
12/3/2008	44.70			0.55					
12/4/2008								Rain event	
12/5/2008								ENTACT working grading fill	(6)
12/6/2008								ENTACT working grading fill, and installed a 6' riser	
12/7/2008								ENTACT working grading fill. Rain event.	(6)
12/8/2008								ENTACT working grading fill	(6)
12/9/2008								ENTACT working grading fill. Rain event.	(6)
12/10/2008								ENTACT working grading fill. Rain event.	(6)
12/11/2008								ENTACT working grading fill	(6)
12/12/2008								ENTACT working grading fill	(6)
12/13/2008								ENTACT working grading fill	(6)
12/14/2008								ENTACT working grading fill. Rain event.	(6)
12/15/2008	50.02	17:27		1.23	0.2	29.12	217.84	Pumped. Rain event.	

TABLE 2.3C
2008 PUMPING DATA
LEAK DETECTION SYSTEM
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 4</u>	<u>Dec. 5 - Dec. 31</u>
Top of sump (datum reference)	0	0
Bottom of sump (feet BTOS)	45.25	51.25
Diameter of sump (feet)	6	6

<u>Date</u>	<u>Water Level (BTOS)</u>		<u>Time (hh:mm)</u>	<u>Water Depth (BTOS)</u>		<u>Volume Pumped⁽¹⁾</u>	<u>Volume Pumped⁽¹⁾</u>	<u>Comments</u>	<u>Note</u>
	<u>start</u>	<u>end</u>	<u>start</u>	<u>start</u>	<u>end</u>	<u>(cu. ft)</u>	<u>(gallons)</u>		
1/1/2008	45.10			0.15				Not pumped	
12/16/2008	51.00	17:34		0.25				ENTACT working grading fill	
12/17/2008	51.00	17:41		0.25				ENTACT working grading fill	
12/18/2008	51.00	17:45		0.25				Electrical Malfunction as per SES. Rain event.	
12/19/2008	51.00	16:55		0.25				Electrical Malfunction as per SES	
12/20/2008								Saturday	(3)
12/21/2008								Sunday	(3)
12/22/2008	49.80	13:35		1.45	1.15	8.48	63.45	Pumped(?)	
12/23/2008	50.10	21:27		1.15				Rain event	
12/24/2008	49.90	14:21		1.35				Rain event	
12/25/2008	44.80	17:14		6.45	5.35	31.10	232.64	Pumped(?)	
12/26/2008	45.90	20:59		5.35	4.05	36.76	274.94	Pumped(?). Rain event.	
12/27/2008								Saturday. Rain event.	(3)
12/28/2008								Sunday. Rain event.	(3)
12/29/2008	47.20	20:07		4.05	2.20	52.31	391.26	Pumped(?)	
12/30/2008	49.05	15:35		2.20	0.05	60.79	454.71	Pumped(?)	
12/31/2008	51.20	13:29		0.05					
Total						931.92	6,970.78		
Average/day						2.55	19.10		

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

(*) Volume pumped calculated based on storage volume of LDS

(1) No water level measurement, water tape being repaired

(2) SES had pump set at wrong level (43.3 feet BTOS) and was not pumping when required. Pump should have been set to pump at 6" of water (44.75 feet BTOS).

(3) Saturday, Sunday or holiday (no reading unless rain).

(4) Pumped but no water level reading taken.

(5) Not pumped, water is at an acceptable level (less than 0.6 ft of water in sump).

(6) No water level measurements due to ENTACT working grading fill.

TABLE 2.4A
2006 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Monitoring Location Information Aug. 30 - Dec. 31
Top of sump (datum reference) 0
Bottom of sump (feet BTOS) 35.91
sump diameter (feet) 3

Date	Water Level (feet BTOS)		Water Depth (feet AFOS)		Change in Water Depth (feet)		Time (hh:mm)		Duration of Pumping		Volume Pumped ⁽¹⁾	Volume Pumped ⁽¹⁾	Flow Rate	Comments	Note	max water level	max depth
	start	end	start	end			start	end	h	m	(cu. ft)	(gallons)	(gallons/min)				
8/30/2006	35.8	32.8	0.11	3.11	3.0		8:00	19:40	11	40				Volume not calculated (water level rose)		32.9	3.01
8/31/2006	32.9	34.9	3.01	1.01	-2.0		13:45	18:05	4	20	14.1	105.7	0.41				
9/1/2006	33.3	34.3	2.61	1.61	-1.0		8:55	14:00	5	5	7.1	52.9	0.17			32.5	3.41
9/2/2006	33.3	35.1	2.61	0.81	-1.8		9:50	12:15	2	25	12.7	95.2	0.66				
9/3/2006	33.3	35.4	2.61	0.51	-2.1		10:00	11:20	1	20	14.8	111.0	1.39				
9/4/2006	33.1	35.6	2.81	0.31	-2.5		9:40	11:25	1	45	17.7	132.2	1.26				
9/5/2006	33.1	35.7	2.81	0.21	-2.6		14:10	17:00	2	50	18.4	137.5	0.81				
9/6/2006	32.5	35.9	3.41	0.01	-3.4		14:45	18:00	3	15	24.0	179.8	0.92				
9/7/2006	33.4	35.8	2.51	0.11	-2.4		14:15	19:10	4	55	17.0	126.9	0.43				
9/8/2006	35.5	35.8	0.41	0.11	-0.3		13:50	19:30	5	40	2.1	15.9	0.05				
9/9/2006	33.5	35.7	2.41	0.21	-2.2		10:50	19:00	8	10	15.6	116.3	0.24				
9/10/2006	33.5	35.7	2.41	0.21	-2.2		9:50	11:00	1	10	15.6	116.3	1.66				
9/11/2006	33.2	35.1	2.71	0.81	-1.9		11:00	18:30	7	30	13.4	100.5	0.22	Rain event			
9/12/2006	35.0	35.6	0.91	0.31	-0.6		10:30	18:45	8	15	4.2	31.7	0.06	Heavy rainfall event			
9/13/2006	35.9	34.9	0.01	1.01	1.0		9:45	17:45	8	0				Volume not calculated (water level rose)			
9/14/2006	35.9	35.8	0.01	0.11	0.1		8:40	19:30	10	50				Volume not calculated (water level rose)			
9/15/2006	33.7	35.9	2.21	0.01	-2.2		18:20	Not read						Pumped to empty			
9/16/2006	33.3	35.8	2.61	0.11	-2.5		8:30	16:40	8	10	17.7	132.2	0.27				
9/17/2006	34.4	35.8	1.51	0.11	-1.4		8:05	14:00	5	55	9.9	74.0	0.21	Rain event			
9/18/2006	35.8	35.7	0.11	0.21	0.1		9:20	17:00	7	40				Volume not calculated (water level rose)			
9/19/2006	35.9	35.8	0.01	0.11	0.1		11:40	17:15	5	35				Volume not calculated (water level rose)			
9/20/2006	33.1	35.2	2.81	0.71	-2.1		17:10	13:30	20	20	14.8	111.0	0.09				
9/21/2006	33.6		2.31				18:22							Pumped throughout the night	(3)		
9/22/2006	34.5	34.3	1.41	1.61	0.2		8:15	9:50	1	35							
9/23/2006	34.4	33.9	1.51	2.01	0.5		8:46	12:51	4	5				Rain event, water level rising			
9/24/2006	33.3		2.61				8:10	18:15	10	5				Rain event, pumped throughout the night	(3)		
9/25/2006	33.6	35.0	2.31	0.91	-1.4		17:30	20:30	3	0	9.9	74.0	0.41				
9/26/2006	33.6	35.7	2.31	0.21	-2.1		14:25	20:00	5	35	14.8	111.0	0.33				
9/27/2006	36.2	35.5	-0.29	0.41			9:00	17:30	8	30				Error in reading start depth			
9/28/2006	33.3		2.61				11:05							Pumped throughout day and night	(3)		
9/29/2006	35.9	35.9	0.01	0.01	0.0		13:24	14:05	0	41							
9/30/2006	35.8	34.7	0.11	1.21	1.1		13:07	13:51	0	44	7.8	58.2	1.32	Readings appear to be reversed			
10/1/2006	35.6	34.2	0.31	1.71	1.4		10:06	10:40	0	34	9.9	74.0	2.18	Readings appear to be reversed		32.8	3.11
10/2/2006	35.7	34.3	0.21	1.61	1.4		8:48	9:19	0	31	9.9	74.0	2.39	Readings appear to be reversed			
10/3/2006	35.8	34.1	0.11	1.81	1.7		13:53	16:33	2	40	12.0	89.9	0.56	Readings appear to be reversed			
10/4/2006	35.9	34.3	0.01	1.61	1.6		14:00	15:00	1	0	11.3	84.6	1.41	Readings appear to be reversed			
10/5/2006	34.3	33.1	1.61	2.81	1.2		10:38	14:31	3	53	8.5	63.4	0.27	Readings appear to be reversed			
10/6/2006	35.8	34.2	0.11	1.71	1.6		14:04	15:22	1	18	11.3	84.6	1.08	Readings appear to be reversed			
10/7/2006	35.7	34.2	0.21	1.71	1.5		13:08	13:51	0	43	10.6	79.3	1.84	Readings appear to be reversed			
10/8/2006	35.8	34.4	0.11	1.51	1.4		10:20	10:47	0	27	9.9	74.0	2.74	Readings appear to be reversed			
10/9/2006	35.8	34.4	0.11	1.51	1.4		13:10	13:34	0	24	9.9	74.0	3.08	Readings appear to be reversed			
10/10/2006	35.7	34.3	0.21	1.61	1.4		13:55	14:21	0	26	9.9	74.0	2.85	Readings appear to be reversed			
10/11/2006	35.7	34.1	0.21	1.81	1.6		14:10	15:33	1	23	11.3	84.6	1.02	Readings appear to be reversed			
10/12/2006	35.7	34.5	0.21	1.41	1.2		13:23	14:04	0	41	8.5	63.4	1.55	Readings appear to be reversed			
10/13/2006	35.8	34.2	0.11	1.71	1.6		9:50	10:42	0	52	11.3	84.6	1.63	Readings appear to be reversed			
10/14/2006	35.8	34.3	0.11	1.61	1.5		10:21	10:38	0	17	10.6	79.3	4.67	Readings appear to be reversed			
10/15/2006	35.7	34.4	0.21	1.51	1.3		7:24	7:36	0	12	9.2	68.7	5.73	Readings appear to be reversed			
10/16/2006	35.8	34.4	0.11	1.51	1.4		9:20	9:47	0	27	9.9	74.0	2.74	Readings appear to be reversed			
10/17/2006	33.4		2.51				17:15	0:05	6	50				End time is 12:05AM. Rain event.			
10/18/2006	35.8	34.6	0.11	1.31	1.2		13:45	14:20	0	35	8.5	63.4	1.81	Readings appear to be reversed			
10/19/2006	35.7	34.5	0.21	1.41	1.2		14:22	15:50	1	28	8.5	63.4	0.72	Readings appear to be reversed			
10/20/2006	35.9		0.01				13:23	15:06	1	43							
10/21/2006	35.8		0.11				10:54	13:05	2	11							
10/22/2006	35.8	34.6	0.11	1.31	1.2		10:10	10:55	0	45	8.5	63.4	1.41	Readings appear to be reversed			
10/23/2006	35.9	34.7	0.01	1.21	1.2		13:15	14:15	1	0	8.5	63.4	1.06	Readings appear to be reversed			
10/24/2006	35.9		0.01				13:50	16:00	2	10							
10/25/2006	35.7	34.2	0.21	1.71	1.5		13:12	13:43	0	31	10.6	79.3	2.56	Readings appear to be reversed			
10/26/2006	33.9	34.3	2.01	1.61	-0.4		7:26	11:00	3	34							
10/27/2006									0	0							
10/28/2006	35.9	33.5	0.01	2.41	2.4		9:08	13:16	4	8	17.0	126.9	0.51	Rain event, SES pumped all day, no readings.	(3)		
10/29/2006	32.8	32.8	3.11	3.11	0.0		10:42	11:05	0	23				Readings appear to be reversed, Rain event			
10/30/2006	35.7	34.1	0.21	1.81	1.6		13:26	15:12	1	46	11.3	84.6	0.80	Readings appear to be reversed			
10/31/2006	35.9	35.2	0.01	0.71	0.7		13:55	14:32	0	37	4.9	37.0	1.00	Readings appear to be reversed			
11/1/2006	35.8	33.5	0.11	2.41	2.3		13:16	13:45	0	29	16.3	121.6	4.19	Readings appear to be reversed		35.7	0.21
11/2/2006	35.8	34.1	0.11	1.81	1.7		13:36	14:30	0	54	12.0	89.9	1.66	Readings appear to be reversed			
11/3/2006	35.7	33.4	0.21	2.51	2.3		9:29	10:41	1	12	16.3	121.6	1.69	Readings appear to be reversed			
11/4/2006	35.7	34.2	0.21	1.71	1.5		13:11	13:55	0	44	10.6	79.3	1.80	Readings appear to be reversed			
11/5/2006	35.8	34.8	0.11	1.11	1.0		9:59	10:30	0	31	7.1	52.9	1.71	Readings appear to be reversed			
11/6/2006	35.75	34.6	0.16	1.31	1.15		14:44	15:10	0	26	8.1	60.8	2.34	Readings appear to be reversed			
11/7/2006	35.7	35.2	0.21	0.71	0.5		13:30	13:52	0	22	3.5	26.4	1.20	Readings appear to be reversed, Rain event			
11/8/2006	35.75		0.16				13:09	23:02	9	53				Rain event			

TABLE 2.4A
2006 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (feet BTOS)		Water Depth (feet AFOS)		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽¹⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note	max water level	max depth
	start	end	start	end		start	end	h	m							
11/9/2006	35.7	33.3	0.21	2.61	2.4	13:11	14:12	1	1	17.0	126.9	2.08	Readings appear to be reversed			
11/10/2006	35.7	33.3	0.21	2.61	2.4	14:05	15:17	1	12	17.0	126.9	1.76	Readings appear to be reversed			
11/11/2006	35.7	34.1	0.21	1.81	1.6	13:40	14:51	1	11	11.3	84.6	1.19	Readings appear to be reversed			
11/12/2006								0	0				Sunday, no readings	(2)		
11/13/2006	35.75		0.16			13:22	18:00	4	38							
11/14/2006	35.75		0.16			13:48	17:04	3	16							
11/15/2006	35.7		0.21			7:30										
11/16/2006						17:20		17	20							
11/17/2006	35.75	34.2	0.16	1.71	1.55	13:31	15:37	2	6	11.0	82.0	0.65	Rain event Rain event, no readings Readings appear to be reversed, system was turned on and off throughout the day and night to accommodate pumping of the leachate and surface waters			
11/18/2006	35.7	34.3	0.21	1.61	1.4	13:17	14:35	1	18	9.9	74.0	0.95	Readings appear to be reversed, system was turned on and off throughout the day and night to accommodate pumping of the leachate and surface waters	(4)		
11/19/2006								0	0					(4)		
11/20/2006	35.7	34.1	0.21	1.81	1.6	13:24	14:04	0	40	11.3	84.6	2.11	Readings appear to be reversed			
11/21/2006	35.9	34.2	0.01	1.71	1.7	15:25	18:22	2	57	12.0	89.9	0.51	Readings appear to be reversed			
11/22/2006	35.8	34.1	0.11	1.81	1.7	10:19	19:22	9	3	12.0	89.9	0.17	Readings appear to be reversed			
11/23/2006								0	0				Holiday	(2)		
11/24/2006	35.8	34.2	0.11	1.71	1.6	10:12	10:53	0	41	11.3	84.6	2.06	Readings appear to be reversed			
11/25/2006								0	0				Holiday	(2)		
11/26/2006	35.8	34.2	0.11	1.71	1.6	10:13	10:49	0	36	11.3	84.6	2.35	Readings appear to be reversed			
11/27/2006	35.8	34.1	0.11	1.81	1.7	13:03	13:53	0	50	12.0	89.9	1.80	Readings appear to be reversed			
11/28/2006	35.9	34.2	0.01	1.71	1.7	16:24	17:02	0	38	12.0	89.9	2.37	Readings appear to be reversed			
11/29/2006	35.8	34.25	0.11	1.66	1.55	13:13	13:50	0	37	11.0	82.0	2.21	Readings appear to be reversed			
11/30/2006						8:35							Rain event, turned off underdrain to clear all surface water	(4)		
12/1/2006						9:00	Not read						Rain event			
12/2/2006	35.7	34.1	0.21	1.81	1.6	7:15	21:55	14	40	11.3	84.6	0.10	Readings appear to be reversed, Rain event		35.6	0.31
12/3/2006								0	0							
12/4/2006						7:30	17:45	10	15				Rain event. Pump shut off in AM and turned back on in PM.			
12/5/2006						7:50	17:00	9	10				Pump shut down in AM and turned back on in PM due to trucking			
12/6/2006						7:30							Not pumped			
12/7/2006	35.7	34.0	0.21	1.91	1.7	10:22	14:28	4	6	12.0	89.9	0.37	Readings appear to be reversed			
12/8/2006								0	0				Not pumped, SES offsite.	(8)		
12/9/2006	35.8	35.5	0.11	0.41	0.3	9:07	10:57	1	50	2.1	15.9	0.14	Readings appear to be reversed			
12/10/2006								0	0				Sunday, not pumped	(2)		
12/11/2006	35.9	34.1	0.01	1.81	1.8	15:30	17:37	2	7	12.7	95.2	0.75	Readings appear to be reversed			
12/12/2006	35.8	34.2	0.11	1.71	1.6	13:13	20:07	6	54	11.3	84.6	0.20	Readings appear to be reversed			
12/13/2006	35.9	34.0	0.01	1.91	1.9	14:51	16:12	1	21	13.4	100.5	1.24	Readings appear to be reversed, Rain event			
12/14/2006	35.8	34.4	0.11	1.51	1.4	23:24										
12/15/2006	35.9	34.2	0.01	1.71	1.7	13:24	13:35	0	11	12.0	89.9	8.17	Readings appear to be reversed			
12/16/2006	35.8		0.11			14:40										
12/17/2006								0	0				Sunday	(2)		
12/18/2006	35.75		0.16			9:22										
12/19/2006	35.9		0.01			13:25										
12/20/2006	35.8		0.11			12:20										
12/21/2006	35.6	33.9	0.31	2.01	1.7	11:15	13:20	2	5	12.0	89.9	0.72	Readings appear to be reversed			
12/22/2006	35.7	34.2	0.21	1.71	1.5	7:30	9:00	1	30	10.6	79.3	0.88	Readings appear to be reversed, Rain event			
12/23/2006	35.7	34.0	0.21	1.91	1.7	18:30	19:45	1	15	12.0	89.9	1.20	Readings appear to be reversed			
12/24/2006								0	0				Sunday	(2)		
12/25/2006	35.8	34.1	0.11	1.81	1.7	13:41	15:00	1	19	12.0	89.9	1.14	Readings appear to be reversed			
12/26/2006	35.8	35.8	0.11	0.11	0.0	9:00	14:15	5	15				For the remainder of 2006, pumps are running continuously (one or two water level readings are taken per day to confirm pumps are working). Volume of water extracted is not calculated.			
12/27/2006	35.8	35.8	0.11	0.11	0.0	18:15	19:30	1	15							
12/28/2006	35.8	35.8	0.11	0.11	0.0	18:30	19:43	1	13							
12/29/2006	35.8	35.8	0.11	0.11	0.0	13:00	13:30	0	30							
12/30/2006	35.8	35.8	0.11	0.11	0.0	18:30	19:10	0	40							
12/31/2006	35.8	35.8	0.11	0.11	0.0	7:00	10:00	3	0							
Total																

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

⁽¹⁾ Assumed pump operated at a constant flow rate based on pump specifications and total head

(1) No water was pumped on this date, however the water level rose slightly between the two observation times.

(2) Sunday or holiday (no reading unless rain). Maximum 1 day without pumping unless currently raining or rain event has occurred in the previous 24 hours.

(3) System was operated throughout the day to accommodate pumping of the accumulating water.

(4) Underdrain pumped turned off to clear all surface water

(5) Not pumped due to GM Union strike.

(6) Not pumped, Contractor repairing pumping equipment

(7) Not pumped, water is at an acceptable level.

(8) Contractor not on Site, manhole pumped next day.

(9) Readings not collected on this date because Contractor is overly busy (no rain occurred)

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<u>Monitoring Location Information</u>	<u>Jan. 1 - Dec. 31</u>
Top of sump (datum reference)	0
Bottom of sump (feet BTOS)	35.91
sump diameter (feet)	1.5

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (hh:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
start	end	start	end			start	end	h	m					
1/1/2007													For all of 2007, pumps are running continuously (one or two water level readings are taken per day to confirm pumps are working). Volume of water extracted is not calculated.	
1/2/2007	35.8	35.8	0.11	0.11	0	15:00	17:00	2	0					
1/3/2007	35.8	35.8	0.11	0.11	0	13:14	14:57	1	43					
1/4/2007	35.8	35.8	0.11	0.11	0	8:00	17:00	9	0					
1/5/2007	35.8	35.8	0.11	0.11	0	8:11	15:30	7	19					
1/6/2007	35.8	35.8	0.11	0.11	0	8:10	15:30	7	20					
1/7/2007	35.8	35.8	0.11	0.11	0	11:30	15:10	3	40					
1/8/2007	35.8	35.8	0.11	0.11	0	8:00	17:00	9	0					
1/9/2007	35.8	35.7	0.11	0.21	0.1	8:00	17:00	9	0					
1/10/2007	35.7	35.7	0.21	0.21	0	8:45	17:45	9	0					
1/11/2007	35.7	35.7	0.21	0.21	0	7:45	16:00	8	15					
1/12/2007	35.7	35.7	0.21	0.21	0	7:15	16:00	8	45				Heavy rain	
1/13/2007	35.7	35.7	0.21	0.21	0	7:00	16:00	9	0				Heavy rain	
1/14/2007	35.7	35.7	0.21	0.21	0	7:02	17:00	9	58				Heavy rain	
1/15/2007	35.7	35.7	0.21	0.21	0	7:15	17:05	9	50				Heavy rain	
1/16/2007	35.7	35.7	0.21	0.21	0	7:30							Heavy rain	
1/17/2007	35.7	35.7	0.21	0.21	0	7:30	15:30	8	0					
1/18/2007	35.7	35.7	0.21	0.21	0	7:30	16:00	8	30					
1/19/2007	35.7	35.7	0.21	0.21	0	8:15	14:00	5	45					
1/20/2007	35.7	35.7	0.21	0.21	0	8:00	16:00	8	0					
1/21/2007	35.7	35.7	0.21	0.21	0	10:00	15:30	5	30					
1/22/2007	35.7	35.7	0.21	0.21	0	8:30	15:30	7	0					
1/23/2007	35.7	33.7	0.21	2.21	2.0	8:30	17:00	8	30				Continuous pumping?	
1/24/2007	35.7	33.4	0.21	2.51	2.3	7:00	17:30	10	30				Continuous pumping?	
1/25/2007	35.9		0.01			7:30								
1/26/2007	35.7	33.7	0.21	2.21	2.0	7:30	17:00	9	30				Continuous pumping?	
1/27/2007	35.7	33.9	0.21	2.01	1.8	7:36	15:00	7	24				Continuous pumping?	
1/28/2007													Sunday	(1)
1/29/2007	35.7	35.7	0.21	0.21	0	7:40	15:30	7	50					
1/30/2007	35.7	35.7	0.21	0.21	0	7:50	15:30	7	40					
1/31/2007	35.7	35.7	0.21	0.21	0	11:00	15:30	4	30					
2/1/2007	35.7		0.21			7:41								
2/2/2007	35.7		0.21			8:11								
2/3/2007	35.7		0.21			8:04								
2/5/2007	35.7		0.21			9:00								
2/6/2007	35.7		0.21			13:00								
2/7/2007	35.7		0.21			10:30								
2/8/2007	35.7		0.21			7:45								
2/9/2007	35.7		0.21			7:45								
2/10/2007	35.7		0.21			7:30								
2/11/2007													Sunday	(1)
2/12/2007	35.7		0.21			7:30								
2/13/2007	34.0		1.91			8:15							Heavy rain/sleet	
2/14/2007	35.7		0.21			8:45								
2/15/2007	35.7		0.21			8:00								
2/16/2007	35.7		0.21			8:00								
2/17/2007	35.7		0.21			7:30								
2/18/2007													Sunday	(1)
2/19/2007	35.7		0.21			7:30								
2/20/2007	34.0		1.91			11:25							Continuous pumping?	
2/21/2007	35.7		0.21			7:30							Rain event	
2/22/2007	35.7		0.21			7:30								
2/23/2007	35.7		0.21			7:30								

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
2/24/2007	35.7		0.21			10:00							Rain event	
2/25/2007	35.7		0.21			10:00							Rain event	
2/26/2007	35.7		0.21			7:30								
2/27/2007													Water level not read due to work load.	(2)
2/28/2007	35.7		0.21			7:30								
3/1/2007	35.7		0.21			7:30							Rain event	
3/2/2007	35.7		0.21			7:30								
3/3/2007	35.7		0.21			7:30							Rain event	
3/4/2007	35.7		0.21			7:30								
3/5/2007	35.7		0.21			7:30								
3/6/2007	35.7		0.21			7:30								
3/7/2007	35.7		0.21			9:00								
3/8/2007	35.7		0.21			7:30								
3/9/2007	35.7		0.21			14:00								
3/10/2007	35.7		0.21			7:30								
3/11/2007													Sunday	(1)
3/12/2007	35.7		0.21			7:30								
3/13/2007														
3/14/2007	35.7		0.21			7:30								
3/15/2007	35.7		0.21			9:00							Heavy rainfall event	
3/16/2007													Water level not read due to work load.	(2)
3/17/2007	35.7		0.21			9:10								
3/18/2007													Sunday	(1)
3/19/2007	35.7		0.21			8:20								
3/20/2007	35.7		0.21			7:30								
3/21/2007	35.7		0.21			13:20								
3/22/2007	35.7		0.21			10:30							Rain event	
3/23/2007	35.7		0.21			10:30							Rain event	
3/24/2007	35.7		0.21			7:30								
3/25/2007													Sunday	(1)
3/26/2007	35.7		0.21			8:30								
3/27/2007	35.7		0.21			15:30								
3/28/2007	35.7		0.21			7:30							Rain event	
3/29/2007	35.7		0.21			8:30								
3/30/2007	35.7		0.21			8:00								
3/31/2007	35.7		0.21			8:30							Rain event	
4/1/2007													Sunday	(1)
4/2/2007	35.7		0.21			7:30								
4/3/2007	35.7		0.21			7:30							Rain event	
4/4/2007	35.7		0.21			8:30								
4/5/2007	35.7		0.21			8:00								
4/6/2007	35.7		0.21			8:00								
4/7/2007	35.7		0.21			7:30								
4/8/2007													Sunday	(1)
4/9/2007	35.7		0.21			7:30								
4/10/2007	35.7		0.21			7:30								
4/11/2007	35.7		0.21			7:30							Rain event	
4/12/2007	34.1		1.81			7:30							Continuous pumping?	
4/13/2007	35.7		0.21			8:50								
4/14/2007	35.7		0.21			8:00							Rain event	
4/15/2007													Sunday	(1)
4/16/2007	35.7		0.21			7:30								
4/17/2007	35.7		0.21			7:30								
4/18/2007	35.7		0.21			7:30								
4/19/2007	35.7		0.21			7:30								
4/20/2007	35.7		0.21			7:30								
4/21/2007	35.7		0.21			8:40								
4/22/2007													Sunday	(1)
4/23/2007	35.7		0.21			7:30								
4/24/2007	35.7		0.21			7:30								

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
4/25/2007	35.7		0.21			7:30							Rain event	
4/26/2007	35.7		0.21			7:30							Rain event	
4/27/2007	35.7		0.21			7:30								
4/28/2007	35.7		0.21			7:30								
4/29/2007													Sunday	(1)
4/30/2007	35.7		0.21			7:40								
5/1/2007	35.7		0.21			7:30								
5/2/2007	35.7		0.21			7:30							Rain event	
5/3/2007	35.7		0.21			7:30								
5/4/2007	35.7		0.21			7:30							Rain event	
5/5/2007													Saturday	(1)
5/6/2007													Sunday	(1)
5/7/2007	35.7		0.21			7:30								
5/8/2007	35.7		0.21			7:30								
5/9/2007	35.7		0.21			7:30								
5/10/2007	35.7		0.21			7:30								
5/11/2007	35.7		0.21			7:30								
5/12/2007													Saturday	(1)
5/13/2007													Sunday	(1)
5/14/2007	35.7		0.21			7:30								
5/15/2007	35.7		0.21			7:30							Rain event	
5/16/2007	35.8		0.11			7:30								
5/17/2007	35.8		0.11			8:30								
5/18/2007	35.8		0.11			8:30								
5/19/2007													Saturday	(1)
5/20/2007													Sunday	(1)
5/21/2007	35.8		0.11			8:00								
5/22/2007	35.7		0.21			7:45								
5/23/2007	35.6		0.31			7:50								
5/24/2007	35.7		0.21			7:30								
5/25/2007													Holiday	(1)
5/26/2007													Saturday	(1)
5/27/2007													Sunday, rain event	(1)
5/28/2007													Holiday	(1)
5/29/2007	35.6		0.31			7:35								
5/30/2007	35.7		0.21			19:35								
5/31/2007	35.7		0.21			11:30								
6/1/2007	35.75		0.16			7:50								
6/2/2007	35.75		0.16			7:20								
6/3/2007	35.4		0.51			7:30								
6/4/2007	35.45		0.46			8:00							Heavy rainfall event	
6/5/2007	35.7		0.21			10:50								
6/6/2007														
6/7/2007	35.75		0.16			10:40								
6/8/2007	35.4		0.51			8:34							Heavy rainfall event	
6/9/2007	35.75		0.16			7:24								
6/10/2007	35.75		0.16			8:00								
6/11/2007	35.75		0.16			7:37								
6/12/2007	35.75		0.16			7:30								
6/13/2007	35.75		0.16			7:30								
6/14/2007	35.75		0.16			8:11								
6/15/2007	35.75		0.16			7:40								
6/16/2007	35.4		0.51			7:41								
6/17/2007													Sunday	(1)
6/18/2007	35.7		0.21			7:35								
6/19/2007	35.75		0.16			8:27								
6/20/2007	35.75		0.16			13:15								
6/21/2007	35.7		0.21			7:36								
6/22/2007	35.7		0.21			9:30								
6/23/2007	35.75		0.16			7:27								

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
6/24/2007													Sunday	(1)
6/25/2007	35.7		0.21			7:37								
6/26/2007	35.75		0.16			8:20								
6/27/2007	35.55		0.36			13:14								
6/28/2007	35.75		0.16			8:38								
6/29/2007	35.75		0.16			7:48								
6/30/2007	35.75		0.16			8:16								
7/1/2007													Sunday	(1)
7/2/2007	35.7		0.21			7:45								
7/3/2007	35.7		0.21			7:30								
7/4/2007														
7/5/2007	35.6		0.31			7:33								
7/6/2007	35.7		0.21			7:36								
7/7/2007	35.7		0.21			7:27								
7/8/2007													Sunday	(1)
7/9/2007	35.7		0.21			8:14								
7/10/2007	35.75		0.16			7:26								
7/11/2007	35.75		0.16			7:34								
7/12/2007	35.75		0.16			10:23								
7/13/2007	35.75		0.16			7:26								
7/14/2007	35.75		0.16			7:50								
7/15/2007													Sunday	(1)
7/16/2007	35.75		0.16			13:40								
7/17/2007	35.4		0.51			7:30								
7/18/2007	34.3		1.61			8:55							Continuous pumping?	
7/19/2007	35.5		0.41			9:38							Continuous pumping?	
7/20/2007	35.08		0.83			8:34							Continuous pumping?	
7/21/2007	35.5		0.41			8:15							Continuous pumping?	
7/22/2007													Sunday	(1)
7/23/2007	35.75		0.16			8:07								
7/24/2007	35.75		0.16			7:35								
7/25/2007	35.75		0.16			7:30								
7/26/2007	35.7		0.21			7:37								
7/27/2007	35.75		0.16			7:32								
7/28/2007	35.75		0.16			7:42								
7/29/2007													Sunday	(1)
7/30/2007	35.8		0.11			7:36								
7/31/2007														
8/1/2007	35.75		0.16			10:08								
8/2/2007	35.75		0.16			9:07								
8/3/2007	35.80		0.11			17:58								
8/4/2007	35.75		0.16			10:07								
8/5/2007													Sunday	(1)
8/6/2007	35.80		0.11			14:06								
8/7/2007	35.70		0.21			7:53								
8/8/2007													No pumping, power off to place additional risers	(4)
8/9/2007													No pumping, power off to place additional risers	(4)
8/10/2007													No pumping, power off to place additional risers	(4)
8/11/2007													No pumping, power off to place additional risers	(4)
8/12/2007													Sunday	(1)

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
8/13/2007													No pumping, power off to place additional risers	(4)
8/14/2007	35.70		0.21			10:24								
8/15/2007	33.70		2.21			16:00								
8/16/2007	35.75		0.16			7:58								
8/17/2007	35.75		0.16			9:39								
8/18/2007	35.70		0.21			9:50								
8/19/2007	35.50		0.41			9:30								
8/20/2007													No pumping, systems shut down to work on effluent lines to modutai	(5)
8/21/2007													No pumping, systems shut down to work on effluent lines to modutai	(5)
8/22/2007													No pumping, systems shut down to work on effluent lines to modutai	(5)
8/23/2007	32.95		2.96			13:40								
8/24/2007	35.75		0.16			8:06								
8/25/2007	35.75		0.16			8:41								
8/26/2007													Sunday	(1)
8/27/2007	35.75		0.16			8:12								
8/28/2007	35.75		0.16			14:51								
8/29/2007	35.75		0.16			20:51								
8/30/2007	34.10		1.81			13:10							Continuous pumping?	
8/31/2007	35.75		0.16			8:26								
9/1/2007	35.75		0.16			7:51								
9/2/2007													Sunday	(1)
9/3/2007	35.75		0.16			8:12								
9/4/2007	35.75		0.16			13:24								
9/5/2007	35.75		0.16			8:03								
9/6/2007	35.75		0.16			14:33								
9/7/2007	35.75		0.16			7:41								
9/8/2007	35.75		0.16			7:20								
9/9/2007													Sunday	(1)
9/10/2007	35.75		0.16			7:49								
9/11/2007	35.75		0.16			8:05								
9/12/2007	35.75		0.16			8:03								
9/13/2007	35.75		0.16			7:52								
9/14/2007	35.75		0.16			7:35								
9/15/2007	35.75		0.16			8:25								
9/16/2007													Sunday	(1)
9/17/2007	35.75		0.16			7:45								
9/18/2007	35.75		0.16			7:34								
9/19/2007	35.75		0.16			7:35								
9/20/2007	35.75		0.16			8:40								
9/21/2007	35.75		0.16			8:35								
9/22/2007	35.70		0.21			9:42								
9/23/2007													Sunday	(1)
9/24/2007	35.75		0.16			9:45								
9/25/2007														
9/26/2007	35.75		0.16			8:15								
9/27/2007	35.80		0.11			7:25								
9/28/2007	35.80		0.11			9:45								
9/29/2007													Saturday	(1)
9/30/2007													Sunday	(1)
10/1/2007	35.80		0.11			8:49								
10/2/2007	35.75		0.16			16:55								
10/3/2007	35.75		0.16			7:52								
10/4/2007	35.75		0.16			10:54								
10/5/2007	35.75		0.16			9:11								
10/6/2007	35.75		0.16			9:31								
10/7/2007													Sunday	(1)

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
10/8/2007	35.75		0.16			7:43								
10/9/2007	35.75		0.16			9:21								
10/10/2007	35.75		0.16			10:06								
10/11/2007	35.75		0.16			13:26								
10/12/2007	35.75		0.16			9:37								
10/13/2007	35.75		0.16			7:24								
10/14/2007	35.75		0.16			20:17								
10/15/2007	35.75		0.16			21:35								
10/16/2007	35.75		0.16			20:32								
10/17/2007	35.75		0.16			22:14								
10/18/2007	35.75		0.16			20:37								
10/19/2007	35.75		0.16			20:44								
10/20/2007													Saturday	(1)
10/21/2007													Sunday	(1)
10/22/2007	35.75		0.16			13:31								
10/23/2007	35.75		0.16			8:08								
10/24/2007	35.75		0.16			7:45								
10/25/2007	35.75		0.16			13:28								
10/26/2007	35.75		0.16			9:53								
10/27/2007													Saturday	(1)
10/28/2007													Sunday	(1)
10/29/2007														
10/30/2007														
10/31/2007														
11/1/2007	35.75		0.16			11:19								
11/2/2007														
11/3/2007														
11/4/2007													Sunday	(1)
11/5/2007														
11/6/2007														
11/7/2007														
11/8/2007														
11/9/2007														
11/10/2007														
11/11/2007													Sunday	(1)
11/12/2007	35.7		0.21			13:31							Not pumped	
11/13/2007													Not pumped	
11/14/2007													Not pumped	
11/15/2007													Not pumped	
11/16/2007													Not pumped	
11/17/2007													Not pumped	
11/18/2007													Sunday	(1)
11/19/2007	34.1		1.81			10:14							Not pumped?	
11/20/2007	33.8		2.11			9:33							Not pumped?	
11/21/2007	33.6		2.31			10:15							Not pumped?	
11/22/2007														
11/23/2007	33.1		2.81			9:40							Not pumped?	
11/24/2007	33.1		2.81			20:40							Not pumped?	
11/25/2007													Sunday	(1)
11/26/2007	32.7		3.21			21:41							Not pumped?	
11/27/2007	32.5		3.41			2:29							Pumped?	
11/28/2007	35.7		0.21			19:49								
11/29/2007	35.7		0.21			21:27								
11/30/2007	35.7		0.21			22:04								
12/1/2007													Saturday	(1)
12/2/2007													Sunday	(1)
12/3/2007	35.8		0.11			13:15								
12/4/2007	35.8		0.11			7:45								

TABLE 2.4B
2007 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Water Level (ft BTOS)		Water Depth		Change in Water Depth (feet)	Time (h:mm)		Duration of Pumping?		Volume Pumped ⁽¹⁾ (cu. ft)	Volume Pumped ⁽²⁾ (gallons)	Flow Rate (gallons/min)	Comments	Note
	start	end	start	end		start	end	h	m					
12/5/2007														
12/6/2007	35.8		0.11			10:00								
12/7/2007													Not pumped	
12/8/2007	35.8		0.11			10:30								
12/9/2007													Sunday	(1)
12/10/2007													Not pumped	
12/11/2007	35.8		0.11			13:30								
12/12/2007	35.8		0.11			13:25								
12/13/2007														
12/14/2007	35.8		0.11			8:50								
12/15/2007	35.8		0.11			21:45								
12/16/2007													Sunday	(1)
12/17/2007	35.8		0.11			2:10								
12/18/2007	35.8		0.11			23:25								
12/19/2007	35.8		0.11			23:41								
12/20/2007	35.8		0.11			22:53								
12/21/2007	35.8		0.11			21:50								
12/22/2007	35.8		0.11			5:02								
12/23/2007													Sunday	(1)
12/24/2007	35.8		0.11			9:57								
12/25/2007	35.8		0.11			14:02								
12/26/2007	35.8		0.11			13:24								
12/27/2007	35.8		0.11			14:23								
12/28/2007	35.8		0.11			14:12								
12/29/2007	35.7		0.21			13:33								
12/30/2007	35.9		0.01			1:24								
12/31/2007	35.9		0.01			2:31								
Total														
Average/day														

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

(*) Assumed pump operated at a constant flow rate based on pump specifications and total head

(1) Sunday or holiday (no reading unless rain).

(2) Readings not collected on this date because Contractor is overly busy (no rain occurred)

(3) No water was pumped on this date, however the water level rose slightly between the two observation times.

(4) No pumping, power off to place additional risers

(5) No pumping, systems shut down to work on effluent lines to modutank

(6) Not pumped due to GM Union strike.

(7) Not pumped, Contractor repairing pumping equipment

(8) Not pumped, water is at an acceptable level.

(9) Contractor not on Site, manhole pumped next day.

TABLE 2.4C

**2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<u>Monitoring Location Information</u>		<u>Jan. 1 - Feb. 11</u>	<u>Dec. 22 - Dec. 31</u>		
<i>Top of sump (datum reference)</i>		0	0		
<i>Bottom of sump (feet BTOS)</i>		35.91	46.91		
<i>sump diameter (feet)</i>		3.0	3.0		
<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
1/1/2008	35.8	1:41	0.11		
1/2/2008	35.8	2:21	0.11		
1/3/2008	35.8	1:16	0.11	Pump ran continuously for 2008. Water levels taken once per day. Volume of water extracted is not calculated.	
1/4/2008	35.9	2:53	0.01		
1/5/2008	35.9	6:10	0.01	Rain event	
1/6/2008	35.9	13:43	0.01		
1/7/2008	35.9	11:12	0.01		
1/8/2008	35.9	11:37	0.01	Rain event	
1/9/2008	35.9	10:57	0.01		
1/10/2008	35.9	14:08	0.01	Rain event	
1/11/2008	35.8	14:44	0.11		
1/12/2008	35.9	1:06	0.01		
1/13/2008	35.9	1:23	0.01	Rain event	
1/14/2008	35.9	1:41	0.01		
1/15/2008	35.9	2:23	0.01		
1/16/2008	35.9	1:46	0.01		
1/17/2008	35.9	1:21	0.01	Rain event	
1/18/2008	35.9	3:04	0.01		
1/19/2008				No water level reading	(1)
1/20/2008				No water level reading	(1)
1/21/2008				No water level reading	(1)
1/22/2008				No water level reading - Rain event	(1)
1/23/2008				No water level reading	(1)
1/24/2008				No water level reading	(1)
1/25/2008				No water level reading	(1)
1/26/2008				No water level reading	(1)
1/27/2008				No water level reading	(1)
1/28/2008				No water level reading	(1)
1/29/2008				No water level reading - Rain event	(1)
1/30/2008				No water level reading	(1)
1/31/2008				No water level reading	(1)
2/1/2008				No water level reading	(1)
2/2/2008				No water level reading	(1)
2/3/2008				No water level reading	(1)
2/4/2008				No water level reading	(1)
2/5/2008				No water level reading - Rain event	(1)
2/6/2008				No water level reading - Rain event	(1)
2/7/2008				No water level reading	(1)
2/8/2008	35.8	13:45	0.11		
2/9/2008	35.7	21:31	0.21		
2/10/2008	35.7	23:22	0.21		
2/11/2008	35.7	22:54	0.21		
2/12/2008	35.7	0:00	0.21	Rain event	
2/13/2008	35.7	14:47	0.21		
2/14/2008	35.7	10:37	0.21	Rain event	
2/15/2008	35.8	11:06	0.11		
2/16/2008	35.9	14:10	0.01		
2/17/2008	35.9	9:12	0.01	Rain event	
2/18/2008	35.9	8:31	0.01		
2/19/2008	35.9	10:12	0.01		
2/20/2008	35.9	9:31	0.01		
2/21/2008	35.9	10:34	0.01		
2/22/2008	35.9	14:27	0.01		
2/23/2008	35.9	15:46	0.01	Rain event	
2/24/2008	35.9	11:47	0.01	Rain event	
2/25/2008	35.9	10:19	0.01	Rain event	
2/26/2008	35.9	9:57	0.01	Rain event	
2/27/2008	35.9	11:07	0.01	Rain event	
2/28/2008	35.9	9:34	0.01		
2/29/2008	35.9	10:39	0.01		
3/1/2008	35.9	06:42	0.01		
3/2/2008	35.9	10:34	0.01		
3/3/2008	35.9	11:22	0.01	Rain event	
3/4/2008	35.9	13:41	0.01	Rain event	
3/5/2008	35.9	11:26	0.01		
3/6/2008	35.9	13:46	0.01		
3/7/2008	35.9	13:40	0.01		

TABLE 2.4C

2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
3/8/2008	35.9	9:46	0.01		
3/9/2008				Sunday	(2)
3/10/2008	35.9	15:05	0.01		
3/11/2008	35.9	12:04	0.01		
3/12/2008	35.9	11:42	0.01		
3/13/2008	35.9	15:04	0.01		
3/14/2008	35.9	14:41	0.01	Rain event	
3/15/2008	35.9	13:56	0.01		
3/16/2008				Sunday	(2)
3/17/2008	35.9	14:24	0.01		
3/18/2008	35.9	13:17	0.01	Rain event	
3/19/2008	35.9	13:23	0.01	Rain event	
3/20/2008	35.9	15:47	0.01		
3/21/2008	35.9	13:05	0.01		
3/22/2008				Saturday, Off-Site	(2)
3/23/2008	35.9	13:34	0.01	Rain event	
3/24/2008	35.9	16:38	0.01		
3/25/2008	35.9	10:06	0.01		
3/26/2008	35.9	15:48	0.01	Rain event	
3/27/2008	35.9	16:35	0.01	Rain event	
3/28/2008	35.9	13:30	0.01	Rain event	
3/29/2008	35.9	12:52	0.01		
3/30/2008	35.9	9:49	0.01	Rain event	
3/31/2008	35.85	14:04	0.06	Rain event	
4/1/2008	35.9	11:42	0.01	Rain event	
4/2/2008	32.7	14:19	3.21	Off for pipe work	(3)
4/3/2008	32.2	9:22	3.71	Off for pipe work - Rain event	(3)
4/4/2008	35.9	13:19	0.01	Rain event	
4/5/2008	35.9	9:14	0.01		
4/6/2008	35.9	14:16	0.01	Off for pipe work	(3)
4/7/2008	32.6	15:39	3.31	Off for pipe work	(3)
4/8/2008	32.0	10:13	3.91	Off for pipe work	(3)
4/9/2008	31.6	13:56	4.31	Back on at 2:10 PM - Rain event	
4/10/2008	35.9	11:42	0.01	Rain event	
4/11/2008	35.9	10:20	0.01	Rain event	
4/12/2008	35.9	13:42	0.01	Rain event	
4/13/2008				Sunday	(2)
4/14/2008	35.9	16:27	0.01		
4/15/2008	35.9	16:42	0.01		
4/16/2008	35.9	15:39	0.01		
4/17/2008	35.9	16:18	0.01		
4/18/2008	35.9	13:31	0.01		
4/19/2008				Saturday, Off-Site	(2)
4/20/2008	35.85	14:37	0.06		
4/21/2008	35.9	16:31	0.01		
4/22/2008	35.9	12:17	0.01	Shut down 4:24 pm broke pipe	(3)
4/23/2008	35.9	13:33	0.01	Turned back on at 9:57 AM	
4/24/2008	35.9	14:23	0.01	Rain event	
4/25/2008	35.9	11:08	0.01		
4/26/2008	35.9	14:16	0.01	Rain event	
4/27/2008				Sunday	(2)
4/28/2008	35.9	0:00	0.01	CRA Tested Sump - Rain event	(4)
4/29/2008	35.9	12:50	0.01	CRA Tested Sump	(4)
4/30/2008	35.9	14:52	0.01		
5/1/2008	35.9	14:09	0.01		
5/2/2008	35.9	11:20	0.01	Rain event	
5/3/2008				Saturday, Off-Site - Rain event	(2)
5/4/2008	35.9	13:43	0.01		
5/5/2008	35.9	15:07	0.01		
5/6/2008	35.9	12:53	0.01		
5/7/2008	35.9	11:24	0.01	Rain event	
5/8/2008	35.9	9:44	0.01	Rain event	
5/9/2008	35.9	13:39	0.01	Rain event	
5/10/2008				Saturday, Off-Site	(2)
5/11/2008	35.9	13:37	0.01	Rain event	
5/12/2008	35.9	10:47	0.01		
5/13/2008	35.9	10:13	0.01		
5/14/2008	35.9	16:54	0.01	Rain event	
5/15/2008	35.9	15:05	0.01	Rain event	
5/16/2008	35.8	12:54	0.11		
5/17/2008	35.8	13:54	0.11		
5/18/2008				Sunday, Rain event	(2)

TABLE 2.4C

2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
5/19/2008	35.8	14:17	0.11	Rain event	
5/20/2008	35.8	13:52	0.11		
5/21/2008	35.8	14:14	0.11		
5/22/2008	35.9	9:11	0.01		
5/23/2008	35.8	9:37	0.11	Rain event	
5/24/2008				Saturday, Off-Site	(2)
5/25/2008	35.8	14:06	0.11		
5/26/2008				Holiday, Off-Site	(2)
5/27/2008	35.8	7:55	0.11	Rain event	
5/28/2008	35.8	16:18	0.11		
5/29/2008	35.8	15:27	0.11		
5/30/2008	35.8	14:17	0.11		
5/31/2008				Saturday, Off-Site	(2)
6/1/2008	35.8	13:35	0.11		
6/2/2008	35.85	10:34	0.06		
6/3/2008	35.85	10:57	0.06	Rain event	
6/4/2008	35.8	14:14	0.11	Rain event	
6/5/2008	35.8	10:16	0.11		
6/6/2008	35.8	12:24	0.11		
6/7/2008	35.9	14:37	0.01	Rain event	
6/8/2008				Sunday	(2)
6/9/2008	35.8	12:56	0.11	Rain event	
6/10/2008	35.8	9:26	0.11	Rain event	
6/11/2008	35.85	10:59	0.06		
6/12/2008	35.85	8:54	0.06		
6/13/2008	35.9	17:04	0.01	Rain event	
6/14/2008				Saturday, Off-Site	
6/15/2008	35.8	13:15	0.11		
6/16/2008	35.85	17:02	0.06		
6/17/2008	35.85	8:39	0.06		
6/18/2008	35.85	13:29	0.06		
6/19/2008	35.85	17:24	0.06		
6/20/2008	35.85	14:17	0.06		
6/21/2008	35.9	13:21	0.01		
6/22/2008				Sunday	
6/23/2008	35.9	17:21	0.01		
6/24/2008	35.9	17:28	0.01		
6/25/2008	35.9	14:31	0.01		
6/26/2008	35.9	10:29	0.01		
6/27/2008	35.9	15:38	0.01	Rain event	
6/28/2008				Saturday, Off-Site - Rain event	(2)
6/29/2008	35.9	11:14	0.01	Rain event	
6/30/2008	35.9	17:24	0.01		
7/1/2008	35.9	15:37	0.01		
7/2/2008	35.9	12:04	0.01		
7/3/2008	35.8	9:32	0.11	Rain event	
7/4/2008	35.9	10:13	0.01	Rain event	
7/5/2008	35.9	12:43	0.01		
7/6/2008	35.9	10:21	0.01		
7/7/2008	35.9	14:56	0.01	Rain event	
7/8/2008	35.85	11:48	0.06	Rain event	
7/9/2008	35.9	10:22	0.01		
7/10/2008	35.9	12:24	0.01		
7/11/2008	35.9	14:34	0.01		
7/12/2008	35.9	14:58	0.01	Rain event	
7/13/2008	35.9	9:44	0.01		
7/14/2008	35.9	14:31	0.01		
7/15/2008	35.8	12:11	0.11		
7/16/2008	35.9	9:22	0.01		
7/17/2008	35.9	10:28	0.01		
7/18/2008	35.8	12:55	0.11		
7/19/2008				Saturday, Off-Site	
7/20/2008	35.8	13:17	0.11	Rain event	
7/21/2008	35.8	10:53	0.11		
7/22/2008	35.9	10:34	0.01	Rain event	
7/23/2008	35.8	12:35	0.11		
7/24/2008	35.8	12:20	0.11		
7/25/2008	35.8	15:31	0.11		
7/26/2008	35.8	13:58	0.11		
7/27/2008				Sunday	
7/28/2008	35.8	12:34	0.11		
7/29/2008	35.8	12:30	0.11		

TABLE 2.4C

**2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
7/30/2008	35.8	9:24	0.11	Rain event	
7/31/2008	35.8	13:19	0.11	Rain event	
8/1/2008	35.8	9:33	0.11		
8/2/2008				Saturday, Off-Site	
8/3/2008	35.8	14:07	0.11		
8/4/2008	35.8	11:30	0.11		
8/5/2008	35.8	11:23	0.11	Rain event	
8/6/2008	35.8	9:27	0.11	Rain event	
8/7/2008	35.8	13:16	0.11		
8/8/2008	35.8	13:41	0.11		
8/9/2008	35.8	13:32	0.11		
8/10/2008				Sunday	
8/11/2008	35.8	16:33	0.11		
8/12/2008	35.8	11:26	0.11		
8/13/2008	35.8	13:19	0.11		
8/14/2008	35.8	9:24	0.11		
8/15/2008	35.9	16:24	0.01		
8/16/2008	35.9	14:04	0.01		
8/17/2008	35.9	15:15	0.01		
8/18/2008	35.9	11:42	0.01		
8/19/2008	35.9	16:27	0.01		
8/20/2008	35.9	13:43	0.01		
8/21/2008	35.9	12:42	0.01		
8/22/2008	35.9	17:41	0.01		
8/23/2008	35.9	12:09	0.01		
8/24/2008	35.8	15:08	0.11		
8/25/2008	35.9	13:28	0.01		
8/26/2008	35.9	16:51	0.01		
8/27/2008	35.9	15:35	0.01	Rain event	
8/28/2008	35.9	12:21	0.01	Rain event	
8/29/2008	35.9	9:20	0.01		
8/30/2008				Saturday, off-Site	
8/31/2008	35.9	14:19	0.01		
9/1/2008	35.9	11:39	0.01		
9/2/2008	35.8	8:32	0.11		
9/3/2008	35.8	14:03	0.11		
9/4/2008	35.9	14:47	0.01		
9/5/2008	35.9	13:11	0.01	Rain event	
9/6/2008	35.9	9:47	0.01		
9/7/2008				Sunday	
9/8/2008	35.9	14:13	0.01		
9/9/2008	35.9	11:32	0.01		
9/10/2008	35.9	10:42	0.01		
9/11/2008	35.9	14:23	0.01	Rain event	
9/12/2008	35.9	10:09	0.01	Rain event	
9/13/2008	35.9	9:02	0.01		
9/14/2008	35.9	15:09	0.01		
9/15/2008	35.9	8:29	0.01		
9/16/2008	35.9	11:09	0.01		
9/17/2008	35.9	11:02	0.01		
9/18/2008	35.9	18:18	0.01		
9/19/2008	35.9	17:48	0.01		
9/20/2008	35.9	10:36	0.01		
9/21/2008				Sunday	
9/22/2008	35.9	13:35	0.01		
9/23/2008	35.9	14:31	0.01		
9/24/2008	35.9	10:15	0.01		
9/25/2008	35.9	13:41	0.01		
9/26/2008	35.9	15:27	0.01		
9/27/2008	35.8	17:29	0.11		
9/28/2008	35.9	15:04	0.01		
9/29/2008	35.9	18:29	0.01		
9/30/2008	35.9	18:04	0.01		
10/1/2008	35.2		0.71	Vault clay placement (no pumping)	
10/2/2008	34.9		1.01	Vault clay placement (no pumping)	
10/3/2008	34.8		1.11	Vault clay placement (no pumping)	
10/4/2008	34.75		1.16	Vault clay placement (no pumping)	
10/5/2008	33.5		2.41	Vault clay placement (no pumping)	
10/6/2008	32.95		2.96	Vault clay placement (no pumping)	
10/7/2008	32.8		3.11	Vault clay grading (no pumping) - Rain event	
10/8/2008	32.5		3.41	Vault clay grading (no pumping) - Rain event	
10/9/2008	32.4	7:54	3.51	Vault clay grading (no pumping)	

TABLE 2.4C

**2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
10/10/2008	32.4		3.51	Vault clay grading (no pumping)	
10/11/2008	31.9		4.01	Vault liner placement	
10/12/2008	31.7		4.21	Sunday (no liner work)	
10/13/2008	31.6		4.31	Vault liner placement	
10/14/2008	31.45		4.46	Vault liner placement - Rain event	
10/15/2008	31.4		4.51	Vault geonet placement - Rain event	
10/16/2008	31.3		4.61	Vault geonet placement - Rain event	
10/17/2008	31.1		4.81	Vault geonet placement	
10/18/2008	31		4.91		
10/19/2008				Sunday	
10/20/2008	35.2	14:25	0.71	Pumping resumes	
10/21/2008	35.2		0.71		
10/22/2008	35.2		0.71		
10/23/2008	35.2		0.71		
10/24/2008	35.2		0.71	Rain event	
10/25/2008				Saturday, Off-Site	
10/26/2008	35.2		0.71		
10/27/2008	35.2		0.71		
10/28/2008	35.2		0.71		
10/29/2008	35.2		0.71		
10/30/2008	35.2		0.71		
10/31/2008	35.2		0.71		
11/1/2008	35.2		0.71		
11/2/2008	35.2		0.71		
11/3/2008	35.2		0.71		
11/4/2008	35.2		0.71		
11/5/2008	35.2		0.71		
11/6/2008	35.2		0.71	Rain event	
11/7/2008	35.2		0.71		
11/8/2008	35.2		0.71		
11/9/2008	35.2		0.71		
11/10/2008	35.2		0.71	McIntyre Installed new pumps	
11/11/2008	35.2	14:42	0.71	Rain event	
11/12/2008	35.2	15:14	0.71	Rain event	
11/13/2008	35.8	15:48	0.11	Rain event	
11/14/2008	35.6	15:04	0.31	Rain event	
11/15/2008	35.4	16:52	0.51	Rain event	
11/16/2008	35.2	13:22	0.71		
11/17/2008	35.0	15:31	0.91	Grading fill placement on north face (no pumping)	(5)
11/18/2008	34.4	15:42	1.51	Grading fill placement on north face (no pumping)	(5)
11/19/2008	33.9	14:21	2.01	Grading fill placement on north face (no pumping)	(5)
11/20/2008	33.2	13:29	2.71	Grading fill placement on north face (no pumping)	(5)
11/21/2008	31.8	13:43	4.11	Grading fill placement on north face (no pumping)	(5)
11/22/2008	31.4	15:34	4.51	Grading fill placement on north face (no pumping)	(5)
11/23/2008	31.0	15:39	4.91	Sunday - No Pumping	(5)
11/24/2008	30.7	14:46	5.21	Grading fill placement (no pumping) - Rain event	(5)
11/25/2008	30.1	17:17	5.81	No Pumping	(5)
11/26/2008	29.7		6.21	No Pumping	(5)
11/27/2008	29.4		6.51	No Pumping	(5)
11/28/2008	29.0		6.91	No Pumping	(5)
11/29/2008				Saturday, Off-Site	(2)
11/30/2008				Sunday, Rain event	(2)
12/1/2008	31	16:16	4.91	Pumped - Rain event	
12/2/2008	32	14:41	3.91	Pumped	
12/3/2008	34	16:21	1.91	Pumped - Rain event	
12/4/2008				ENTACT working grading fill	(6)
12/5/2008				ENTACT working grading fill	(6)
12/6/2008				ENTACT working grading fill - Rain event	(6)
12/7/2008				ENTACT working grading fill	(6)
12/8/2008				ENTACT working grading fill	(6)
12/9/2008				ENTACT working grading fill - Rain event	(6)
12/10/2008				ENTACT working grading fill - Rain event	(6)
12/11/2008				ENTACT working grading fill	(6)
12/12/2008				ENTACT working grading fill	(6)
12/13/2008				ENTACT working grading fill	(6)
12/14/2008				ENTACT working grading fill - Rain event	(6)
12/15/2008	31.5	17:15	4.41	ENTACT working grading fill - Rain event	(6)
12/16/2008	31.0	17:27	4.91	ENTACT working grading fill	(6)
12/17/2008	31.9	17:49	4.01	ENTACT working grading fill	(6)
12/18/2008	30.6	18:02	5.31	Electrical Malfunction as per SES	(7)
12/19/2008	29.4	17:15	6.51	Electrical Malfunction as per SES	(7)
12/20/2008				Saturday, Off-Site	(2)

TABLE 2.4C

2008 UNDERDRAIN PUMPING DATA
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Water Level (ft BTOS) start</i>	<i>Time (hh:mm)</i>	<i>Water Depth (feet AFOS)</i>	<i>Comments</i>	<i>Note</i>
12/21/2008				Sunday	(2)
12/22/2008	41.4	13:27	5.51	Installed 11' HDPE extension and 20' pump extension	
12/23/2008	41.3	9:15	5.61	Rain event	
12/24/2008	41.2	14:14	5.71	Rain event	
12/25/2008	41.2	17:02	5.71		
12/26/2008	41.2	20:40	5.71	Rain event	
12/27/2008				Saturday, Off-Site - Rain event	(2)
12/28/2008				Sunday - Rain event	(2)
12/29/2008	41.1	19:52	5.81	Tried pumping but line frozen	(8)
12/30/2008	41.1	15:22	5.81	Pumped for ten minutes and then line disconnected	
12/31/2008	41.4	13:20	5.51		

Note:

BTOS - Below top of sump

AFOS - Above floor of sump

(1) No water level measurement.

(2) Saturday/Sunday/Holiday - no water level measurement.

(3) Not pumped to accommodate pipe work.

(4) Not pumped to accommodate CRA sampling/testing.

(5) Not pumped.

(6) ENTACT working grading fill.

(7) Electrical malfunction as per SES.

(8) Not pumped due to frozen pumping lines.

TABLE 2.5
MAXIMUM WATER ELEVATION SUMMARY
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Date	Maxium Water Level Prior to Pumping, feet BTOS (Water Depth, feet AFOS)					
	LCS		LDS		Underdrain	
Aug-06	36.2	(1.2)	25.6	(11.8)	32.9	(3.0)
Sep-06	24.4	(13.0)	32.7	(4.7)	32.5	(3.4)
Oct-06	32.7	(4.7)	34.2	(3.2)	32.8	(3.1)
Nov-06	32.5	(4.9)	33.5	(3.9)	35.7	(0.2)
Dec-06	35.2	(2.2)	35.1	(2.3)	35.6	(0.3)
Jan-07	32.9	(9.9)	34.3	(3.1)	35.7	(0.2)
Feb-07	39.7	(3.1)	25.1	(12.3)	34.0	(1.9)
Mar-07	39.9	(2.9)	36.3	(1.1)	35.7	(0.2)
Apr-07	38.4	(4.4)	33.5	(3.9)	34.1	(1.8)
May-07	41.9	(0.9)	36.8	(0.6)	35.6	(0.3)
Jun-07	42.0	(0.8)	36.9	(0.5)	35.4	(0.5)
Jul-07	41.8	(1.0)	37.0	(0.4)	34.3	(1.6)
Aug-07	51.1	(1.6)	37.0	(0.4)	33.0	(3.0)
Sep-07	51.4	(1.3)	44.8	(0.5)	35.7	(0.2)
Oct-07	51.2	(1.5)	44.1	(1.2)	35.8	(0.2)
Nov-07	50.5	(2.2)	42.3	(3.0)	32.5	(3.4)
Dec-07	50.9	(1.8)	40.6	(4.7)	35.7	(0.2)
Jan-08	52.2	(0.6)	42.9	(2.4)	35.8	(0.1)
Feb-08	52.1	(0.7)	42.4	(5.2)	35.7	(0.2)
Mar-08	48.8	(4.0)	41.5	(6.1)	35.9	(0.1)
Apr-08	51.8	(1.0)	44.7	(2.9)	31.6	(4.3)
May-08	52.2	(0.6)	44.7	(2.9)	35.8	(0.1)
Jun-08	52.2	(0.6)	44.8	(2.8)	35.8	(0.1)
Jul-08	52.2	(0.6)	44.7	(2.9)	35.8	(0.1)
Aug-08	52.3	(0.5)	44.8	(2.8)	35.8	(0.1)
Sep-08	52.3	(0.5)	44.8	(2.8)	35.8	(0.1)
Oct-08	49.9	(2.9)	43.5	(4.1)	31.0	(4.9)
Nov-08	51.1	(1.7)	42.4	(5.2)	29.0	(6.9)
Dec-08	54.2	(4.5)	44.8	(6.5)	29.4	(6.5)

Notes:

BTOS - Below top of sump

AFOS - Above floor of sump

Top of sump (datum reference) = 0.0

Diameter of LCS and LDS sumps = 6.0 feet

Diameter of Underdrain sump = 1.5 feet

<u>LCS Information</u>	<u>Aug. 30 - Dec. 21, 2006</u>	<u>Jan. 1 - Aug. 7, 2007</u>	<u>Aug. 8 - Dec. 31, 2007</u>	<u>Jan. 1 - Dec. 4, 2008</u>	<u>Dec. 5 - Dec. 31, 2008</u>	
Bottom of sump (feet BTOS)	37.4	42.8	52.7	52.8	58.67	
<u>LDS Information</u>	<u>Aug. 30 - Dec. 21, 2006</u>	<u>Jan. 1 - Aug. 7, 2007</u>	<u>Aug. 8 - Dec. 31, 2007</u>	<u>Jan. 1 - Jan. 31, 2008</u>	<u>Feb. 1 - Dec. 4, 2008</u>	<u>Dec. 5 - Dec. 31, 2008</u>
Bottom of sump (feet BTOS)	37.4	37.4	45.3	45.25	47.6	51.25
<u>Underdrain Information</u>	<u>Aug. 30 - Dec. 21, 2006</u>	<u>Jan. 1 - Dec. 31, 2007</u>	<u>Jan. 1 - Dec. 21, 2008</u>	<u>Dec. 22 - Dec. 31, 2008</u>		
Bottom of sump (feet BTOS)	35.9	35.9	35.9	46.41		

TABLE 3.1.1
STATION 1B PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
15-Jun-05	PUF-7	308	6.3	0.0205	2
16-Jun-05	PUF-7	345	14.0	0.0406	4
17-Jun-05	PUF-7	385	8.3	0.0216	2
20-Jun-05	PUF-7	343	56.0	0.1633	16
21-Jun-05	PUF-7	376	12.0	0.0319	3
22-Jun-05	PUF-7	361	93.0	0.2576	26
29-Jun-05	PUF-7	411	76.0	0.1849	18
06-Jul-05	PUF-7	314	38.0	0.121	12
13-Jul-05	PUF-7	379	33.0	0.0871 J	9
20-Jul-05	PUF-7	355	20.0	0.0563 J	6
28-Jul-05	PUF-7	348	25.0	0.0718	7
03-Aug-05	PUF-7	365	37.0	0.1014	10
10-Aug-05	PUF-7	337	27.0	0.0801 J	8
17-Aug-05	PUF-7	343	93.0	0.2711	27
02-Nov-05	PUF-7	292	68.0	0.2329	23
09-Nov-05	PUF-7	398	2.0	0.005	0
30-Nov-05	PUF-7	407	11.0	0.027	3
07-Dec-05	PUF-7	373	3.6	0.0097 J	1
21-Dec-05	PUF-7	425	5.1	0.012	1
04-Jan-06	PUF-7	399	2.9	0.0073	1
12-Jan-06	PUF-7	428	24.0	0.0561	6
18-Jan-06	PUF-7	412	6.2	0.015	2
25-Jan-06	PUF-7	355	3.0	0.0085	1
01-Feb-06	PUF-7	364	8.1	0.0223	2
07-Feb-06	PUF-7	357	1.2	0.0034	0
13-Feb-06	PUF-7	414	1.6	0.0039 J	0
20-Feb-06	PUF-7	371	2.2	0.0059	1
27-Feb-06	PUF-7	369	7.8	0.0211	2
06-Mar-06	PUF-7	330	3.4	0.0103	1
15-Mar-06	PUF-7	349	14.0	0.0401 J	4
20-Mar-06	PUF-7	5	*	*	*
29-Mar-06	PUF-7	306	18.0	0.0588	6
10-Apr-06	PUF-7	242	75.0	0.3099	31
11-Apr-06	PUF-7	282	34.0	0.1206	12
20-Apr-06	PUF-16	247	34.0	0.1377	14
01-May-06	PUF-16	247	88.0	0.3563	36
03-May-06	PUF-16	401	520.0	1.2968	130 ⁽¹⁾
12-May-06	PUF-16	347	30.0	0.0865	9
13-May-06	PUF-16	233	*	*	*
16-May-06	PUF-16	448	14.0	0.0312	3
17-May-06	PUF-16	404	7.4	0.0183	2
18-May-06	PUF-16	375	7.7	0.0205	2
19-May-06	PUF-16	410	25.0	0.061	6
22-May-06	PUF-16	410	25.0	0.061	6
23-May-06	PUF-16	343	71.0	0.207	21
24-May-06	PUF-16	421	370.0	0.8789	88
25-May-06	PUF-16	401	170.0	0.4239	42
30-May-06	PUF-16	440	380.0	0.8636	86
31-May-06	PUF-16	418	130.0	0.311	31
01-Jun-06	PUF-16	431	110.0	0.2552	26
02-Jun-06	PUF-16	444	47.0	0.1059	11

TABLE 3.1.1
STATION 1B PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
05-Jun-06	PUF-16	435	38.0	0.0874	9
06-Jun-06	PUF-16	434	750.0	1.7281	173 ⁽²⁾
07-Jun-06	PUF-16	411	460.0	1.1192	112 ⁽²⁾
08-Jun-06	PUF-16	411	110.0	0.2676	27
09-Jun-06	PUF-16	403	53.0	0.1315	13
10-Jun-06	PUF-16	166	*	*	*
12-Jun-06	PUF-16	508	28.0	0.0551	6
14-Jun-06	PUF-16	370	58.0	0.1568	16
15-Jun-06	PUF-16	412	750.0	1.8204	182 ⁽²⁾
16-Jun-06	PUF-16	390	1300.0	3.3333 J	333 ⁽²⁾
17-Jun-06	PUF-16	474	557.0	1.7511 J	175 ⁽²⁾
19-Jun-06	PUF-16	417	300.0	0.7194	72

Notes:

* Results not reported due to machine malfunction.

J Estimated result. Results if less than the reporting limit.

ND Not detected.

⁽¹⁾ Exceedance primarily attributed to stockpile activities at the Zipp Parking Lot

⁽²⁾ Exceedance primarily attributed to >50 ppm material placement into the vault and East Plant Excavation

TABLE 3.1.2

STATION 1C PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
21-Jun-06	PUF-16	168	11.0	0.0655	7
22-Jun-06	PUF-16	214	56.0	0.2617	26
23-Jun-06	PUF-16	205	18.0	0.0878	9
24-Jun-06	PUF-16	213	18.0	0.0845	8
26-Jun-06	PUF-16	200	65.0	0.325	32
27-Jun-06	PUF-16	215	18.0	0.0837	8
28-Jun-06	PUF-16	229	56.0	0.2445	24
29-Jun-06	PUF-16	215	52.0	0.2419	24
30-Jun-06	PUF-16	512	240.0	0.4688	47
3-Jul-06	PUF-16	468	6.4	0.0137 J	1
5-Jul-08	PUF-16	369	7.2	0.0195	2
6-Jul-08	PUF-16	475	10.0	0.0211	2
7-Jul-08	PUF-16	403	14.0	0.0347	3
8-Jul-06	PUF-16	470	120.0	0.2553 J	26
10-Jul-06	PUF-16	427	350.0	0.8197	82
17-Jul-06	PUF-16	421	380.0	0.9026	90
18-Jul-06	PUF-16	409	56.0	0.1369	14
19-Jul-06	PUF-16	435	550.0	1.2644	126 ⁽¹⁾
20-Jul-06	PUF-16	425	220.0	0.5176	52
21-Jul-06	PUF-16	391	140.0	0.3581	36
22-Jul-06	PUF-16	525	26.0	0.0495	5
24-Jul-06	PUF-16	386	65.0	0.1684	17
25-Jul-06	PUF-16	424	560.0	1.3208	132 ⁽¹⁾
26-Jul-06	PUF-16	445	42.0	0.0944	9
28-Jul-06	PUF-16	421	59.0	0.1401	14
29-Jul-06	PUF-16	435	210.0	0.4828	48
31-Jul-06	PUF-16	373	520.0	1.3941	139 ⁽¹⁾
1-Aug-06	PUF-16	452	360.0	0.7965	80
2-Aug-06	PUF-16	432	15.0	0.0347	3
3-Aug-06	PUF-16	448	14.0	0.0312	3
4-Aug-06	PUF-16	427	20.0	0.0468	5
5-Aug-06	PUF-16	505	37.0	0.0733	7
7-Aug-06	PUF-16	436	24.0	0.055	6
8-Aug-06	PUF-16	356	73.0	0.2051	21
9-Aug-06	PUF-16	432	140.0	0.3241	32
10-Aug-06	PUF-16	422	91.0	0.2156	22
11-Aug-06	PUF-16	431	19.0	0.0441	4
12-Aug-06	PUF-16	514	26.0	0.0506	5
14-Aug-06	PUF-16	435	15.0	0.0345	3
15-Aug-06	PUF-16	440	14.0	0.0318	3
16-Aug-06	PUF-16	430	18.0	0.0419	4
17-Aug-06 - AM setup	PUF-16	215	60.0	0.2791	28 ^(t)
17-Aug-06 - PM setup	PUF-16	221	25.0	0.1131	11 ^(t)
18-Aug-06 - AM setup	PUF-16	204	8.6	0.0422	4 ^(t)
18-Aug-06 - PM setup	PUF-16	232	140.0	0.6034	60 ^(t)
19-Aug-06 - AM setup	PUF-16	196	8.7	0.0444	4 ^(t)
19-Aug-06 - PM setup	PUF-16	217	23.0	0.106	11 ^(t)
21-Aug-06	PUF-16	487	36.0	0.0739	7
22-Aug-06	PUF-16	464	18.0	0.0388	4
23-Aug-06	PUF-16	467	69.0	0.1478	15
24-Aug-06	PUF-16	423	150.0	0.3546	35
25-Aug-06	PUF-16	426	220.0	0.5164 J	52
26-Aug-06	PUF-16	524	220.0	0.4198	42
29-Aug-06	PUF-16	418	12.0	0.0287	3
30-Aug-06	PUF-16	450	29.0	0.0644	6
31-Aug-06	PUF-16	467	5.2	0.0111	1

TABLE 3.1.2

STATION 1C PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
5-Sep-06	PUF-16	412	11.0	0.0267	3
6-Sep-06	PUF-16	422	45.0	0.1066	11
7-Sep-06	PUF-16	450	110.0	0.2444	24
8-Sep-06	PUF-16	492	110.0	0.2236	22
9-Sep-06	PUF-16	543	110.0	0.2026	20
11-Sep-06	PUF-16	499	380.0	0.7615	76
14-Sep-06	PUF-16	481	23.0	0.0478	5
15-Sep-06	PUF-16	538	120.0	0.223	22
16-Sep-06	PUF-16	487	340.0	0.6982	70
18-Sep-06	PUF-16	454	7.9	0.0174	2
19-Sep-06	PUF-16	469	4.4	0.0094	1
20-Sep-06	PUF-16	470	21.0	0.0447	4
21-Sep-06	PUF-16	477	180.0	0.3774	38
25-Sep-06	PUF-16	472	16.0	0.0339	3
26-Sep-06	PUF-16	485	180.0	0.3711	37
27-Sep-06	PUF-16	441	14.0	0.0317	3
28-Sep-06	PUF-16	495	13.0	0.0263	3
29-Sep-06	PUF-16	465	72.0	0.1548	15
30-Sep-06	PUF-16	538	11.0	0.0204	2
2-Oct-06	PUF-16	500	140.0	0.28	28
4-Oct-06	PUF-16	436	12.0	0.0275	3
5-Oct-06	PUF-16	443	2.6	0.0059	1
6-Oct-06	PUF-16	422	10.0	0.0237	2
7-Oct-06	PUF-16	529	27.0	0.051	5
9-Oct-06	PUF-16	412	87.0	0.2112	21
10-Oct-06	PUF-16	439	170.0	0.3872	39
11-Oct-06	PUF-16	411	3.9	0.0095	1
12-Oct-06	PUF-16	410	1.5	0.0037	0
13-Oct-06	PUF-16	455	1.5	0.0033	0
14-Oct-06	PUF-16	449	11.0	0.0245	2
16-Oct-06	PUF-16	447	110.0	0.2461	25
17-Oct-06	PUF-16	421	45.0	0.1069	11
18-Oct-06	PUF-16	466	200.0	0.4292	43
19-Oct-06	PUF-16	447	2.4	0.0054	1
20-Oct-06	PUF-16	476	37.0	0.0777	8
21-Oct-06	PUF-16	511	91.0	0.1781	18
23-Oct-06	PUF-16	466	1.5	0.0032	0
24-Oct-06	PUF-16	463	8.6	0.0186	2
25-Oct-06	PUF-16	498	74.0	0.1486	15
26-Oct-06	PUF-16	450	99.0	0.22	22
27-Oct-06	PUF-16	460	13.0	0.0283	3
28-Oct-06	PUF-16	475	2.3	0.0048	0
30-Oct-06	PUF-16	436	12.0	0.0275	3
31-Oct-06	PUF-16	456	3.8	0.0083	1
1-Nov-06	PUF-16	449	1.2	0.0027	0
2-Nov-06	PUF-16	484	5.3	0.011	1
3-Nov-06	PUF-16	483	28.0	0.058	6
4-Nov-06	PUF-16	524	89.0	0.1698	17
6-Nov-06	PUF-16	449	96.0	0.2138	21
7-Nov-06	PUF-16	470	68.0	0.1447	14
8-Nov-06	PUF-16	468	78.0	0.1667	17
9-Nov-06	PUF-16	474	130.0	0.2743	27
10-Nov-06	PUF-16	462	49.0	0.1061	11
11-Nov-06	PUF-16	548	1.7	0.0031	0
12-Nov-06	PUF-16	456	32.0	0.0702	7
13-Nov-06	PUF-16	487	38.0	0.078	8

TABLE 3.1.2

STATION 1C PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
14-Nov-06	PUF-16	480	72.0	0.15	15
15-Nov-06	PUF-16	437	5.7	0.013	1
17-Nov-06	PUF-16	512	36.0	0.0703	7
18-Nov-06	PUF-16	452	2.1	0.0046	0
19-Nov-06	PUF-16	338	1.0	0.003	0
20-Nov-06	PUF-16	467	32.0	0.0685	7
21-Nov-06	PUF-16	387	65.0	0.168	17
27-Nov-06	PUF-16	442	150.0	0.3394	34
28-Nov-06	PUF-16	454	150.0	0.3304	33
29-Nov-06	PUF-16	477	140.0	0.2935	29
30-Nov-06	PUF-16	439	4.1	0.0093	1
4-Dec-06	PUF-16	464	0.6	0.0012	0
5-Dec-06	PUF-16	444	27.0	0.0608	6
6-Dec-06	PUF-16	458	1.2	0.0026	0
7-Dec-06	PUF-16	488	0.0	ND(0.001)	0
11-Dec-06	PUF-16	433	160.0	0.3695	37
13-Dec-06	PUF-16	456	7.4	0.0162	2
14-Dec-06	PUF-16	433	5.5	0.0127	1
15-Dec-06	PUF-16	438	25.0	0.0571	6
16-Dec-06	PUF-16	485	59.0	0.1216	12
18-Dec-06	PUF-16	422	3.0	0.0071	1
19-Dec-06	PUF-16	430	27.0	0.0628	6
20-Dec-06	PUF-16	455	35.0	0.0769	8
2-Jan-07	PUF-16	395	39.0	0.0987	10
3-Jan-07	PUF-16	444	17.0	0.0383	4
4-Jan-07	PUF-16	463	38.0	0.0821	8
5-Jan-07	PUF-16	435	23.0	0.0529	5
6-Jan-07	PUF-16	527	9.6	0.0182	2
8-Jan-07	PUF-16	388	0.9	0.0023	0
9-Jan-07	PUF-16	425	0.0	ND(0.0012)	0
10-Jan-07	PUF-16	448	19.0	0.0424	4
11-Jan-07	PUF-16	434	6.0	0.0138	1
12-Jan-07	PUF-16	469	9.7	0.0207	2
17-Jan-07	PUF-16	428	25.0	0.0584	6
26-Jan-07	PUF-16	468	1.3	0.0028	0
29-Jan-07	PUF-16	455	0.7	0.0016	0
31-Jan-07	PUF-16	355	0.8	0.0022	0
16-Feb-07	PUF-16	382	1.2	0.0031	0
19-Feb-07	PUF-16	397	1.2	0.003	0
21-Feb-07	PUF-16	384	19.0	0.0495	5
7-May-07	PUF-16	412	110.0	0.267	27
21-May-07	PUF-16	440	20.0	0.0455	5
30-May-07	PUF-16	438	61.0	0.1393	14
18-Jun-07	PUF-16	423	90.0	0.2128	21
26-Jun-07	PUF-16	421	41.0	0.0974	10
9-Jul-07	PUF-16	373	44.0	0.118	12
16-Jul-07	PUF-16	359	24.0	0.0669	7
5-Sep-07	PUF-16	379	52.0	0.1372	14
11-Sep-07	PUF-16	432	5.6	0.013	1
18-Sep-07	PUF-16	442	48.0	0.1086	11
24-Sep-07	PUF-16	447	38.0	0.085	8
1-Oct-07	PUF-16	452	43.0	0.0951	10
15-Oct-07	PUF-16	454	36.0	0.0793	8
15-Nov-07	PUF-16	444	1.2	0.0027	0
26-Feb-08	PUF-16	455	0.0	ND(0.0011)	0
5-Mar-08	PUF-16	455	3.4	0.0075	1

TABLE 3.1.2

**STATION 1C PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
20-Mar-08	PUF-16	440	7.8	0.0177	2
26-Mar-08	PUF-16	428	6.0	0.014	1
3-Apr-08	PUF-16	471	6.4	0.0136	1
24-Apr-08	PUF-16	452	44.0	0.0973	10
1-May-08	PUF-16	414	5.0	0.0121	1
6-May-08	PUF-16	423	7.0	0.0165	2
4-Jun-08	PUF-16	401	29.0	0.0723 J	7
12-Jun-08	PUF-16	411	56.0	0.1363	14
06-Aug-08	PUF-16	459	3.1	0.0068	1
07-Aug-08	PUF-16	438	2.4	0.0055	1
08-Aug-08	PUF-16	454	6.1	0.0134	1
11-Aug-08	PUF-16	438	3.8	0.0087	1
12-Aug-08	PUF-16	439	5	0.0114	1
13-Aug-08	PUF-16	443	4.8	0.0108	1
14-Aug-08	PUF-16	454	3.6	0.0079	1
15-Aug-08	PUF-16	443	3	0.0068	1
18-Aug-08	PUF-16	488	5.4	0.0111	1
19-Aug-08	PUF-16	425	5.7	0.0134	1
20-Aug-08	PUF-16	441	4.8	0.0109	1
21-Aug-08	PUF-16	435	30	0.069	7
22-Aug-08	PUF-16	460	14	0.0304	3
23-Aug-08	PUF-16	478	6	0.0126	1
25-Aug-08	PUF-16	421	1.3	0.0031	0
26-Aug-08	PUF-16	406	1.5	0.0037	0
27-Aug-08	PUF-16	442	9.9	0.0224	2
05-Sep-08	PUF-16	476	1.2	0.0025	0
06-Sep-08	PUF-16	392	6.3	0.0161	2
08-Sep-08	PUF-16	456	14	0.0307	3
10-Sep-08	PUF-16	468	18	0.0385	4
11-Sep-08	PUF-16	442	24	0.0543	5
13-Sep-08	PUF-16	516	7.2	0.014	1
16-Sep-08	PUF-16	453	3.2	0.0071	1
17-Sep-08	PUF-16	461	5.5	0.0119	1
18-Sep-08	PUF-16	457	6.7	0.0147	1
19-Sep-08	PUF-16	527	18	0.0342	3
22-Sep-08	PUF-16	432	15	0.0347	3
23-Sep-08	PUF-16	439	15	0.0342	3
24-Sep-08	PUF-16	449	18	0.0401	4
25-Sep-08	PUF-16	450	3.4	0.0076	1
26-Sep-08	PUF-16	485	2.4	0.0049	0
27-Sep-08	PUF-16	559	9.7	0.0174	2
29-Sep-08	PUF-16	437	4.1	0.0094	1
30-Sep-08	PUF-16	124	*	*	*
1-Oct-08	PUF-16	476	1.8	0.0038	0
2-Oct-08	PUF-16	432	2.4	0.0056	1
3-Oct-08	PUF-16	406	4.8	0.0118	1

Notes:

- * Results not reported due to machine malfunction
- J Estimated result. Results if less than the reporting limit.
- NR No result because machine was not setup
- (†) Result is based on a sampling time of 12 hours
- (1) Exceedance primarily attributed to >50 ppm soil placement into the vault.

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
01-Oct-04	PUF-12	282	6.1	0.0216	2
02-Oct-04	PUF-12	372	1.9	0.0051	1
04-Oct-04	PUF-12	391	1.5	0.0038	0
05-Oct-04	PUF-12	408	7.0	0.0172	2
06-Oct-04	PUF-12	351	11.0	0.0313	3
07-Oct-04	PUF-12	312	9.0	0.0288	3
08-Oct-04	PUF-12	444	17.0	0.0383	4
11-Oct-04	PUF-12	384	2.0	0.0052	1
12-Oct-04	PUF-12	368	4.0	0.0109	1
13-Oct-04	PUF-12	407	1.3	0.0032	0
14-Oct-04	PUF-12	355	1.0	0.0028 J	0
21-Oct-04	PUF-12	422	0.0	ND(0.0284)	--
26-Oct-04	PUF-12	403	3.8	0.0094	1
27-Oct-04	PUF-12	390	1.3	0.0033	0
28-Oct-04	PUF-12	391	7.1	0.0182	2
29-Oct-04	PUF-12	519	8.9	0.0171	2
01-Nov-04	PUF-12	307	5.0	0.0163	2
02-Nov-04	PUF-12	272	0.7	0.0025 J	0
03-Nov-04	PUF-12	380	0.9	0.0024	0
04-Nov-04	PUF-12	392	0.0	--	--
05-Nov-04	PUF-12	540	2.8	0.0052	1
08-Nov-04	PUF-12	449	7.3	0.0163	2
09-Nov-04	PUF-12	315	5.9	0.0187	2
09-Nov-04	PUF-4	292	5.8	0.0199	2
10-Nov-04	PUF-12	387	5.7	0.0147	1
10-Nov-04	PUF-4	387	5.5	0.0142	1
11-Nov-04	PUF-12	339	1.2	0.0035	0
11-Nov-04	PUF-4	339	0.8	0.0025	0
12-Nov-04	PUF-12	496	0.6	0.0012 J	0
12-Nov-04	PUF-4	496	0.7	0.0014 J	0
15-Nov-04	PUF-12	410	13.0	0.0317	3
15-Nov-04	PUF-4	407	13.0	0.0319	3
16-Nov-04	PUF-12	392	14.0	0.0357	4
16-Nov-04	PUF-4	408	14.0	0.0343	3
19-Nov-04	PUF-12	451	5.5	0.0122	1
19-Nov-04	PUF-4	468	5.7	0.0122	1
06-Dec-04	PUF-12	370	8.3	0.0224	2
06-Dec-04	PUF-4	370	4.0	0.0108	1
13-Dec-04	PUF-12	404	0.0	ND(0.0019)	--
13-Dec-04	PUF-4	404	0.0	ND(0.0019)	--
04-Jan-05	PUF-12	391	2.6	0.0066	1
04-Jan-05	PUF-4	405	2.7	0.0067	1
18-Jan-05	PUF-12	431	1.2	0.0028	0
18-Jan-05	PUF-4	416	0.8	0.0019	0
31-Jan-05	PUF-12	424	7.2	0.017	2
08-Feb-05	PUF-12	402	1.1	0.0027	0
16-Feb-05	PUF-12	413	0.0	ND(0.0018)	--
22-Feb-05	PUF-12	429	0.0	ND(0.0017)	--
02-Mar-05	PUF-12	350	1.5	0.0043	0
16-Mar-05	PUF-12	412	6.0	0.0146	1
24-Mar-05	PUF-12	395	3.1	0.0078	1
13-Apr-05	PUF-12	353	2.7	0.0076	1
25-May-05	PUF-12	340	13.0	0.0382	4

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
25-May-05	PUF-4	243	16.0	0.0658	7
01-Jun-05	PUF-12	319	3.8	0.0119	1
01-Jun-05	PUF-4	235	4.3	0.0183	2
09-Jun-05	PUF-12	328	14.0	0.0427	4
09-Jun-05	PUF-4	228	19.0	0.0833	8
15-Jun-05	PUF-12	306	2.5	0.0082	1
15-Jun-05	PUF-4	236	2.8	0.0119	1
16-Jun-05	PUF-12	224	3.9	0.0174	2
16-Jun-05	PUF-4	171	5.1	0.0298	3
17-Jun-05	PUF-12	312	3.6	0.0115	1
17-Jun-05	PUF-4	237	3.6	0.0152	2
20-Jun-05	PUF-12	318	15.0	0.0472	5
20-Jun-05	PUF-4	249	16.0	0.0643	6
21-Jun-05	PUF-12	277	7.2	0.026	3
21-Jun-05	PUF-4	316	7.3	0.0231	2
22-Jun-05	PUF-12	311	14.0	0.045	4
22-Jun-05	PUF-4	354	14.0	0.0395	4
29-Jun-05	PUF-12	325	21.0	0.0646	6
06-Jul-05	PUF-12	304	7.7	0.0253	3
13-Jul-05	PUF-12	300	2.8	0.0093	1
13-Jul-05	PUF-4	342	3.0	0.0088	1
20-Jul-05	PUF-12	320	14.0	0.0438	4
20-Jul-05	PUF-4	334	17.0	0.0509	5
28-Jul-05	PUF-12	165	1.9	0.0115	1
28-Jul-05	PUF-4	180	1.5	0.0083	1
03-Aug-05	PUF-12	319	19.0	0.0596	6
03-Aug-05	PUF-4	348	22.0	0.0632	6
10-Aug-05	PUF-12	307	12.0	0.0391	4
10-Aug-05	PUF-4	321	13.0	0.0405	4
17-Aug-05	PUF-12	0	0.0	ND()	
17-Aug-05	PUF-4	1	0.0	ND(0.75)	--
24-Aug-05	PUF-12	150	1.0	0.0067	1
24-Aug-05	PUF-4	131	1.1	0.0084	1
01-Sep-05	PUF-12	2	0.0	ND(0.375)	--
01-Sep-05	PUF-4	2	0.0	ND(0.375)	--
08-Sep-05	PUF-12	238	32.0	0.1345	13
08-Sep-05	PUF-4	216	29.0	0.1343	13
14-Sep-05	PUF-12	3	0.0	ND(0.25)	--
14-Sep-05	PUF-4	2	0.0	ND(0.375)	--
12-Oct-05	PUF-12	387	21.0	0.0543	5
12-Oct-05	PUF-4	318	22.0	0.0692	7
26-Oct-05	PUF-12	371	8.9	0.024	2
26-Oct-05	PUF-4	314	8.5	0.0271	3
02-Nov-05	PUF-12	323	17.0	0.0526	5
02-Nov-05	PUF-4	308	15.0	0.0487	5
09-Nov-05	PUF-12	364	0.8	0.0021	0
09-Nov-05	PUF-4	320	0.7	0.0023	0
30-Nov-05	PUF-12	332	2.0	0.006	1
30-Nov-05	PUF-4	293	2.2	0.0075	1
07-Dec-05	PUF-12	409	0.9	0.0023 J	0
07-Dec-05	PUF-4	366	0.8	0.0021 J	0
21-Dec-05	PUF-12	450	2.7	0.006	1
21-Dec-05	PUF-4	434	2.6	0.006	1

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
04-Jan-06	PUF-12	397	0.0	ND(0.0019)	--
04-Jan-06	PUF-4	411	0.0	ND(0.0018)	--
12-Jan-06	PUF-12	481	5.5	0.0114	1
12-Jan-06	PUF-4	531	5.3	0.01 J	1
18-Jan-06	PUF-12	368	1.0	0.0027	0
18-Jan-06	PUF-4	420	1.0	0.0023	0
25-Jan-06	PUF-12	448	2.4	0.0054	1
25-Jan-06	PUF-4	418	2.9	0.0069	1
01-Feb-06	PUF-12	469	12.0	0.0256	3
01-Feb-06	PUF-4	466	13.0	0.0279	3
07-Feb-06	PUF-12	353	0.8	0.0022	0
07-Feb-06	PUF-4	367	1.0	0.0026	0
13-Feb-06	PUF-12	379	5.5	0.0145	1
13-Feb-06	PUF-4	452	6.4	0.0142	1
20-Feb-06	PUF-12	421	1.7	0.004	0
27-Feb-06	PUF-12	360	6.6	0.0183	2
27-Feb-06	PUF-4	402	6.1	0.0152	2
06-Mar-06	PUF-12	341	2.0	0.0059	1
06-Mar-06	PUF-4	399	2.3	0.0058 J	1
15-Mar-06	PUF-12	395	4.7	0.0119 J	1
15-Mar-06	PUF-4	381	4.7	0.0123 J	1
20-Mar-06	PUF-12	415	2.5	0.006	1
20-Mar-06	PUF-4	401	0.0	ND(0.0019)	--
29-Mar-06	PUF-12	411	5.0	0.0122	1
29-Mar-06	PUF-4	396	5.2	0.0131	1
10-Apr-06	PUF-12	406	4.6	0.0113	1
10-Apr-06	PUF-4	349	4.3	0.0123	1
11-Apr-06	PUF-12	429	11.0	0.0256	3
11-Apr-06	PUF-4	0			
02-May-06	PUF-12	466	14.0	0.03	3
02-May-06	PUF-4	453	13.0	0.0287	3
03-May-06	PUF-12	129	15.0	0.1163	12
03-May-06	PUF-4	429	34.0	0.0793	8
19-May-06	PUF-12	267	4.5	0.0169	2
19-May-06	PUF-4	454	4.5	0.0099	1
22-May-06	PUF-12	207	3.9	0.0188	2
22-May-06	PUF-4	386	3.9	0.0101	1
23-May-06	PUF-12	188	5.8	0.0309	3
23-May-06	PUF-4	433	6.3	0.0145	1
24-May-06	PUF-12	204	9.7	0.0475	5
24-May-06	PUF-4	340	9.2	0.0271	3
25-May-06	PUF-12	217	24.0	0.1106	11
25-May-06	PUF-4	393	23.0	0.0585	6
30-May-06	PUF-12	231	15.0	0.0649	6
30-May-06	PUF-4	419	14.0	0.0334	3
31-May-06	PUF-12	236	8.1	0.0343	3
31-May-06	PUF-4	427	7.5	0.0176	2
01-Jun-06	PUF-12	222	8.8	0.0396	4
01-Jun-06	PUF-4	402	9.7	0.0241 J	2
02-Jun-06	PUF-12	423	11.0	0.026	3
02-Jun-06	PUF-4	396	11.0	0.0278	3
05-Jun-06	PUF-12	422	9.3	0.022 J	2
05-Jun-06	PUF-4	436	9.1	0.0209 J	2

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
06-Jun-06	PUF-12	441	20.0	0.0454 J	5
06-Jun-06	PUF-4	426	19.0	0.0446 J	4
07-Jun-06	PUF-12	339	12.0	0.0354	4
07-Jun-06	PUF-4	0			
08-Jun-06	PUF-12	385	14.0	0.0364	4
08-Jun-06	PUF-4	379	18.0	0.0475	5
09-Jun-06	PUF-12	407	6.0	0.0147	1
09-Jun-06	PUF-4	377	6.2	0.0164	2
10-Jun-06	PUF-12	403	2.6	0.0065 J	1
10-Jun-06	PUF-4	378	0.7	0.0018 J	0
12-Jun-06	PUF-12	435	3.3	0.0076	1
14-Jun-06	PUF-12	392	8.5	0.0217	2
14-Jun-06	PUF-4	417	8.9	0.0213	2
15-Jun-06	PUF-12	387	7.2	0.0186	2
15-Jun-06	PUF-4	417	6.0	0.0144	1
16-Jun-06	PUF-12	368	12.0	0.0326 J	3
16-Jun-06	PUF-4	424	13.0	0.0307 J	3
17-Jun-06	PUF-12	406	33.0	0.0813 J	8
17-Jun-06	PUF-4	468	32.0	0.0684 J	7
19-Jun-06	PUF-12	367	11.0	0.03	3
19-Jun-06	PUF-4	423	12.0	0.0284	3
20-Jun-06	PUF-12	374	330.0	0.8824 J	88
20-Jun-06	PUF-4	417	19.0	0.0456 J	5
21-Jun-06	PUF-12	369	72.0	0.1951	20
21-Jun-06	PUF-4	412	71.0	0.1723	17
22-Jun-06	PUF-12	371	9.7	0.0261	3
22-Jun-06	PUF-4	428	9.5	0.0222	2
23-Jun-06	PUF-12	367	6.0	0.0163	2
23-Jun-06	PUF-4	425	5.9	0.0139	1
24-Jun-06	PUF-4	435	6.7	0.0154	2
26-Jun-06	PUF-12	432	8.3	0.0192	2
26-Jun-06	PUF-4	424	7.9	0.0186	2
27-Jun-06	PUF-12	426	7.1	0.0167	2
27-Jun-06	PUF-4	397	7.4	0.0186	2
28-Jun-06	PUF-12	435	8.3	0.0191	2
28-Jun-06	PUF-4	404	8.8	0.0218	2
29-Jun-06	PUF-12	451	7.5	0.0166	2
29-Jun-06	PUF-4	421	7.3	0.0173	2
30-Jun-06	PUF-12	437	11.0	0.0252	3
30-Jun-06	PUF-4	407	11.0	0.027	3
03-Jul-06	PUF-12	426	31.0	0.0728	7
03-Jul-06	PUF-4	477	31.0	0.065	6
05-Jul-06	PUF-12	271	1.9	0.007	1
05-Jul-06	PUF-4	428	3.2	0.0075	1
06-Jul-06	PUF-12	208	2.4	0.0115	1
06-Jul-06	PUF-4	431	3.9	0.009	1
07-Jul-06	PUF-12	353	4.8	0.0136	1
07-Jul-06	PUF-4	420	4.2	0.01	1
08-Jul-06	PUF-12	467	5.3	0.0113 J	1
08-Jul-06	PUF-4	437	6.1	0.014 J	1
10-Jul-06	PUF-12	436	45.0	0.1032	10
10-Jul-06	PUF-4	379	46.0	0.1214	12
17-Jul-06	PUF-12	430	22.0	0.0512	5

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
17-Jul-06	PUF-4	401	24.0	0.0599	6
18-Jul-06	PUF-12	407	8.9	0.0219	2
18-Jul-06	PUF-4	379	11.0	0.029	3
19-Jul-06	PUF-12	421	10.0	0.0238	2
19-Jul-06	PUF-4	392	12.0	0.0306	3
20-Jul-06	PUF-12	399	18.0	0.0451	5
20-Jul-06	PUF-4	371	19.0	0.0512	5
21-Jul-06	PUF-12	393	15.0	0.0382	4
21-Jul-06	PUF-4	366	15.0	0.041	4
22-Jul-06	PUF-12	507	5.5	0.0108	1
22-Jul-06	PUF-4	473	5.8	0.0123	1
24-Jul-06	PUF-12	364	20.0	0.0549	5
24-Jul-06	PUF-4	351	19.0	0.0541	5
25-Jul-06	PUF-12	415	28.0	0.0675	7
25-Jul-06	PUF-4	372	29.0	0.078	8
26-Jul-06	PUF-12	421	180.0	0.4276	43
26-Jul-06	PUF-4	422	180.0	0.4265	43
28-Jul-06	PUF-12	431	48.0	0.1114	11
28-Jul-06	PUF-4	418	50.0	0.1196	12
29-Jul-06	PUF-12	433	24.0	0.0554	6
29-Jul-06	PUF-4	417	24.0	0.0576	6
31-Jul-06	PUF-12	412	36.0	0.0874	9
31-Jul-06	PUF-4	384	44.0	0.1146	11
01-Aug-06	PUF-12	450	53.0	0.1178	12
01-Aug-06	PUF-4	421	61.0	0.1449	14
02-Aug-06	PUF-12	466	120.0	0.2575	26
02-Aug-06	PUF-4	436	130.0	0.2982	30
03-Aug-06	PUF-12	429	14.0	0.0326	3
03-Aug-06	PUF-4	429	14.0	0.0326	3
04-Aug-06	PUF-12	430	9.3	0.0216	2
04-Aug-06	PUF-4	387	8.2	0.0212	2
05-Aug-06	PUF-12	489	22.0	0.045 J	4
05-Aug-06	PUF-4	458	47.6	0.1004 J	10
07-Aug-06	PUF-12	462	9.3	0.0201	2
07-Aug-06	PUF-4	462	9.9	0.0214	2
08-Aug-06	PUF-12	382	10.0	0.0262	3
08-Aug-06	PUF-4	359	9.3	0.0259	3
09-Aug-06	PUF-12	452	20.0	0.0442	4
09-Aug-06	PUF-4	424	19.0	0.0448	4
10-Aug-06	PUF-12	426	19.0	0.0446	4
10-Aug-06	PUF-4	427	18.0	0.0422	4
11-Aug-06	PUF-12	460	5.5	0.012	1
11-Aug-06	PUF-4	446	5.0	0.0112	1
12-Aug-06	PUF-12	523	6.7	0.0128	1
12-Aug-06	PUF-4	506	6.2	0.0123	1
14-Aug-06	PUF-12	411	12.0	0.0292	3
14-Aug-06	PUF-4	418	8.6	0.0206	2
15-Aug-06	PUF-4	425	8.1	0.0191	2
16-Aug-06	PUF-12	359	7.0	0.0195	2
16-Aug-06	PUF-4	333	6.2	0.0186	2
17-Aug-06	PUF-12	412	11.0	0.267 J	27
17-Aug-06	PUF-4	412	1.3	0.0032 J	0
18-Aug-06	PUF-12	426	14.0	0.0329	3

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
18-Aug-06	PUF-4	413	12.0	0.0291	3
19-Aug-06	PUF-12	383	8.8	0.023	2
19-Aug-06	PUF-4	396	9.3	0.0235	2
21-Aug-06	PUF-12	440	7.2	0.0164	2
21-Aug-06	PUF-4	426	6.5	0.0153	2
22-Aug-06	PUF-12	418	8.3	0.0199	2
22-Aug-06	PUF-4	416	8.9	0.0214	2
23-Aug-06	PUF-12	450	16.0	0.0356	4
23-Aug-06	PUF-4	449	16.0	0.0356	4
24-Aug-06	PUF-12	443	13.0	0.0293	3
24-Aug-06	PUF-4	414	13.0	0.0314	3
25-Aug-06	PUF-12	457	25.0	0.0547	5
25-Aug-06	PUF-4	427	23.0	0.0539	5
26-Aug-06	PUF-12	515	14.0	0.0272	3
26-Aug-06	PUF-4	465	12.0	0.0258	3
29-Aug-06	PUF-12	432	3.9	0.009	1
29-Aug-06	PUF-4	419	3.8	0.0091	1
30-Aug-06	PUF-12	448	3.4	0.0076	1
30-Aug-06	PUF-4	404	3.4	0.0084	1
31-Aug-06	PUF-12	449	1.6	0.0036 J	0
31-Aug-06	PUF-4	376	0.6	0.0016 J	0
05-Sep-06	PUF-12	420	4.1	0.0098	1
06-Sep-06	PUF-12	416	9.8	0.0236	2
06-Sep-06	PUF-4	347	9.3	0.0268	3
07-Sep-06	PUF-12	406	9.0	0.0222	2
07-Sep-06	PUF-4	397	8.8	0.0222	2
08-Sep-06	PUF-12	434	18.0	0.0415	4
08-Sep-06	PUF-4	449	17.0	0.0379	4
09-Sep-06	PUF-12	468	17.0	0.0363	4
09-Sep-06	PUF-4	502	15.0	0.0299 J	3
11-Sep-06	PUF-12	424	14.0	0.033	3
11-Sep-06	PUF-4	427	16.0	0.0375	4
14-Sep-06	PUF-12	442	7.8	0.0176	2
14-Sep-06	PUF-4	455	11.0	0.0242	2
15-Sep-06	PUF-12	435	8.8	0.0202	2
15-Sep-06	PUF-4	404	8.7	0.0215	2
16-Sep-06	PUF-12	454	10.0	0.022	2
16-Sep-06	PUF-4	485	11.0	0.0227	2
18-Sep-06	PUF-12	429	3.0	0.007	1
18-Sep-06	PUF-4	458	2.9	0.0063	1
19-Sep-06	PUF-12	429	1.0	0.0023	0
19-Sep-06	PUF-4	442	1.0	0.0023	0
20-Sep-06	PUF-12	432	3.4	0.0079	1
20-Sep-06	PUF-4	462	3.7	0.008	1
21-Sep-06	PUF-12	424	2.3	0.0054	1
21-Sep-06	PUF-4	436	2.2	0.005	0
25-Sep-06	PUF-12	424	8.8	0.0208	2
25-Sep-06	PUF-4	437	9.2	0.0211	2
26-Sep-06	PUF-12	419	15.0	0.0358	4
26-Sep-06	PUF-4	434	15.0	0.0346	3
27-Sep-06	PUF-12	425	28.0	0.0659	7
27-Sep-06	PUF-4	411	26.0	0.0633	6
28-Sep-06	PUF-12	460	3.8	0.0083	1

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
28-Sep-06	PUF-4	459	3.8	0.0083	1
29-Sep-06	PUF-12	420	18.0	0.0429	4
29-Sep-06	PUF-4	433	17.0	0.0393	4
30-Sep-06	PUF-12	475	17.0	0.0358	4
30-Sep-06	PUF-4	490	18.0	0.0367	4
02-Oct-06	PUF-12	403	25.0	0.062	6
02-Oct-06	PUF-4	431	23.0	0.0534	5
04-Oct-06	PUF-12	418	26.0	0.0622	6
04-Oct-06	PUF-4	432	24.0	0.0556	6
05-Oct-06	PUF-12	456	1.4	0.0031	0
05-Oct-06	PUF-4	456	1.6	0.0035	0
06-Oct-06	PUF-12	418	2.9	0.0069	1
06-Oct-06	PUF-4	417	3.1	0.0074	1
07-Oct-06	PUF-12	495	7.5	0.0152	2
07-Oct-06	PUF-4	444	7.1	0.016	2
09-Oct-06	PUF-12	401	20.0	0.0499	5
09-Oct-06	PUF-4	371	17.0	0.0458	5
10-Oct-06	PUF-12	408	34.0	0.0833	8
10-Oct-06	PUF-4	365	30.0	0.0822	8
11-Oct-06	PUF-12	398	22.0	0.0553	6
11-Oct-06	PUF-4	341	22.0	0.0645	6
12-Oct-06	PUF-12	403	5.0	0.0124	1
12-Oct-06	PUF-4	375	5.9	0.0157	2
13-Oct-06	PUF-12	410	4.0	0.0098	1
13-Oct-06	PUF-4	366	4.1	0.0112	1
14-Oct-06	PUF-12	381	3.5	0.0092	1
14-Oct-06	PUF-4	340	3.6	0.0106	1
16-Oct-06	PUF-12	404	12.0	0.0297	3
16-Oct-06	PUF-4	347	11.0	0.0317	3
17-Oct-06	PUF-12	411	7.5	0.0182	2
17-Oct-06	PUF-4	341	7.8	0.0229	2
18-Oct-06	PUF-12	478	12.0	0.0251	3
18-Oct-06	PUF-4	363	11.0	0.0303	3
19-Oct-06	PUF-12	463	0.6	0.0013	0
19-Oct-06	PUF-4	336	0.0	ND(0.0015)	--
20-Oct-06	PUF-12	495	5.4	0.0109	1
20-Oct-06	PUF-4	375	5.1	0.0136	1
21-Oct-06	PUF-12	505	7.2	0.0143	1
21-Oct-06	PUF-4	399	7.0	0.0175	2
23-Oct-06	PUF-12	495	0.0	ND(0.001)	--
23-Oct-06	PUF-4	393	0.0	ND(0.0013)	--
24-Oct-06	PUF-12	478	6.0	0.0126	1
24-Oct-06	PUF-4	379	6.4	0.0169	2
25-Oct-06	PUF-12	473	15.0	0.0317	3
25-Oct-06	PUF-4	372	17.0	0.0457	5
26-Oct-06	PUF-12	455	7.2	0.0158	2
26-Oct-06	PUF-4	370	8.0	0.0216	2
27-Oct-06	PUF-12	466	4.4	0.0094	1
27-Oct-06	PUF-4	335	4.3	0.0128	1
28-Oct-06	PUF-12	288	1.2	0.0042	0
28-Oct-06	PUF-4	358	1.2	0.0034	0
30-Oct-06	PUF-12	286	50.0	0.1748	17
30-Oct-06	PUF-4	373	49.0	0.1314	13

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
31-Oct-06	PUF-12	291	4.0	0.0137	1
31-Oct-06	PUF-4	391	3.3	0.0084	1
01-Nov-06	PUF-12	299	0.8	0.0027	0
01-Nov-06	PUF-4	384	0.7	0.0018	0
02-Nov-06	PUF-12	299	4.5	0.0151	2
02-Nov-06	PUF-4	384	4.7	0.0122	1
03-Nov-06	PUF-12	315	6.2	0.0197	2
03-Nov-06	PUF-4	419	7.1	0.0169	2
04-Nov-06	PUF-12	307	7.0	0.0228	2
04-Nov-06	PUF-4	444	6.7	0.0151	2
06-Nov-06	PUF-12	298	8.5	0.0285	3
06-Nov-06	PUF-4	416	9.6	0.0231	2
07-Nov-06	PUF-12	290	5.0	0.0172	2
07-Nov-06	PUF-4	405	5.5	0.0136	1
08-Nov-06	PUF-12	269	15.0	0.0558	6
08-Nov-06	PUF-4	389	16.0	0.0411	4
09-Nov-06	PUF-12	299	79.0	0.2642	26
09-Nov-06	PUF-4	419	77.0	0.1838	18
10-Nov-06	PUF-12	474	38.0	0.0802	8
10-Nov-06	PUF-4	458	38.0	0.083	8
11-Nov-06	PUF-12	515	0.9	0.0017	0
11-Nov-06	PUF-4	499	0.6	0.0012	0
12-Nov-06	PUF-12	436	2.5	0.0057	1
12-Nov-06	PUF-4	410	2.6	0.0063	1
13-Nov-06	PUF-12	471	7.1	0.0151	2
13-Nov-06	PUF-4	457	7.5	0.0164	2
14-Nov-06	PUF-12	433	3.2	0.0074	1
14-Nov-06	PUF-4	434	3.3	0.0076	1
15-Nov-06	PUF-12	244	0.9	0.0037	0
15-Nov-06	PUF-4	196	0.6	0.0031	0
17-Nov-06	PUF-12	446	5.1	0.0114	1
17-Nov-06	PUF-4	417	5.2	0.0125	1
18-Nov-06	PUF-12	511	0.8	0.0016	0
18-Nov-06	PUF-4	513	0.7	0.0014	0
19-Nov-06	PUF-12	361	0.0	ND(0.0014)	--
19-Nov-06	PUF-4	359	0.5	0.0014	0
20-Nov-06	PUF-12	429	7.3	0.017	2
20-Nov-06	PUF-4	414	7.1	0.0171	2
21-Nov-06	PUF-12	413	8.3	0.0201	2
21-Nov-06	PUF-4	421	7.9	0.0188	2
27-Nov-06	PUF-12	445	39.0	0.0876	9
27-Nov-06	PUF-4	374	32.0	0.0856	9
28-Nov-06	PUF-12	448	62.0	0.1384	14
28-Nov-06	PUF-4	390	49.0	0.1256	13
29-Nov-06	PUF-12	465	73.0	0.157 J	16
29-Nov-06	PUF-4	376	2.9	0.0077 J	1
30-Nov-06	PUF-12	431	5.8	0.0135	1
30-Nov-06	PUF-4	384	4.9	0.0128	1
04-Dec-06	PUF-12	386	4.8	0.0124	1
04-Dec-06	PUF-4	372	4.9	0.0132	1
05-Dec-06	PUF-12	458	13.0	0.0284	3
05-Dec-06	PUF-4	442	12.0	0.0271	3
06-Dec-06	PUF-12	452	3.9	0.0086	1

TABLE 3.1.3

STATION 14 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
06-Dec-06	PUF-4	451	3.2	0.0071	1
07-Dec-06	PUF-12	471	0.0	ND(0.0011)	--
07-Dec-06	PUF-4	429	0.0	ND(0.0012)	--
11-Dec-06	PUF-12	427	6.5	0.0152	2
11-Dec-06	PUF-4	383	5.5	0.0144	1
13-Dec-06	PUF-12	397	53.0	0.1335	13
13-Dec-06	PUF-4	424	55.0	0.1297	13
14-Dec-06	PUF-12	397	43.0	0.1083	11
14-Dec-06	PUF-4	440	41.0	0.0932	9
15-Dec-06	PUF-12	396	5.7	0.0144	1
15-Dec-06	PUF-4	424	5.3	0.0125	1
16-Dec-06	PUF-12	444	49.0	0.1104	11
16-Dec-06	PUF-4	507	46.0	0.0907	9
18-Dec-06	PUF-12	308	2.1	0.0068	1
18-Dec-06	PUF-4	368	1.9	0.0052	1
19-Dec-06	PUF-12	402	5.5	0.0137	1
19-Dec-06	PUF-4	444	5.5	0.0124	1
20-Dec-06	PUF-12	408	5.9	0.0145	1
20-Dec-06	PUF-4	467	5.1	0.0109	1
02-Jan-07	PUF-12	383	9.6	0.0251	3
02-Jan-07	PUF-4	423	9.2	0.0217	2
03-Jan-07	PUF-12	409	22.0	0.0538	5
03-Jan-07	PUF-4	465	20.0	0.043	4
04-Jan-07	PUF-12	424	31.0	0.0731	7
04-Jan-07	PUF-4	410	28.0	0.0683	7
05-Jan-07	PUF-12	422	9.7	0.023	2
05-Jan-07	PUF-4	422	10.0	0.0237	2
06-Jan-07	PUF-12	487	--	-- U	--
06-Jan-07	PUF-4	469	--	-- U	--
08-Jan-07	PUF-12	349	5.4	0.0155	2
08-Jan-07	PUF-4	348	4.7	0.0135	1
09-Jan-07	PUF-12	455	0.7	0.0015	0
09-Jan-07	PUF-4	426	0.6	0.0014	0
10-Jan-07	PUF-12	427	2.9	0.0068	1
10-Jan-07	PUF-4	426	2.5	0.0059	1
11-Jan-07	PUF-12	431	37.0	0.0858	9
11-Jan-07	PUF-4	416	33.0	0.0793	8
12-Jan-07	PUF-12	433	47.0	0.1085	11
12-Jan-07	PUF-4	403	41.0	0.1017	10

Notes:

- * Results not reported due to machine malfunction.
- J Estimated result. Results if less than the reporting limit.
- ND Not detected.

TABLE 3.1.4

**STATION 22B PCB AIR ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
3-May-06	PUF-3	130	4.1	0.0315	3
19-May-06	PUF-3	148	22.0	0.1486	15
22-May-06	PUF-3	135	34.0	0.2519	25
23-May-06	PUF-3	124	10.0	0.0806	8
24-May-06	PUF-3	137	12.0	0.0876	9
25-May-06	PUF-3	108	5.9	0.0546	5
30-May-06	PUF-3	141	5.1	0.0362	4
31-May-06	PUF-3	121	29.0	0.2397	24
1-Jun-06	PUF-3	129	41.0	0.3178	32
2-Jun-06	PUF-3	131	120.0	0.916	92
5-Jun-06	PUF-3	146	39.0	0.2671	27
6-Jun-06	PUF-3	132	8.2	0.0621	6
7-Jun-06	PUF-3	128	24.0	0.1875	19
8-Jun-06	PUF-3	131	95.0	0.7252	73
9-Jun-06	PUF-3	125	99.0	0.792	79
10-Jun-06	PUF-3	50	*	*	*
12-Jun-06	PUF-3	139	170.0	1.223	122 ⁽¹⁾
14-Jun-06	PUF-3	107	250.0	2.3364	234 ⁽¹⁾
15-Jun-06	PUF-3	122	13.0	0.1066	11
16-Jun-06	PUF-3	121	15.0	0.124 J	12
17-Jun-06	PUF-3	131	6.5	0.0496 J	5
19-Jun-06	PUF-3	126	21.0	0.1667	17
20-Jun-06	PUF-3	135	34.0	0.2519	25
21-Jun-06	PUF-18	344	7.6	0.0221	2
22-Jun-06	PUF-18	358	170.0	0.4749	47
23-Jun-06	PUF-18	296	310.0	1.0473	105 ⁽¹⁾
24-Jun-06	PUF-18	350	320.0	0.9143	91
26-Jun-06	PUF-18	364	100.0	0.2747	27
27-Jun-06	PUF-18	348	17.0	0.0489	5
28-Jun-06	PUF-18	361	200.0	0.554	55
29-Jun-06	PUF-18	362	190.0	0.5249	52
30-Jun-06	PUF-18	424	20.0	0.0472	5
3-Jul-06	PUF-18	384	10.0	0.026	3
5-Jul-06	PUF-18	336	430.0	1.2798	128 ⁽²⁾
6-Jul-06	PUF-18	405	650.0	1.6049	160 ⁽²⁾
7-Jul-06	PUF-18	340	420.0	1.2353	124 ⁽²⁾
8-Jul-06	PUF-18	360	63.0	0.175 J	18
10-Jul-06	PUF-18	356	8.8	0.0247	2
17-Jul-06	PUF-18	359	280.0	0.7799	78
18-Jul-06	PUF-18	339	730.0	2.1534	215 ⁽²⁾
19-Jul-06	PUF-18	350	300.0	0.8571	86
20-Jul-06	PUF-18	381	220.0	0.5774	58
21-Jul-06	PUF-18	338	270.0	0.7988	80
22-Jul-06	PUF-18	448	670.0	1.4955	150 ⁽²⁾
24-Jul-06	PUF-18	352	93.0	0.2642	26
25-Jul-06	PUF-18	382	21.0	0.055	6
26-Jul-06	PUF-18	378	8.9	0.0235 J	2
28-Jul-06	PUF-18	354	5.2	0.0147	1
29-Jul-06	PUF-18	352	27.0	0.0767	8
31-Jul-06	PUF-18	281	16.0	0.0569	6
1-Aug-06	PUF-18	304	16.0	0.0526	5
2-Aug-06	PUF-18	310	7.9	0.0255	3
3-Aug-06	PUF-18	288	250.0	0.8681 J	87
4-Aug-06	PUF-18	306	790.0	2.5817 J	258 ⁽³⁾
5-Aug-06	PUF-18	349	400.0	1.1461	115 ⁽³⁾

TABLE 3.1.4

**STATION 22B PCB AIR ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
7-Aug-06	PUF-18	312	460.0	1.4744 J	147 ⁽³⁾
8-Aug-06	PUF-18	266	300.0	1.1278	113 ⁽³⁾
9-Aug-06	PUF-18	389	190.0	0.4884	49
10-Aug-06	PUF-18	344	180.0	0.5233	52
11-Aug-06	PUF-18	360	320.0	0.8889 J	89
12-Aug-06	PUF-18	448	390.0	0.8705	87
14-Aug-06	PUF-18	363	170.0	0.4683	47
15-Aug-06	PUF-18	373	390.0	1.0456 J	105 ⁽³⁾
16-Aug-06	PUF-18	348	280.0	0.8046 J	80
17-Aug-06	PUF-18	186	63.0	0.3387	34
17-Aug-06	PUF-18	180	41.0	0.2278	23
18-Aug-06	PUF-18	184	180.0	0.9783	98
18-Aug-06	PUF-18	199	27.0	0.1357	14
19-Aug-06	PUF-18	182	340.0	1.8681 J	187 ⁽³⁾
19-Aug-06	PUF-18	173	15.0	0.0867	9
21-Aug-06	PUF-18	384	280.0	0.7292 J	73
22-Aug-06	PUF-18	380	270.0	0.7105 J	71
23-Aug-06	PUF-18	386	170.0	0.4404 J	44
24-Aug-06	PUF-18	378	110.0	0.291 J	29
25-Aug-06	PUF-18	358	48.0	0.1341	13
26-Aug-06	PUF-18	442	46.0	0.1041	10
29-Aug-06	PUF-18	365	100.0	0.274	27
30-Aug-06	PUF-18	383	190.0	0.4961	50
31-Aug-06	PUF-18	395	210.0	0.5316	53
5-Sep-06	PUF-18	387	300.0	0.7752 J	78
6-Sep-06	PUF-18	410	210.0	0.5122 J	51
7-Sep-06	PUF-18	369	150.0	0.4065 J	41
8-Sep-06	PUF-18	404	210.0	0.5198	52
9-Sep-06	PUF-18	464	260.0	0.5603	56
11-Sep-06	PUF-18	391	37.0	0.0946	9
14-Sep-06	PUF-18	392	200.0	0.5102	51
15-Sep-06	PUF-18	418	140.0	0.3349 J	33
16-Sep-06	PUF-18	439	68.0	0.1549	15
18-Sep-06	PUF-18	388	13.0	0.0335	3
19-Sep-06	PUF-18	402	2.8	0.007	1
20-Sep-06	PUF-18	414	74.0	0.1787	18
21-Sep-06	PUF-18	406	18.0	0.0443	4
25-Sep-06	PUF-18	409	21.0	0.0513	5
26-Sep-06	PUF-18	380	9.9	0.0261	3
27-Sep-06	PUF-18	416	21.0	0.0505	5
28-Sep-06	PUF-18	427	41.0	0.096	10
29-Sep-06	PUF-18	410	5.0	0.0122	1
30-Sep-06	PUF-18	453	15.0	0.0331	3
2-Oct-06	PUF-18	435	36.0	0.0828	8
4-Oct-06	PUF-18	398	57.0	0.1432	14
5-Oct-06	PUF-18	407	110.0	0.2703	27
6-Oct-06	PUF-18	400	82.0	0.205	20
7-Oct-06	PUF-18	487	76.0	0.1561	16
9-Oct-06	PUF-18	418	73.0	0.1746	17
10-Oct-06	PUF-18	415	15.0	0.0361	4
11-Oct-06	PUF-18	400	2.9	0.0072	1
12-Oct-06	PUF-18	345	2.6	0.0075	1
13-Oct-06	PUF-18	353	2.6	0.0074	1
14-Oct-06	PUF-18	355	9.1	0.0256	3
16-Oct-06	PUF-18	352	3.7	0.0105	1

TABLE 3.1.4

**STATION 22B PCB AIR ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
17-Oct-06	PUF-18	316	4.5	0.0142	1
18-Oct-06	PUF-18	355	16.0	0.0451	5
19-Oct-06	PUF-18	352	13.0	0.0369	4
20-Oct-06	PUF-18	338	3.1	0.0092	1
21-Oct-06	PUF-18	381	5.3	0.0139	1
23-Oct-06	PUF-18	377	0.9	0.0024	0
24-Oct-06	PUF-18	357	9.9	0.0277	3
25-Oct-06	PUF-18	370	4.2	0.0114	1
26-Oct-06	PUF-18	336	1.1	0.0033	0
27-Oct-06	PUF-18	376	21.0	0.0559	6
28-Oct-06	PUF-18	398	2.3	0.0058	1
30-Oct-06	PUF-18	370	2.6	0.007	1
31-Oct-06	PUF-18	375	16.0	0.0427	4
1-Nov-06	PUF-18	419	5.9	0.0141	1
2-Nov-06	PUF-18	412	9.3	0.0226	2
3-Nov-06	PUF-18	441	4.6	0.0104	1
4-Nov-06	PUF-18	480	3.0	0.0062	1
6-Nov-06	PUF-18	394	6.6	0.0168	2
7-Nov-06	PUF-18	421	27.0	0.0641	6
8-Nov-06	PUF-18	442	7.7	0.0174	2
9-Nov-06	PUF-18	424	29.0	0.0684	7
10-Nov-06	PUF-18	428	3.3	0.0077	1
11-Nov-06	PUF-18	478	5.3	0.0111	1
12-Nov-06	PUF-18	382	12.0	0.0314	3
13-Nov-06	PUF-18	450	15.0	0.0333	3
14-Nov-06	PUF-18	433	12.0	0.0277	3
15-Nov-06	PUF-18	410	12.0	0.0293	3
17-Nov-06	PUF-18	463	16.0	0.0346	3
18-Nov-06	PUF-18	440	6.2	0.0141	1
19-Nov-06	PUF-18	328	4.8	0.0146	1
20-Nov-06	PUF-18	439	25.0	0.0569	6
21-Nov-06	PUF-18	373	15.0	0.0402	4
27-Nov-06	PUF-18	390	3.0	0.0077	1
28-Nov-06	PUF-18	412	6.4	0.0155	2
29-Nov-06	PUF-18	405	4.0	0.0099	1
30-Nov-06	PUF-18	380	35.0	0.0921	9
4-Dec-06	PUF-18	310	0.7	0.0022	0
5-Dec-06	PUF-18	270	1.1	0.0041	0
6-Dec-06	PUF-18	360	1.7	0.0047	0
7-Dec-06	PUF-18	375	2.3	0.0061	1
11-Dec-06	PUF-18	365	8.5	0.0233	2
13-Dec-06	PUF-18	359	1.8	0.005	0
14-Dec-06	PUF-18	336	*	*	*
15-Dec-06	PUF-18	326	23.0	0.0706	7
16-Dec-06	PUF-18	399	4.0	0.01	1
18-Dec-06	PUF-18	399	36.0	0.0902	9
19-Dec-06	PUF-18	411	67.0	0.163	16
20-Dec-06	PUF-18	379	42.0	0.1108	11
2-Jan-07	PUF-18	395	6.7	0.017	2
3-Jan-07	PUF-18	390	6.1	0.0156	2
4-Jan-07	PUF-18	376	6.5	0.0173	2
5-Jan-07	PUF-18	375	4.8	0.0128	1
6-Jan-07	PUF-18	441	9.7	0.022	2
8-Jan-07	PUF-18	287	0.6	0.0021	0
9-Jan-07	PUF-18	406	1.1	0.0027	0

TABLE 3.1.4
STATION 22B PCB AIR ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
10-Jan-07	PUF-18	386	9.0	0.0233	2
11-Jan-07	PUF-18	354	3.0	0.0085	1
12-Jan-07	PUF-18	379	10.0	0.0264	3
29-Jan-07	PUF-18	398	0.78	0.002	0
30-Jan-07	PUF-18	429	2	0.0047	0
31-Jan-07	PUF-18	406	3.8	0.0094	1
01-Feb-07	PUF-18	399	1.5	0.0038	0
02-Feb-07	PUF-18	411	0	ND(0.0012)	0
08-Feb-07	PUF-18	426	0	ND(0.0012)	0
09-Feb-07	PUF-18	463	0	ND(0.0011)	0
10-Feb-07	PUF-18	461	15	0.0325	3
12-Feb-07	PUF-18	238	*	*	*
15-Feb-07	PUF-18	465	0	ND(0.0011)	0
16-Feb-07	PUF-18	420	2.6	0.0062	1
17-Feb-07	PUF-18	420	0	ND(0.0012)	0
19-Feb-07	PUF-18	434	1.9	0.0044	0
20-Feb-07	PUF-18	380	29	0.0763	8
21-Feb-07	PUF-18	395	32	0.081	8
22-Feb-07	PUF-18	413	14	0.0339	3
23-Feb-07	PUF-18	420	55	0.131	13
27-Feb-07	PUF-18	426	489	421	323 ⁽⁴⁾
28-Feb-07	PUF-18	410	110	0.2683	27
02-Mar-07	PUF-18	408	8.2	0.0201	2
03-Mar-07	PUF-18	393	0.7	0.0018	0
04-Mar-07	PUF-18	439	0.82	0.0019	0
05-Mar-07	PUF-18	375	5.5	0.0147	1
06-Mar-07	PUF-18	406	45	0.1108	11
07-Mar-07	PUF-18	375	10	0.0267	3
08-Mar-07	PUF-18	407	56	0.1376	14
12-Mar-07	PUF-18	399	11	0.0276	3
13-Mar-07	PUF-18	373	6	0.0161	2
14-Mar-07	PUF-18	367	22	0.0599	6
15-Mar-07	PUF-18	410	7.2	0.0176	2
16-Mar-07	PUF-18	176	*	*	*
19-Mar-07	PUF-18	389	42	0.108	11
20-Mar-07	PUF-18	381	260	0.6824	68
21-Mar-07	PUF-18	6	*	*	*
29-Mar-07	PUF-18	400	560	1.4 J	140 ⁽⁴⁾
30-Mar-07	PUF-18	0	*	*	*
09-Apr-07	PUF-18	365	45	0.1233	12
11-Jun-07	PUF-18	397	160	0.403	40
02-Jul-07	PUF-18	382	300	0.7853	79

Notes:

* Results not reported due to machine malfunction.

J Estimated result. Results if less than the reporting limit.

ND Not detected.

⁽¹⁾ Exceedance primarily attributed to East Plant Excavation and high pressure spray from water truck.⁽²⁾ Exceedance primarily attributed to >50 ppm soil excavation in Excavation Plan II⁽³⁾ Exceedance primarily attributed to >50 ppm soil placement into the vault.⁽⁴⁾ Exceedance attributed to moving material in AOI 8 near the air monitoring station.

TABLE 3.1.5
STATION 22C PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
20-May-08	PUF-18	389	25	0.0643	6
22-May-08	PUF-18	410	38	0.0927	9
27-May-08	PUF-18	394	33	0.0838	8
29-May-08	PUF-18	63	*	*	*
30-May-08	PUF-18	424	2.6	0.0061	1
2-Jun-08	PUF-18	397	9.9	0.0249	2
18-Aug-08	PUF-18	316	38	0.1203	12
20-Aug-08	PUF-18	325	18	0.0554	6
21-Aug-08	PUF-18	317	22	0.0694	7
22-Aug-08	PUF-18	338	50	0.1479	15
23-Aug-08	PUF-18	365	73	0.2	20
27-Aug-08	PUF-18	324	53	0.1636	16
28-Aug-08	PUF-18	330	22	0.0667	7
2-Sep-08	PUF-18	348	52	0.1494	15
4-Sep-08	PUF-18	306	13	0.0425	4
5-Sep-08	PUF-18	316	80	0.2532	25
6-Sep-08	PUF-18	369	64	0.1734	17
8-Sep-08	PUF-18	349	76	0.2178	22
10-Sep-08	PUF-18	347	20	0.0576	6
11-Sep-08	PUF-18	314	21	0.0669	7
13-Sep-08	PUF-18	319	4	0.0125	1
22-Sep-08	PUF-18	312	32	0.1026	10
23-Sep-08	PUF-18	338	44	0.1302	13
24-Sep-08	PUF-18	342	70	0.2047	20
25-Sep-08	PUF-18	369	50	0.1355	14
26-Sep-08	PUF-18	310	55	0.1774	18
27-Sep-08	PUF-18	410	36	0.0878	9
29-Sep-08	PUF-18	318	4.7	0.0148	1
30-Sep-08	PUF-18	328	2.4	0.0073	1
1-Oct-08	PUF-18	336	6.5	0.0193	2
2-Oct-08	PUF-18	325	2.5	0.0077	1
3-Oct-08	PUF-18	298	5.5	0.0185	2
4-Oct-08	PUF-18	356	8.3	0.0233	2
6-Oct-08	PUF-18	325	4.4	0.0135	1
7-Oct-08	PUF-18	322	5.7	0.0177	2

Notes:

* Results not reported due to machine malfunction.

TABLE 3.1.6

STATION 23 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volu</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
15-Jun-05	PUF-2	253	5.4	0.0213	2
16-Jun-05	PUF-2	207	3.9	0.0188	2
17-Jun-05	PUF-2	365	7.1	0.0195	2
21-Jun-05	PUF-2	265	8.1	0.0306 J	3
22-Jun-05	PUF-2	343	9.1	0.0265	3
29-Jun-05	PUF-2	325	14.0	0.0431 J	4
06-Jul-05	PUF-2	335	7.2	0.0215	2
13-Jul-05	PUF-2	364	2.9	0.008	1
20-Jul-05	PUF-2	82	*	*	*
28-Jul-05	PUF-2	350	7.1	0.0203	2
03-Aug-05	PUF-2	364	7.3	0.0201	2
10-Aug-05	PUF-2	346	7.9	0.0228	2
17-Aug-05	PUF-2	371	6.1	0.0164 J	2
24-Aug-05	PUF-2	372	13.0	0.0349	3
01-Sep-05	PUF-2	381	31.0	0.0814	8
08-Sep-05	PUF-2	184	*	*	*
14-Sep-05	PUF-2	364	42.0	0.1154	12
12-Oct-05	PUF-2	362	18.0	0.0497	5
26-Oct-05	PUF-2	358	21.0	0.0587	6
02-Nov-05	PUF-2	279	19.0	0.0681	7
09-Nov-05	PUF-2	349	74.0	0.212	21
30-Nov-05	PUF-2	336	11.0	0.0327	3
07-Dec-05	PUF-2	425	8.1	0.0191 J	2
21-Dec-05	PUF-2	396	4.9	0.0124	1
04-Jan-06	PUF-2	84	*	*	*
12-Jan-06	PUF-2	408	3.3	0.0081	1
18-Jan-06	PUF-2	346	1.9	0.0055	1
25-Jan-06	PUF-2	384	25.0	0.0651	7
01-Feb-06	PUF-2	453	15.0	0.0331	3
07-Feb-06	PUF-2	327	22.0	0.0673	7
13-Feb-06	PUF-2	391	3.8	0.0097 J	1
20-Feb-06	PUF-2	415	3.2	0.0077	1
27-Feb-06	PUF-2	376	8.4	0.0223	2
06-Mar-06	PUF-2	358	7.4	0.0207 J	2
15-Mar-06	PUF-2	367	14.0	0.0381 J	4
20-Mar-06	PUF-2	387	0.0	ND(0.0019)	0
29-Mar-06	PUF-2	354	5.9	0.0167	2
10-Apr-06	PUF-2	335	6.0	0.0179	2
11-Apr-06	PUF-2	373	4.2	0.0113	1
03-May-06	PUF-2	368	14.0	0.038	4
19-May-06	PUF-2	422	24.0	0.0569	6
22-May-06	PUF-2	346	15.0	0.0434 J	4
23-May-06	PUF-2	396	12.0	0.0303	3
24-May-06	PUF-2	324	6.1	0.0188	2
25-May-06	PUF-2	288	9.9	0.0344	3
30-May-06	PUF-2	389	13.0	0.0334	3
31-May-06	PUF-2	378	19.0	0.0503	5
01-Jun-06	PUF-2	381	28.0	0.0735	7
02-Jun-06	PUF-2	381	26.0	0.0682	7
05-Jun-06	PUF-2	389	13.0	0.0334	3
06-Jun-06	PUF-2	375	13.0	0.0347	3
07-Jun-06	PUF-2	340	46.0	0.1353	14
08-Jun-06	PUF-2	305	21.0	0.0689	7
09-Jun-06	PUF-2	319	10.0	0.0313	3
10-Jun-06	PUF-2	142	*	*	*

TABLE 3.1.6

STATION 23 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volu</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
12-Jun-06	PUF-2	435	23.0	0.0529	5
14-Jun-06	PUF-2	321	47.0	0.1464	15
15-Jun-06	PUF-2	137	*	*	*
16-Jun-06	PUF-2	3	*	*	*
17-Jun-06	PUF-2	394	11.0	0.0279 J	3
19-Jun-06	PUF-2	327	40.0	0.1223	12
20-Jun-06	PUF-2	363	14.0	0.0386	4
21-Jun-06	PUF-2	369	30.0	0.0813	8
22-Jun-06	PUF-2	366	50.0	0.1366	14
23-Jun-06	PUF-2	157	*	*	*
24-Jun-06	PUF-2	417	8.2	0.0197	2
28-Jun-06	PUF-2	316	100.0	0.3165	32
29-Jun-06	PUF-2	335	23.0	0.0687	7
30-Jun-06	PUF-2	374	17.0	0.0455	5
03-Jul-06	PUF-2	412	65.0	0.1578	16
05-Jul-06	PUF-2	369	15.0	0.0407	4
06-Jul-06	PUF-2	348	9.9	0.0284	3
07-Jul-06	PUF-2	376	11.0	0.0293	3
08-Jul-06	PUF-2	366	5.7	0.0156 J	2
10-Jul-06	PUF-2	335	40.0	0.1194	12
17-Jul-06	PUF-2	345	49.0	0.142	14
18-Jul-06	PUF-2	264	19.0	0.072	7
19-Jul-06	PUF-2	274	8.2	0.0299	3
20-Jul-06	PUF-2	255	27.0	0.1059	11
21-Jul-06	PUF-2	277	71.0	0.2563	26
22-Jul-06	PUF-2	357	55.0	0.1541	15
24-Jul-06	PUF-2	262	120.0	0.458	46
25-Jul-06	PUF-2	256	91.0	0.3555	36
26-Jul-06	PUF-2	259	33.0	0.1274	13
28-Jul-06	PUF-2	271	82.0	0.3026	30
29-Jul-06	PUF-2	270	97.0	0.3593	36
31-Jul-06	PUF-2	299	70.0	0.2341	23
01-Aug-06	PUF-2	325	160.0	0.4923	49
02-Aug-06	PUF-2	347	160.0	0.4611	46
03-Aug-06	PUF-2	332	190.0	0.5723	57
04-Aug-06	PUF-2	329	21.0	0.0638	6
05-Aug-06	PUF-2	360	20.0	0.0556	6
07-Aug-06	PUF-2	340	82.0	0.2412	24
08-Aug-06	PUF-2	261	25.0	0.0958	10
09-Aug-06	PUF-2	365	34.0	0.0932	9
10-Aug-06	PUF-2	327	26.0	0.0795	8
11-Aug-06	PUF-2	340	9.6	0.0282	3
12-Aug-06	PUF-2	401	11.0	0.0274	3
14-Aug-06	PUF-2	334	82.0	0.2455	25
15-Aug-06	PUF-2	337	20.0	0.0593	6
16-Aug-06	PUF-2	334	15.0	0.0449	4
17-Aug-06	PUF-2	335	15.0	0.0448	4
18-Aug-06	PUF-2	336	31.0	0.0923	9
19-Aug-06	PUF-2	333	68.0	0.2042	20
21-Aug-06	PUF-2	369	13.0	0.0352	4
22-Aug-06	PUF-2	358	20.0	0.0559	6
23-Aug-06	PUF-2	364	14.0	0.0385	4
24-Aug-06	PUF-2	330	6.3	0.0191	2
25-Aug-06	PUF-2	353	16.0	0.0453	5
26-Aug-06	PUF-2	397	35.0	0.0882	9

TABLE 3.1.6

STATION 23 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volu</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
29-Aug-06	PUF-2	342	48.0	0.1404	14
30-Aug-06	PUF-2	327	14.0	0.0428	4
31-Aug-06	PUF-2	358	11.0	0.0307	3
05-Sep-06	PUF-2	356	17.0	0.0478	5
06-Sep-06	PUF-2	358	19.0	0.0531	5
07-Sep-06	PUF-2	347	9.9	0.0285	3
08-Sep-06	PUF-2	367	12.0	0.0327	3
09-Sep-06	PUF-2	432	17.0	0.0394	4
11-Sep-06	PUF-2	367	8.2	0.0223	2
14-Sep-06	PUF-2	399	41.0	0.1028	10
15-Sep-06	PUF-2	375	12.0	0.032	3
16-Sep-06	PUF-2	426	5.7	0.0134	1
18-Sep-06	PUF-2	354	27.0	0.0763	8
19-Sep-06	PUF-2	331	38.0	0.1148	11
20-Sep-06	PUF-2	343	16.0	0.0466	5
21-Sep-06	PUF-2	338	4.5	0.0133	1
25-Sep-06	PUF-2	342	26.0	0.076	8
26-Sep-06	PUF-2	335	9.9	0.0296	3
27-Sep-06	PUF-2	325	30.0	0.0923	9
28-Sep-06	PUF-2	343	26.0	0.0758	8
29-Sep-06	PUF-2	306	9.9	0.0324	3
30-Sep-06	PUF-2	360	12.0	0.0333	3
02-Oct-06	PUF-2	373	5.9	0.0158	2
04-Oct-06	PUF-2	378	25.0	0.0661	7
05-Oct-06	PUF-2	385	2.6	0.0068	1
06-Oct-06	PUF-2	366	6.1	0.0167	2
07-Oct-06	PUF-2	431	8.3	0.0193	2
09-Oct-06	PUF-2	370	20.0	0.0541	5
10-Oct-06	PUF-2	363	7.8	0.0215	2
11-Oct-06	PUF-2	350	23.0	0.0657	7
12-Oct-06	PUF-2	361	13.0	0.036	4
13-Oct-06	PUF-2	345	11.0	0.0319	3
14-Oct-06	PUF-2	335	17.0	0.0507	5
16-Oct-06	PUF-2	349	3.8	0.0109	1
17-Oct-06	PUF-2	314	30.0	0.0955	10
18-Oct-06	PUF-2	331	26.0	0.0785	8
19-Oct-06	PUF-2	321	11.0	0.0343	3
20-Oct-06	PUF-2	327	9.5	0.0291	3
21-Oct-06	PUF-2	413	9.3	0.0225	2
23-Oct-06	PUF-2	332	11.0	0.0331	3
24-Oct-06	PUF-2	379	11.0	0.029	3
25-Oct-06	PUF-2	389	2.8	0.0072	1
26-Oct-06	PUF-2	379	2.2	0.0058	1
27-Oct-06	PUF-2	381	8.6	0.0226	2
28-Oct-06	PUF-2	373	25.0	0.067	7
30-Oct-06	PUF-2	1	*	*	*
31-Oct-06	PUF-2	4	*	*	*
01-Nov-06	PUF-2	0	*	*	*
02-Nov-06	PUF-2	2	*	*	*
03-Nov-06	PUF-2	11	*	*	*
04-Nov-06	PUF-2	377	3.0	0.008	1
06-Nov-06	PUF-2	374	3.4	0.0091	1
07-Nov-06	PUF-2	391	21.0	0.0537	5
08-Nov-06	PUF-2	357	12.0	0.0336	3
09-Nov-06	PUF-2	362	39.0	0.1077	11

TABLE 3.1.6

STATION 23 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volu</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
10-Nov-06	PUF-2	397	10.0	0.0252	3
11-Nov-06	PUF-2	405	13.0	0.0321	3
12-Nov-06	PUF-2	353	1.9	0.0054	1
13-Nov-06	PUF-2	328	7.4	0.0226	2
14-Nov-06	PUF-2	316	2.3	0.0073	1
15-Nov-06	PUF-2	309	2.0	0.0065	1
17-Nov-06	PUF-2	340	5.4	0.0159	2
18-Nov-06	PUF-2	389	26.0	0.0668 J	7
19-Nov-06	PUF-2	244	12.0	0.0492	5
20-Nov-06	PUF-2	316	18.0	0.057	6
21-Nov-06	PUF-2	327	13.0	0.0398	4
27-Nov-06	PUF-2	284	2.5	0.0088	1
28-Nov-06	PUF-2	323	4.4	0.0136	1
29-Nov-06	PUF-2	348	4.5	0.0129	1
30-Nov-06	PUF-2	308	9.5	0.0308	3
04-Dec-06	PUF-2	302	4.3	0.0142	1
05-Dec-06	PUF-2	344	2.3	0.0067	1
06-Dec-06	PUF-2	322	13.0	0.0404	4
07-Dec-06	PUF-2	342	3.9	0.0114	1
11-Dec-06	PUF-2	326	3.7	0.0113	1
13-Dec-06	PUF-2	1	*	*	*
14-Dec-06	PUF-2	316	6.3	0.0199	2
15-Dec-06	PUF-2	324	23.0	0.071	7
16-Dec-06	PUF-2	362	9.2	0.0254	3
18-Dec-06	PUF-2	310	11.0	0.0355	4
19-Dec-06	PUF-2	315	5.5	0.0175	2
20-Dec-06	PUF-2	318	3.3	0.0104	1
02-Jan-07	PUF-2	301	2.0	0.0066	1
03-Jan-07	PUF-2	315	2.5	0.0079	1
04-Jan-07	PUF-2	315	3.2	0.0102	1
05-Jan-07	PUF-2	318	7.6	0.0239	2
06-Jan-07	PUF-2	356	10.0	0.0281	3
08-Jan-07	PUF-2	266	3.7	0.0139	1
09-Jan-07	PUF-2	334	6.6	0.0198	2
10-Jan-07	PUF-2	382	1.4	0.0037	0
11-Jan-07	PUF-2	368	1.9	0.0052	1
12-Jan-07	PUF-2	387	9.2	0.0238	2
18-Jan-07	PUF-2	389	5.8	0.0149	1
19-Jan-07	PUF-2	409	6.8	0.0166	2
22-Jan-07	PUF-2	384	9.6	0.025	2
23-Jan-07	PUF-2	376	4.2	0.0112	1
27-Jan-07	PUF-2	439	7.8	0.0178	2
30-Jan-07	PUF-2	436	2.6	0.006	1
01-Feb-07	PUF-2	392	2.9	0.0074	1
02-Feb-07	PUF-2	401	2.2	0.0055	1
03-Feb-07	PUF-2	36	*	*	*
15-Feb-07	PUF-2	423	1.6	0.0038	0
26-Feb-07	PUF-2	351	5.9	0.0168	2

Notes:

- * Results not reported due to machine malfunction.
- J Estimated result. Results if less than the reporting limit.
- ND Not detected.

TABLE 3.1.7

STATION 23B PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
7-Aug-07	PUF-2	362	37.0	0.1022	10
20-Aug-07	PUF-2	393	54.0	0.1374	14
29-Aug-07	PUF-2	408	28.0	0.0686	7
8-Oct-07	PUF-2	345	19.0	0.0551	6
21-Feb-08	PUF-2	440	0.0	ND(0.0011)	0
12-Mar-08	PUF-2	451	16.0	0.0355	4
2-Jun-08	PUF-2	397	9.9	0.0249	2
25-Jun-08	PUF-2	439	17.0	0.0387	4
2-Jul-08	PUF-2	444	6.9	0.0155	2
29-Sep-08	PUF-2	422	15.0	0.0355	4
6-Oct-08	PUF-2	421	1.4	0.0033	0

Notes:

ND Not detected.

TABLE 3.1.8
STATION 29 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
09-May-06	PUF-5	361	5.2	0.0144	1
10-May-06	PUF-5	398	36.0	0.0905	9
19-May-06	PUF-5	474	25.0	0.0527	5
22-May-06	PUF-5	425	13.0	0.0306	3
23-May-06	PUF-5	377	11.0	0.0292	3
24-May-06	PUF-5	455	20.0	0.044	4
25-May-06	PUF-5	364	27.0	0.0742	7
30-May-06	PUF-5	412	23.0	0.0558	6
31-May-06	PUF-5	393	28.0	0.0712	7
01-Jun-06	PUF-5	394	47.0	0.1193	12
02-Jun-06	PUF-5	412	39.0	0.0947	9
05-Jun-06	PUF-5	411	15.0	0.0365	4
06-Jun-06	PUF-5	390	11.0	0.0282	3
07-Jun-06	PUF-5	369	72.0	0.1951	20
08-Jun-06	PUF-5	423	35.0	0.0827	8
09-Jun-06	PUF-5	383	8.4	0.0219	2
10-Jun-06	PUF-5	157	*	*	*
12-Jun-06	PUF-5	480	22.0	0.0458	5
14-Jun-06	PUF-5	350	210.0	0.6	60
15-Jun-06	PUF-5	351	12.0	0.0342	3
16-Jun-06	PUF-5	315	24.0	0.0762 J	8
17-Jun-06	PUF-5	402	19.0	0.0473 J	5
19-Jun-06	PUF-5	340	28.0	0.0824	8
20-Jun-06	PUF-5	349	68.0	0.1948	19
21-Jun-06	PUF-5	396	24.0	0.0606	6
22-Jun-06	PUF-5	363	49.0	0.135	14
23-Jun-06	PUF-5	314	27.0	0.086	9
24-Jun-06	PUF-5	388	32.0	0.0825	8
26-Jun-06	PUF-5	367	68.0	0.1853	19
27-Jun-06	PUF-5	389	180.0	0.4627	46
28-Jun-06	PUF-5	390	65.0	0.1667	17
29-Jun-06	PUF-5	391	160.0	0.4092	41
30-Jun-06	PUF-5	457	23.0	0.0503	5
03-Jul-06	PUF-5	446	51.0	0.1143	11
05-Jul-06	PUF-5	389	14.0	0.036	4
06-Jul-06	PUF-5	345	35.0	0.1014	10
07-Jul-06	PUF-5	373	60.0	0.1609	16
08-Jul-06	PUF-5	414	17.0	0.0411 J	4
10-Jul-06	PUF-5	389	32.0	0.0823	8
17-Jul-06	PUF-5	393	85.0	0.2163	22
18-Jul-06	PUF-5	373	37.0	0.0992	10
19-Jul-06	PUF-5	385	69.0	0.1792	18
20-Jul-06	PUF-5	407	170.0	0.4177	42
21-Jul-06	PUF-5	371	570.0	1.5364	154 ⁽¹⁾
22-Jul-06	PUF-5	469	530.0	1.1301	113 ⁽¹⁾
24-Jul-06	PUF-5	372	240.0	0.6452	65
25-Jul-06	PUF-5	400	160.0	0.4	40
26-Jul-06	PUF-5	431	30.0	0.0696	7
28-Jul-06	PUF-5	402	17.0	0.0423	4
29-Jul-06	PUF-5	401	340.0	0.8479	85
31-Jul-06	PUF-5	381	31.0	0.0814	8
01-Aug-06	PUF-5	446	66.0	0.148	15
02-Aug-06	PUF-5	423	36.0	0.0851	9
03-Aug-06	PUF-5	409	460.0	1.1247	112 ⁽¹⁾
04-Aug-06	PUF-5	441	36.0	0.0816	8

TABLE 3.1.8

STATION 29 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
05-Aug-06	PUF-5	506	17.0	0.0336	3
07-Aug-06	PUF-5	435	250.0	0.5747	57
08-Aug-06	PUF-5	366	110.0	0.3005	30
09-Aug-06	PUF-5	432	130.0	0.3009	30
10-Aug-06	PUF-5	375	120.0	0.32	32
11-Aug-06	PUF-5	408	18.0	0.0441	4
12-Aug-06	PUF-5	504	42.0	0.0833	8
14-Aug-06	PUF-5	409	200.0	0.489	49
15-Aug-06	PUF-5	417	42.0	0.1007	10
16-Aug-06	PUF-5	424	36.0	0.0849	8
17-Aug-06	PUF-5	416	14.0	0.0337	3
18-Aug-06	PUF-5	439	85.0	0.1936	19
19-Aug-06	PUF-5	392	140.0	0.3571	36
21-Aug-06	PUF-5	435	29.0	0.0667	7
22-Aug-06	PUF-5	426	38.0	0.0892	9
23-Aug-06	PUF-5	417	46.0	0.1103	11
24-Aug-06	PUF-5	424	20.0	0.0472	5
25-Aug-06	PUF-5	405	18.0	0.0444	4
26-Aug-06	PUF-5	499	72.0	0.1443	14
29-Aug-06	PUF-5	413	270.0	0.6538	65
30-Aug-06	PUF-5	430	70.0	0.1628	16
31-Aug-06	PUF-5	445	16.0	0.036	4
05-Sep-06	PUF-5	452	84.0	0.1858	19
06-Sep-06	PUF-5	430	96.0	0.2233	22
07-Sep-06	PUF-5	414	26.0	0.0628	6
08-Sep-06	PUF-5	456	45.0	0.0987	10
09-Sep-06	PUF-5	499	80.0	0.1603	16
11-Sep-06	PUF-5	415	27.0	0.0651	7
14-Sep-06	PUF-5	466	120.0	0.2575	26
15-Sep-06	PUF-5	452	36.0	0.0796	8
16-Sep-06	PUF-5	466	12.0	0.0258	3
18-Sep-06	PUF-5	383	54.0	0.141	14
19-Sep-06	PUF-5	441	130.0	0.2948	29
20-Sep-06	PUF-5	458	50.0	0.1092	11
21-Sep-06	PUF-5	448	6.7	0.015	2
25-Sep-06	PUF-5	443	31.0	0.07	7
26-Sep-06	PUF-5	428	13.0	0.0304	3
27-Sep-06	PUF-5	406	80.0	0.197	20
28-Sep-06	PUF-5	454	76.0	0.1674	17
29-Sep-06	PUF-5	443	13.0	0.0293	3
30-Sep-06	PUF-5	497	18.0	0.0362	4
02-Oct-06	PUF-5	467	18.0	0.0385	4
04-Oct-06	PUF-5	428	25.0	0.0584	6
05-Oct-06	PUF-5	463	4.7	0.0102	1
06-Oct-06	PUF-5	432	7.5	0.0174	2
07-Oct-06	PUF-5	530	36.0	0.0679	7
09-Oct-06	PUF-5	437	50.0	0.1144	11
10-Oct-06	PUF-5	436	13.0	0.0298	3
11-Oct-06	PUF-5	424	39.0	0.092	9
12-Oct-06	PUF-5	437	9.5	0.0217	2
13-Oct-06	PUF-5	450	10.0	0.0222	2
14-Oct-06	PUF-5	449	21.0	0.0468	5
16-Oct-06	PUF-5	410	4.2	0.0102	1
17-Oct-06	PUF-5	402	24.0	0.0597	6
18-Oct-06	PUF-5	413	58.0	0.1404	14

TABLE 3.1.8
STATION 29 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
19-Oct-06	PUF-5	411	46.0	0.1119	11
20-Oct-06	PUF-5	440	13.0	0.0295	3
21-Oct-06	PUF-5	476	12.0	0.0252	3
23-Oct-06	PUF-5	508	32.0	0.063	6
24-Oct-06	PUF-5	445	27.0	0.0607	6
25-Oct-06	PUF-5	454	4.1	0.009	1
26-Oct-06	PUF-5	434	2.6	0.006	1
27-Oct-06	PUF-5	443	25.0	0.0564	6
28-Oct-06	PUF-5	443	67.0	0.1512	15
30-Oct-06	PUF-5	425	7.7	0.0181	2
31-Oct-06	PUF-5	442	32.0	0.0724	7
01-Nov-06	PUF-5	379	24.0	0.0633	6
02-Nov-06	PUF-5	376	27.0	0.0718	7
03-Nov-06	PUF-5	402	14.0	0.0348	3
04-Nov-06	PUF-5	438	3.9	0.0089	1
06-Nov-06	PUF-5	370	4.0	0.0108	1
07-Nov-06	PUF-5	384	74.0	0.1927	19
08-Nov-06	PUF-5	390	26.0	0.0667	7
09-Nov-06	PUF-5	389	66.0	0.1697	17
10-Nov-06	PUF-5	378	16.0	0.0423	4
11-Nov-06	PUF-5	518	46.0	0.0888	9
12-Nov-06	PUF-5	426	2.6	0.0061	1
13-Nov-06	PUF-5	474	18.0	0.038	4
14-Nov-06	PUF-5	453	2.5	0.0055	1
15-Nov-06	PUF-5	434	4.2	0.0097	1
17-Nov-06	PUF-5	481	21.0	0.0437	4
18-Nov-06	PUF-5	487	49.0	0.1006	10
19-Nov-06	PUF-5	359	23.0	0.0641	6
20-Nov-06	PUF-5	462	39.0	0.0844	8
21-Nov-06	PUF-5	406	17.0	0.0419	4
27-Nov-06	PUF-5	414	4.5	0.0109	1
28-Nov-06	PUF-5	436	7.1	0.0163	2
29-Nov-06	PUF-5	420	7.5	0.0179	2
30-Nov-06	PUF-5	418	15.0	0.0359	4
04-Dec-06	PUF-5	413	4.3	0.0104	1
05-Dec-06	PUF-5	434	5.6	0.0129	1
06-Dec-06	PUF-5	438	10.0	0.0228	2
07-Dec-06	PUF-5	483	9.7	0.0201	2
11-Dec-06	PUF-5	430	2.9	0.0067	1
13-Dec-06	PUF-5	455	8.9	0.0196	2
14-Dec-06	PUF-5	421	13.0	0.0309	3
15-Dec-06	PUF-5	408	15.0	0.0368	4
16-Dec-06	PUF-5	476	11.0	0.0231	2
18-Dec-06	PUF-5	419	17.0	0.0406	4
19-Dec-06	PUF-5	450	15.0	0.0333	3
20-Dec-06	PUF-5	430	3.0	0.007	1
02-Jan-07	PUF-5	442	6.1	0.0138	1
03-Jan-07	PUF-5	425	4.4	0.0104	1
04-Jan-07	PUF-5	427	4.5	0.0105	1
05-Jan-07	PUF-5	429	7.6	0.0177	2
06-Jan-07	PUF-5	501	17.0	0.0339	3
08-Jan-07	PUF-5	401	7.1	0.0177	2
09-Jan-07	PUF-5	458	9.7	0.0212	2
10-Jan-07	PUF-5	441	1.8	0.0041	0
11-Jan-07	PUF-5	422	3.0	0.0071	1

TABLE 3.1.8
STATION 29 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
12-Jan-07	PUF-5	448	13.0	0.029	3
24-Jan-07	PUF-5	445	18.0	0.0404	4
25-Jan-07	PUF-5	471	10.0	0.0212	2
29-Jan-07	PUF-5	464	6.1	0.0131	1
30-Jan-07	PUF-5	491	3.8	0.0077	1
31-Jan-07	PUF-5	438	3.7	0.0084	1
01-Feb-07	PUF-5	456	6.7	0.0147	1
02-Feb-07	PUF-5	448	2.1	0.0047	0
08-Feb-07	PUF-5	475	3.6	0.0076	1
09-Feb-07	PUF-5	510	3.5	0.0069	1
10-Feb-07	PUF-5	521	5.5	0.0106	1
12-Feb-07	PUF-5	458	1.8	0.0039	0
15-Feb-07	PUF-5	500	5	0.01	1
16-Feb-07	PUF-5	466	4.4	0.0094	1
17-Feb-07	PUF-5	469	2.4	0.0051	1
19-Feb-07	PUF-5	445	7.6	0.0171	2
20-Feb-07	PUF-5	431	38	0.0882	9
21-Feb-07	PUF-5	435	17	0.0391	4
22-Feb-07	PUF-5	453	28	0.0618	6
27-Feb-07	PUF-5	26	19	25	33
28-Feb-07	PUF-5	459	2.9	0.0063	1
02-Mar-07	PUF-5	429	17	0.0396	4
03-Mar-07	PUF-5	394	0	ND(0.0013)	0
04-Mar-07	PUF-5	471	15	0.0318	3
05-Mar-07	PUF-5	388	14	0.0361	4
06-Mar-07	PUF-5	393	3.4	0.0087	1
07-Mar-07	PUF-5	401	3.8	0.0095	1
08-Mar-07	PUF-5	413	6.7	0.0162	2
12-Mar-07	PUF-5	423	40	0.0946	9
13-Mar-07	PUF-5	382	78	0.2042	20
14-Mar-07	PUF-5	386	52	0.1347	13
15-Mar-07	PUF-5	418	2.1	0.005	0
16-Mar-07	PUF-5	400	12	0.03	3
17-Mar-07	PUF-5	487	18	0.037	4
19-Mar-07	PUF-5	405	37	0.0914	9
20-Mar-07	PUF-5	380	4.4	0.0116	1
21-Mar-07	PUF-5	381	31	0.0814	8
29-Mar-07	PUF-5	370	10	0.027	3
30-Mar-07	PUF-5	389	16	0.0411	4

Notes:

* Results not reported due to machine malfunction.

J Estimated result. Results if less than the reporting limit.

ND Not detected.

⁽¹⁾ Exceedance primarily attributed to >50 ppm soil Excavation Plan II

TABLE 3.1.9
STATION 29B PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
20-May-08	PUF-5	224	*	*	*
22-May-08	PUF-5	210	*	*	*
27-May-08	PUF-5	306	5.6	0.0183	2
29-May-08	PUF-5	381	10	0.0262	3
30-May-08	PUF-5	435	27	0.0621	6
2-Jun-08	PUF-5	373	14	0.0375	4
17-Jun-08	PUF-5	349	9.9	0.0284	3
19-Aug-08	PUF-5	360	4.6	0.0128	1
20-Aug-08	PUF-5	336	2.5	0.0074	1
21-Aug-08	PUF-5	330	6.7	0.0203	2
22-Aug-08	PUF-5	338	5.1	0.0151	2
23-Aug-08	PUF-5	393	15	0.0382	4
26-Aug-08	PUF-5	342	2.1	0.0061	1
27-Aug-08	PUF-5	336	4.6	0.0137	1
28-Aug-08	PUF-5	355	15	0.0423	4
2-Sep-08	PUF-5	381	6.2	0.0163	2
3-Sep-08	PUF-5	364	7	0.0192	2
4-Sep-08	PUF-5	340	6	0.0176	2
5-Sep-08	PUF-5	347	23	0.0663	7
6-Sep-08	PUF-5	400	12	0.03	3
8-Sep-08	PUF-5	363	6.9	0.019	2
9-Sep-08	PUF-5	366	2.9	0.0079	1
10-Sep-08	PUF-5	359	2.2	0.0061	1
11-Sep-08	PUF-5	342	3.8	0.0111	1
13-Sep-08	PUF-5	388	5.8	0.0149	1
15-Sep-08	PUF-5	351	3.7	0.0105	1
16-Sep-08	PUF-5	369	4.5	0.0122	1
17-Sep-08	PUF-5	359	2.9	0.0081	1
18-Sep-08	PUF-5	361	1.8	0.005	0
19-Sep-08	PUF-5	80	*	*	*
22-Sep-08	PUF-5	15	*	*	*
23-Sep-08	PUF-5	185	*	*	*
29-Sep-08	PUF-5	344	12	0.0349	3
30-Sep-08	PUF-5	327	8.2	0.0251	3
1-Oct-08	PUF-5	358	4.8	0.0134	1
2-Oct-08	PUF-5	340	3.5	0.0103	1
3-Oct-08	PUF-5	337	4.4	0.0131	1
4-Oct-08	PUF-5	398	1.7	0.0043	0
6-Oct-08	PUF-5	366	1.2	0.0033	0
7-Oct-08	PUF-5	350	2.2	0.0063	1

Notes:

* Results not reported due to machine malfunction.

TABLE 3.1.10
STATION 30 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
9-May-06	PUF-17	369	16.0	0.0434	4
10-May-06	PUF-17	416	9.5	0.0228	2
19-May-06	PUF-17	39	*	*	*
22-May-06	PUF-17	365	4.6	0.0126	1
23-May-06	PUF-17	417	7.9	0.0189	2
24-May-06	PUF-17	367	25.0	0.0681	7
25-May-06	PUF-17	394	43.0	0.1091	11
30-May-06	PUF-17	442	25.0	0.0566	6
31-May-06	PUF-17	429	8.6	0.02	2
1-Jun-06	PUF-17	407	14.0	0.0344	3
2-Jun-06	PUF-17	413	12.0	0.0291	3
5-Jun-06	PUF-17	441	9.8	0.0222	2
6-Jun-06	PUF-17	378	56.0	0.1481	15
7-Jun-06	PUF-17	411	33.0	0.0803	8
8-Jun-06	PUF-17	162	*	*	*
9-Jun-06	PUF-17	407	7.2	0.0177	2
10-Jun-06	PUF-17	98	*	*	*
12-Jun-06	PUF-17	1	*	*	*
14-Jun-06	PUF-17	394	13.0	0.033	3
15-Jun-06	PUF-17	400	12.0	0.03	3
16-Jun-06	PUF-17	398	24.0	0.0603 J	6
17-Jun-06	PUF-17	444	140.0	0.3153 J	32
19-Jun-06	PUF-17	413	33.0	0.0799	8
20-Jun-06	PUF-17	411	78.0	0.1898	19
21-Jun-06	PUF-17	390	89.0	0.2282	23
22-Jun-06	PUF-17	420	17.0	0.0405	4
23-Jun-06	PUF-17	405	9.2	0.0227	2
24-Jun-06	PUF-17	406	11.0	0.0271	3
26-Jun-06	PUF-17	412	13.0	0.0316	3
27-Jun-06	PUF-17	398	12.0	0.0302	3
28-Jun-06	PUF-17	411	17.0	0.0414	4
29-Jun-06	PUF-17	404	12.0	0.0297	3
30-Jun-06	PUF-17	421	37.0	0.0879	9
3-Jul-06	PUF-17	1	*	*	*
5-Jul-06	PUF-17	0	*	*	*
6-Jul-06	PUF-17	362	8.9	0.0246	2
7-Jul-06	PUF-17	298	8.3	0.0279	3
8-Jul-06	PUF-17	303	8.8	0.029 J	3
10-Jul-06	PUF-17	385	130.0	0.3377	34
17-Jul-06	PUF-17	6	*	*	*
18-Jul-06	PUF-17	274	11.0	0.0401	4
19-Jul-06	PUF-17	381	30.0	0.0787	8
20-Jul-06	PUF-17	359	56.0	0.156	16
21-Jul-06	PUF-17	355	59.0	0.1662	17
22-Jul-06	PUF-17	451	11.0	0.0244	2
24-Jul-06	PUF-17	331	31.0	0.0937	9
25-Jul-06	PUF-17	358	180.0	0.5028	50
26-Jul-06	PUF-17	385	420.0	1.0909	109 ^(U)
28-Jul-06	PUF-17	389	110.0	0.2828	28
29-Jul-06	PUF-17	375	70.0	0.1867	19
31-Jul-06	PUF-17	386	120.0	0.3109	31
1-Aug-06	PUF-17	421	170.0	0.4038	40
2-Aug-06	PUF-17	402	290.0	0.7214	72

TABLE 3.1.10
STATION 30 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
3-Aug-06	PUF-17	443	32.0	0.0722	7
4-Aug-06	PUF-17	403	21.0	0.0521	5
5-Aug-06	PUF-17	477	26.0	0.0545	5
7-Aug-06	PUF-17	421	23.0	0.0546	5
8-Aug-06	PUF-17	334	19.0	0.0569	6
9-Aug-06	PUF-17	395	59.0	0.1494	15
10-Aug-06	PUF-17	373	36.0	0.0965	10
11-Aug-06	PUF-17	402	17.0	0.0423	4
12-Aug-06	PUF-17	472	24.0	0.0508	5
14-Aug-06	PUF-17	391	29.0	0.0742	7
15-Aug-06	PUF-17	399	32.0	0.0802	8
16-Aug-06	PUF-17	393	31.0	0.0789	8
17-Aug-06	PUF-17	397	57.0	0.1436	14
18-Aug-06	PUF-17	389	25.0	0.0643	6
19-Aug-06	PUF-17	365	23.0	0.063	6
21-Aug-06	PUF-17	423	23.0	0.0544	5
22-Aug-06	PUF-17	399	25.0	0.0627	6
23-Aug-06	PUF-17	417	30.0	0.0719	7
24-Aug-06	PUF-17	380	34.0	0.0895	9
25-Aug-06	PUF-17	396	62.0	0.1566	16
26-Aug-06	PUF-17	433	96.0	0.2217	22
29-Aug-06	PUF-17	406	7.2	0.0177	2
30-Aug-06	PUF-17	392	7.5	0.0191	2
31-Aug-06	PUF-17	382	3.3	0.0086	1
5-Sep-06	PUF-17	415	15.0	0.0361	4
6-Sep-06	PUF-17	406	26.0	0.064	6
7-Sep-06	PUF-17	393	24.0	0.0611	6
8-Sep-06	PUF-17	430	36.0	0.0837	8
9-Sep-06	PUF-17	0	*	*	*
11-Sep-06	PUF-17	423	42.0	0.0993	10
14-Sep-06	PUF-17	442	38.0	0.086	9
15-Sep-06	PUF-17	413	34.0	0.0823	8
16-Sep-06	PUF-17	457	62.0	0.1357	14
18-Sep-06	PUF-17	358	4.7	0.0131	1
19-Sep-06	PUF-17	403	2.2	0.0055	1
20-Sep-06	PUF-17	433	12.0	0.0277	3
21-Sep-06	PUF-17	407	10.0	0.0246	2
25-Sep-06	PUF-17	424	26.0	0.0613	6
26-Sep-06	PUF-17	424	66.0	0.1557	16
27-Sep-06	PUF-17	413	61.0	0.1477	15
28-Sep-06	PUF-17	442	11.0	0.0249	2
29-Sep-06	PUF-17	408	34.0	0.0833	8
30-Sep-06	PUF-17	463	23.0	0.0497	5
2-Oct-06	PUF-17	403	99.0	0.2457	25
4-Oct-06	PUF-17	416	77.0	0.1851	19
5-Oct-06	PUF-17	423	13.0	0.0307	3
6-Oct-06	PUF-17	391	25.0	0.0639	6
7-Oct-06	PUF-17	484	34.0	0.0702	7
9-Oct-06	PUF-17	416	49.0	0.1178	12
10-Oct-06	PUF-17	398	99.0	0.2487	25
11-Oct-06	PUF-17	386	29.0	0.0751	8
12-Oct-06	PUF-17	410	11.0	0.0268	3
13-Oct-06	PUF-17	405	2.7	0.0067	1

TABLE 3.1.10

**STATION 30 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
14-Oct-06	PUF-17	385	13.0	0.0338	3
16-Oct-06	PUF-17	408	27.0	0.0662	7
17-Oct-06	PUF-17	372	15.0	0.0403	4
18-Oct-06	PUF-17	393	28.0	0.0712	7
19-Oct-06	PUF-17	387	1.3	0.0034	0
20-Oct-06	PUF-17	461	17.0	0.0369	4
21-Oct-06	PUF-17	412	17.0	0.0413	4
23-Oct-06	PUF-17	438	0.5	0.0011	0
24-Oct-06	PUF-17	426	8.8	0.0207	2
25-Oct-06	PUF-17	438	6.1	0.0139	1
26-Oct-06	PUF-17	424	5.6	0.0132	1
27-Oct-06	PUF-17	424	2.7	0.0064	1
28-Oct-06	PUF-17	386	1.1	0.0028	0
30-Oct-06	PUF-17	371	61.0	0.1644	16
31-Oct-06	PUF-17	126	*	*	*
1-Nov-06	PUF-17	43	*	*	*
2-Nov-06	PUF-17	423	5.0	0.0118	1
3-Nov-06	PUF-17	466	9.0	0.0193	2
4-Nov-06	PUF-17	386	22.0	0.057	6
4-Nov-06	PUF-17	358	22.0	0.0615	6
6-Nov-06	PUF-17	385	16.0	0.0416	4
6-Nov-06	PUF-17	415	16.0	0.0386	4
7-Nov-06	PUF-17	83	*	*	*
7-Nov-06	PUF-17	93	*	*	*
8-Nov-06	PUF-17	0	*	*	*
8-Nov-06	PUF-17	0	*	*	*
9-Nov-06	PUF-17	347	64.0	0.1844	18
9-Nov-06	PUF-17	323	64.0	0.1981	20
10-Nov-06	PUF-17	426	74.0	0.1737	17
10-Nov-06	PUF-17	380	74.0	0.1947	19
11-Nov-06	PUF-17	452	1.3	0.0029	0
11-Nov-06	PUF-17	484	1.3	0.0027	0
12-Nov-06	PUF-17	338	3.6	0.0107	1
12-Nov-06	PUF-17	316	3.6	0.0114	1
13-Nov-06	PUF-17	442	11.0	0.0249	2
13-Nov-06	PUF-17	398	11.0	0.0276	3
14-Nov-06	PUF-17	411	8.0	0.0195	2
14-Nov-06	PUF-17	367	8.0	0.0218	2
15-Nov-06	PUF-17	404	2.3	0.0057	1
15-Nov-06	PUF-17	361	2.3	0.0064	1
17-Nov-06	PUF-17	476	11.0	0.0231	2
18-Nov-06	PUF-17	505	1.7	0.0034	0
19-Nov-06	PUF-17	364	0.8	0.0022	0
20-Nov-06	PUF-17	429	9.0	0.021	2
21-Nov-06	PUF-17	435	22.0	0.0506	5
27-Nov-06	PUF-17	416	120.0	0.2885 J	29
28-Nov-06	PUF-17	421	110.0	0.2613	26
29-Nov-06	PUF-17	434	140.0	0.3226	32
30-Nov-06	PUF-17	420	7.4	0.0176	2
4-Dec-06	PUF-17	372	4.9	0.0132	1
5-Dec-06	PUF-17	438	23.0	0.0525	5
6-Dec-06	PUF-17	407	2.2	0.0054	1
7-Dec-06	PUF-17	443	*	*	*

TABLE 3.1.10

**STATION 30 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
11-Dec-06	PUF-17	380	34.0	0.0895	9
13-Dec-06	PUF-17	385	41.0	0.1065	11
14-Dec-06	PUF-17	378	40.0	0.1058	11
15-Dec-06	PUF-17	218	*	*	*
16-Dec-06	PUF-17	495	63.0	0.1273	13
18-Dec-06	PUF-17	351	3.0	0.0085	1
19-Dec-06	PUF-17	410	6.0	0.0146	1
20-Dec-06	PUF-17	391	160.0	0.4092 J	41
2-Jan-07	PUF-17	407	30.0	0.0737	7
3-Jan-07	PUF-17	371	27.0	0.0728	7
4-Jan-07	PUF-17	319	38.0	0.1191	12
5-Jan-07	PUF-17	419	12.0	0.0286	3
6-Jan-07	PUF-17	485	0.0	0	0
8-Jan-07	PUF-17	381	3.9	0.0102	1
9-Jan-07	PUF-17	404	0.6	0.0015	0
10-Jan-07	PUF-17	425	12.0	0.0282	3
11-Jan-07	PUF-17	416	32.0	0.0769	8
12-Jan-07	PUF-17	401	41.0	0.1022	10

Notes:

* Results not reported due to machine malfunction.

J Estimated result. Results if less than the reporting limit.

ND Not detected.

⁽¹⁾ Exceedance primarily attributed to >50 ppm soil excavation in
Excavation Plan II

TABLE 3.1.11

**STATION 31 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
12-May-06	PUF-6	289	4.0	0.01	1
13-May-06	PUF-6	178	*	*	*
15-May-06	PUF-6	392	0.0	ND(0.0019)	0
19-May-06	PUF-6	327	11.0	0.0336	3
22-May-06	PUF-6	308	47.0	0.1526	15
23-May-06	PUF-6	375	240.0	0.64	64
24-May-06	PUF-6	431	38.0	0.0882	9
25-May-06	PUF-6	96	*	*	*
30-May-06	PUF-6	399	190.0	0.4762	48
31-May-06	PUF-6	377	90.0	0.2387	24
1-Jun-06	PUF-6	383	53.0	0.1384	14
2-Jun-06	PUF-6	385	500.0	1.2987	130 ⁽¹⁾
5-Jun-06	PUF-6	392	510.0	1.301	130 ⁽¹⁾
6-Jun-06	PUF-6	339	87.0	0.2566	26
7-Jun-06	PUF-6	137	*	*	*
8-Jun-06	PUF-6	382	490.0	1.2827	128 ⁽¹⁾
9-Jun-06	PUF-6	363	280.0	0.7713	77
10-Jun-06	PUF-6	148	*	*	*
12-Jun-06	PUF-6	417	230.0	0.5516	55
14-Jun-06	PUF-6	348	430.0	1.2356	124 ⁽¹⁾
15-Jun-06	PUF-6	379	630.0	1.6623	166 ⁽¹⁾
16-Jun-06	PUF-6	365	1200.0	3.2877 J	329 ⁽¹⁾
17-Jun-06	PUF-6	360	76.0	0.2111 J	21
19-Jun-06	PUF-6	363	200.0	0.551	55
20-Jun-06	PUF-6	360	130.0	0.3611	36
21-Jun-06	PUF-6	352	6.0	0.017	2
22-Jun-06	PUF-6	373	67.0	0.1796	18
23-Jun-06	PUF-6	338	190.0	0.5621	56
24-Jun-06	PUF-6	372	370.0	0.9946	99
26-Jun-06	PUF-6	363	190.0	0.5234	52
27-Jun-06	PUF-6	375	34.0	0.0907	9
28-Jun-06	PUF-6	360	130.0	0.3611	36
29-Jun-06	PUF-6	362	360.0	0.9945	99
30-Jun-06	PUF-6	435	220.0	0.5057	51
3-Jul-06	PUF-6	416	4.7	0.0113	1
5-Jul-06	PUF-6	363	27.0	0.0744	7
6-Jul-06	PUF-6	395	320.0	0.8101	81
7-Jul-06	PUF-6	337	480.0	1.4243	142 ⁽²⁾
8-Jul-06	PUF-6	396	430.0	1.0859 J	109 ⁽²⁾
10-Jul-06	PUF-6	372	170.0	0.457	46
17-Jul-06	PUF-6	366	450.0	1.2295	123 ⁽²⁾
18-Jul-06	PUF-6	342	330.0	0.9649	96
19-Jul-06	PUF-6	353	750.0	2.1246	212 ⁽²⁾
20-Jul-06	PUF-6	348	430.0	1.2356	124 ⁽²⁾
21-Jul-06	PUF-6	324	170.0	0.5247	52
22-Jul-06	PUF-6	405	75.0	0.1852	19
24-Jul-06	PUF-6	347	660.0	1.902	190 ⁽²⁾
25-Jul-06	PUF-6	352	83.0	0.2358	24
26-Jul-06	PUF-6	374	8.4	0.0225 J	2
27-Jul-06	PUF-6	1	*	*	*
28-Jul-06	PUF-6	382	7.7	0.0202	2
29-Jul-06	PUF-6	381	260.0	0.6824	68
31-Jul-06	PUF-6	344	170.0	0.4942	49
1-Aug-06	PUF-6	411	32.0	0.0779	8
2-Aug-06	PUF-6	392	6.6	0.0168	2

TABLE 3.1.11

**STATION 31 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
3-Aug-06	PUF-6	368	5.9	0.016	2
4-Aug-06	PUF-6	429	170.0	0.3963	40
5-Aug-06	PUF-6	492	1000.0	2.0325	203 ⁽²⁾
7-Aug-06	PUF-6	399	68.0	0.1704	17
8-Aug-06	PUF-6	323	430.0	1.3313 J	133 ⁽²⁾
9-Aug-06	PUF-6	409	380.0	0.9291	93
10-Aug-06	PUF-6	349	110.0	0.3152	32
11-Aug-06	PUF-6	374	220.0	0.5882	59
12-Aug-06	PUF-6	408	220.0	0.5392	54
14-Aug-06	PUF-6	52	*	*	*
8/15/2006	PUF-6	121	*	*	*
16-Aug-06	PUF-6	288	6.4	0.0222	2
17-Aug-06	PUF-6	1	*	*	*
17-Aug-06	PUF-6	72	*	*	*
18-Aug-06	PUF-6	208	270.0	1.2981	130 ⁽²⁾
18-Aug-06	PUF-6	150	16.0	0.1067	11
19-Aug-06	PUF-6	191	49.0	0.2565	26
19-Aug-06	PUF-6	179	20.0	0.1117	11
21-Aug-06	PUF-6	430	110.0	0.2558	26
22-Aug-06	PUF-6	378	140.0	0.3704 J	37
23-Aug-06	PUF-6	373	240.0	0.6434	64
24-Aug-06	PUF-6	359	210.0	0.585 J	58
25-Aug-06	PUF-6	374	250.0	0.6684 J	67
26-Aug-06	PUF-6	441	66.0	0.1497	15
29-Aug-06	PUF-6	362	6.4	0.0177	2
30-Aug-06	PUF-6	383	73.0	0.1906	19
31-Aug-06	PUF-6	375	32.0	0.0853	9
5-Sep-06	PUF-6	400	12.0	0.03	3
6-Sep-06	PUF-6	381	300.0	0.7874 J	79
7-Sep-06	PUF-6	389	340.0	0.874 J	87
8-Sep-06	PUF-6	395	570.0	1.443 J	144 ⁽³⁾
9-Sep-06	PUF-6	464	680.0	1.4655	147 ⁽³⁾
11-Sep-06	PUF-6	386	210.0	0.544	54
14-Sep-06	PUF-6	414	83.0	0.2005	20
15-Sep-06	PUF-6	431	590.0	1.3689 J	137 ⁽³⁾
16-Sep-06	PUF-6	433	180.0	0.4157	42
18-Sep-06	PUF-6	401	2.8	0.007	1
19-Sep-06	PUF-6	416	1.7	0.0041	0
20-Sep-06	PUF-6	403	66.0	0.1638	16
21-Sep-06	PUF-6	408	230.0	0.5637	56
25-Sep-06	PUF-6	393	55.0	0.1399	14
26-Sep-06	PUF-6	399	11.0	0.0276	3
27-Sep-06	PUF-6	416	8.7	0.0209	2
28-Sep-06	PUF-6	419	28.0	0.0668	7
29-Sep-06	PUF-6	390	5.9	0.0151	2
30-Sep-06	PUF-6	433	4.8	0.0111	1
2-Oct-06	PUF-6	420	32.0	0.0762	8
4-Oct-06	PUF-6	410	9.9	0.0241	2
5-Oct-06	PUF-6	375	3.5	0.0093	1
6-Oct-06	PUF-6	378	49.0	0.1296	13
7-Oct-06	PUF-6	454	160.0	0.3524	35
9-Oct-06	PUF-6	387	300.0	0.7752	78
10-Oct-06	PUF-6	370	24.0	0.0649	6
11-Oct-06	PUF-6	364	1.3	0.0036	0
12-Oct-06	PUF-6	285	0.8	0.0028	0

TABLE 3.1.11

**STATION 31 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
13-Oct-06	PUF-6	373	0.9	0.0024	0
14-Oct-06	PUF-6	186	48.0	0.2581	26
16-Oct-06	PUF-6	190	49.0	0.2579	26
17-Oct-06	PUF-6	200	9.8	0.049	5
18-Oct-06	PUF-6	207	98.0	0.4734	47
19-Oct-06	PUF-6	184	1.4	0.0076	1
20-Oct-06	PUF-6	218	4.0	0.0183	2
21-Oct-06	PUF-6	223	37.0	0.1659	17
23-Oct-06	PUF-6	215	0.0	ND(0.0023)	0
24-Oct-06	PUF-6	199	40.0	0.201	20
25-Oct-06	PUF-6	404	120.0	0.297	30
26-Oct-06	PUF-6	406	39.0	0.0961	10
27-Oct-06	PUF-6	392	84.0	0.2143	21
28-Oct-06	PUF-6	401	1.1	0.0027	0
30-Oct-06	PUF-6	383	3.2	0.0084	1
31-Oct-06	PUF-6	386	4.0	0.0104	1
1-Nov-06	PUF-6	403	0.6	0.0015	0
2-Nov-06	PUF-6	398	16.0	0.0402	4
3-Nov-06	PUF-6	427	38.0	0.089	9
4-Nov-06	PUF-6	433	11.0	0.0254	3
6-Nov-06	PUF-6	425	200.0	0.4706 J	47
7-Nov-06	PUF-6	426	26.0	0.061	6
8-Nov-06	PUF-6	433	11.0	0.0254	3
9-Nov-06	PUF-6	391	180.0	0.4604 J	46
10-Nov-06	PUF-6	414	8.3	0.02	2
11-Nov-06	PUF-6	459	4.9	0.0107	1
12-Nov-06	PUF-6	391	110.0	0.2813 J	28
13-Nov-06	PUF-6	431	54.0	0.1253	13
14-Nov-06	PUF-6	431	190.0	0.4408 J	44
15-Nov-06	PUF-6	425	63.0	0.1482	15
17-Nov-06	PUF-6	423	79.0	0.1868	19
18-Nov-06	PUF-6	450	2.8	0.0062	1
19-Nov-06	PUF-6	328	0.7	0.0021	0
20-Nov-06	PUF-6	454	49.0	0.1079	11
21-Nov-06	PUF-6	387	83.0	0.2145	21
27-Nov-06	PUF-6	388	7.9	0.0204	2
28-Nov-06	PUF-6	398	14.0	0.0352	4
29-Nov-06	PUF-6	405	5.2	0.0128	1
30-Nov-06	PUF-6	396	9.8	0.0247	2
4-Dec-06	PUF-6	406	0.0	ND(0.0012)	0
5-Dec-06	PUF-6	406	3.4	0.0084	1
6-Dec-06	PUF-6	359	0.0	ND(0.0014)	0
7-Dec-06	PUF-6	388	0.0	ND(0.0013)	0
11-Dec-06	PUF-6	360	37.0	0.1028	10
13-Dec-06	PUF-6	371	1.6	0.0043	0
14-Dec-06	PUF-6	0	*	*	*
15-Dec-06	PUF-6	366	48.0	0.1311	13
16-Dec-06	PUF-6	434	5.4	0.0124	1
18-Dec-06	PUF-6	382	1.5	0.0039	0
19-Dec-06	PUF-6	415	58.0	0.1398	14
20-Dec-06	PUF-6	411	7.6	0.0185	2
2-Jan-07	PUF-6	408	14.0	0.0343	3
3-Jan-07	PUF-6	387	5.6	0.0145	1
4-Jan-07	PUF-6	376	5.6	0.0149	1
5-Jan-07	PUF-6	377	6.8	0.018	2

TABLE 3.1.11

**STATION 31 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
6-Jan-07	PUF-6	461	22.0	0.0477	5
8-Jan-07	PUF-6	377	0.6	0.0016	0
9-Jan-07	PUF-6	397	0.0	ND(0.0013)	0
10-Jan-07	PUF-6	399	1.3	0.0033	0
11-Jan-07	PUF-6	390	1.6	0.0041	0
12-Jan-07	PUF-6	385	3.2	0.0083	1
20-Jan-07	PUF-6	476	33.0	0.0693	7
27-Mar-07	PUF-6	387	91.0	0.2351 J	24
24-Apr-07	PUF-6	407	76.0	0.1867	19
7-Dec-07	PUF-6	426	3.2	0.0075	1
13-Dec-07	PUF-6	449	0.0	ND(0.0011)	0
19-Dec-07	PUF-6	447	7.3	0.0163	2
3-Jan-08	PUF-6	460	1.1	0.0024	0
10-Jan-08	PUF-6	443	16	0.0361	4
16-Jan-08	PUF-6	444	2.6	0.0059	1
14-Feb-08	PUF-6	436	0.8	0.0018	0
9-Apr-08	PUF-6	354	0	ND(0.0014)	0
15-May-08	PUF-6	392	16	0.0408	4
28-May-08	PUF-6	375	3.9	0.0104	1

Notes:

- * Results not reported due to machine malfunction.
- J Estimated result. Results if less than the reporting limit.
- ND Not detected.
- (1) Exceedance primarily attributed to >50 ppm material placement into the vault and East Plant Excavation
- (2) Exceedance primarily attributed to >50 ppm soil excavation into the vault
- (3) Exceedance primarily attributed to >50 ppm soil excavation in Excavation Plan I

TABLE 3.1.12

**STATION 31A PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume m³</i>	<i>Total PCB Mass ug</i>	<i>PCB Concentration ug/m³</i>	<i>Percent Allowable %</i>
27-Jul-08	PUF-6	1	*	*	*
03-Aug-08	PUF-6	0	*	*	*
06-Aug-08	PUF-6	484	2	0.0041	0
07-Aug-08	PUF-6	425	1.7	0.004	0
08-Aug-08	PUF-6	455	1	0.0022	0
11-Aug-08	PUF-6	445	4.9	0.011	1
12-Aug-08	PUF-6	480	3.4	0.0071	1
13-Aug-08	PUF-6	463	5.2	0.0112	1
14-Aug-08	PUF-6	454	4	0.0088	1
15-Aug-08	PUF-6	475	2.8	0.0059	1
16-Aug-08	PUF-6	471	2.5	0.0053 J	1
17-Aug-08	PUF-6	446	3.9	0.0087	1
18-Aug-08	PUF-6	510	7	0.0137	1
19-Aug-08	PUF-6	429	5.6	0.0131	1
20-Aug-08	PUF-6	438	17	0.0388	4
21-Aug-08	PUF-6	446	16	0.0359	4
22-Aug-08	PUF-6	439	7.1	0.0162	2
23-Aug-08	PUF-6	500	3.4	0.0068	1
25-Aug-08	PUF-6	441	5.7	0.0129	1
26-Aug-08	PUF-6	424	3.6	0.0085	1
27-Aug-08	PUF-6	443	13	0.0293	3
05-Sep-08	PUF-6	472	1.9	0.004	0
06-Sep-08	PUF-6	522	9.3	0.0178	2
08-Sep-08	PUF-6	459	6.3	0.0137	1
10-Sep-08	PUF-6	457	14	0.0306	3
11-Sep-08	PUF-6	470	18	0.0383	4
13-Sep-08	PUF-6	524	4.7	0.009	1
22-Sep-08	PUF-6	368	20	0.0543	5
23-Sep-08	PUF-6	370	14	0.0378	4
24-Sep-08	PUF-6	382	17	0.0445	4
25-Sep-08	PUF-6	408	2.4	0.0059	1
26-Sep-08	PUF-6	411	1.5	0.0036	0
27-Sep-08	PUF-6	492	16	0.0325	3
29-Sep-08	PUF-6	390	1.9	0.0049	0
30-Sep-08	PUF-6	0	*	*	*
1-Oct-08	PUF-6	488	0.8	0.0016	0
2-Oct-08	PUF-6	444	0.5	0.0011	0
3-Oct-08	PUF-6	473	4.7	0.0099	1

Notes:

- * Results not reported due to machine malfunction.
- J Estimated result. Results if less than the reporting limit.
- ND Not detected.
- ⁽¹⁾ Exceedance primarily attributed to >50 ppm material placement into the vault and East Plant Excavation
- ⁽²⁾ Exceedance primarily attributed to >50 ppm soil excavation into the vault
- ⁽³⁾ Exceedance primarily attributed to >50 ppm soil excavation in Excavation Plan I

TABLE 3.1.13

**STATION 34 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m3</i>	<i>ug</i>	<i>ug/m3</i>	<i>%</i>
29-Jan-07	PUF-17	358	0.0	ND(0.0014)	0
30-Jan-07	PUF-17	451	0.0	ND(0.0011)	0
31-Jan-07	PUF-17	435	0.0	ND(0.0011)	0
01-Feb-07	PUF-17	421	1.8	0.0043	0
02-Feb-07	PUF-17	416	0.0	ND(0.0012)	0
08-Feb-07	PUF-17	507	3.7	0.0073	1
09-Feb-07	PUF-17	472	5.8	0.0123	1
10-Feb-07	PUF-17	477	9.8	0.0205	2
12-Feb-07	PUF-17	421	3.4	0.0081	1
15-Feb-07	PUF-17	500	4.5	0.009	1
16-Feb-07	PUF-17	442	0.0	ND(0.0011)	0
17-Feb-07	PUF-17	448	4.0	0.0089	1
19-Feb-07	PUF-17	408	0.6	0.0015	0
20-Feb-07	PUF-17	393	57.0	0.145 J	14
21-Feb-07	PUF-17	398	19.0	0.0477	5
22-Feb-07	PUF-17	407	11.0	0.027	3
27-Feb-07	PUF-17	0.061	0.0	0.0594	0.1022
28-Feb-07	PUF-17	390	5.0	0.0128	1
02-Mar-07	PUF-17	405	1.7	0.0042	0
03-Mar-07	PUF-17	406	0.0	ND(0.0012)	0
05-Mar-07	PUF-17	364	23.0	0.0632	6
06-Mar-07	PUF-17	413	19.0	0.046	5
07-Mar-07	PUF-17	419	57.0	0.136	14
08-Mar-07	PUF-17	431	23.0	0.0534	5
12-Mar-07	PUF-17	452	3.2	0.0071	1
13-Mar-07	PUF-17	385	0.0	ND(0.0013)	0
14-Mar-07	PUF-17	0	*	*	*
15-Mar-07	PUF-17	414	22.0	0.0531	5
16-Mar-07	PUF-17	434	75.0	0.1728 J	17
17-Mar-07	PUF-17	363	51.0	0.1405	14
19-Mar-07	PUF-17	524	45.0	0.0859	9
20-Mar-07	PUF-17	332	16.0	0.0482	5
21-Mar-07	PUF-17	395	1.5	0.0038	0
29-Mar-07	PUF-17	374	85.0	0.2273 J	23
30-Mar-07	PUF-17	428	87.0	0.2033	20

Notes:

Air monitoring at Group 14 conducted during installation of 48-inch sewer line for Plant operations.

* Results not reported due to machine malfunction.

ND Not detected.

J Estimated result. Results if less than the reporting limit.

TABLE 3.1.14

**STATION 35 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m3</i>	<i>ug</i>	<i>ug/m3</i>	<i>%</i>
29-Jan-07	PUF-12	289	7.3	0.0253	3
30-Jan-07	PUF-12	370	12.0	0.0324	3
31-Jan-07	PUF-12	349	2.6	0.0074	1
01-Feb-07	PUF-12	338	4.8	0.0142	1
02-Feb-07	PUF-12	318	2.1	0.0066	1
08-Feb-07	PUF-12	350	6.5	0.0186	2
09-Feb-07	PUF-12	356	12.0	0.0337	3
10-Feb-07	PUF-12	365	11.0	0.0301	3
12-Feb-07	PUF-12	319	3.1	0.0097	1
15-Feb-07	PUF-12	363	15.0	0.0413	4
16-Feb-07	PUF-12	340	3.3	0.0097	1
17-Feb-07	PUF-12	331	13.0	0.0393	4
19-Feb-07	PUF-12	310	3.3	0.0106	1
20-Feb-07	PUF-12	313	34.0	0.1086	11
21-Feb-07	PUF-12	353	54.0	0.153	15
22-Feb-07	PUF-12	334	58.0	0.1737	17
27-Feb-07	PUF-12	323	33.0	0.1022	10
28-Feb-07	PUF-12	315	6.3	0.02	2
02-Mar-07	PUF-12	321	15.0	0.0467	5
03-Mar-07	PUF-12	311	24.0	0.0772	8
04-Mar-07	PUF-12	326	19.0	0.0583	6
05-Mar-07	PUF-12	314	34.0	0.1083	11
06-Mar-07	PUF-12	325	7.8	0.024	2
07-Mar-07	PUF-12	466	14.0	0.03	3
08-Mar-07	PUF-12	476	30.0	0.063	6
12-Mar-07	PUF-12	490	33.0	0.0673	7
13-Mar-07	PUF-12	438	19.0	0.0434	4
14-Mar-07	PUF-12	462	28.0	0.0606	6
15-Mar-07	PUF-12	446	7.0	0.0157	2
16-Mar-07	PUF-12	448	45.0	0.1004	10
17-Mar-07	PUF-12	547	98.0	0.1792	18
19-Mar-07	PUF-12	442	54.0	0.1222	12
20-Mar-07	PUF-12	429	11.0	0.0256	3
21-Mar-07	PUF-12	428	12.0	0.028	3
29-Mar-07	PUF-12	405	18.0	0.0444	4
30-Mar-07	PUF-12	427	48.0	0.1124	11

TABLE 3.1.15

STATION 40 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
15-May-08	PUF-22	461	2.9	0.0063	1
18-May-08	PUF-22	498	3.2	0.0064	1
20-May-08	PUF-22	476	9.9	0.0208	2
22-May-08	PUF-22	520	9.6	0.0185	2
27-May-08	PUF-22	462	8	0.0173	2
29-May-08	PUF-22	446	2.3	0.0052	1
30-May-08	PUF-22	497	4.4	0.0089	1
02-Jun-08	PUF-22	468	4.5	0.0096	1
18-Aug-08	PUF-22	436	8	0.0183	2
19-Aug-08	PUF-22	398	2.1	0.0053	1
20-Aug-08	PUF-22	414	0.6	0.0014	0
21-Aug-08	PUF-22	421	1.5	0.0036	0
22-Aug-08	PUF-22	0	*	*	*
23-Aug-08	PUF-22	0	*	*	*
26-Aug-08	PUF-22	407	1.7	0.0042	0
27-Aug-08	PUF-22	415	6.4	0.0154	2
28-Aug-08	PUF-22	436	4.3	0.0099	1
02-Sep-08	PUF-22	0	*	*	*
04-Sep-08	PUF-22	451	8.2	0.0182	2
05-Sep-08	PUF-22	406	28	0.069	7
06-Sep-08	PUF-22	471	14	0.0297	3
08-Sep-08	PUF-22	470	11	0.0234	2
09-Sep-08	PUF-22	421	3.8	0.009	1
10-Sep-08	PUF-22	450	6.4	0.0142	1
11-Sep-08	PUF-22	423	2.4	0.0057	1
13-Sep-08	PUF-22	493	2.6	0.0053	1
19-Sep-08	PUF-22	476	7.5	0.0158	2
22-Sep-08	PUF-22	407	6.8	0.0167	2
23-Sep-08	PUF-22	384	17	0.0443	4
24-Sep-08	PUF-22	434	12	0.0276	3
25-Sep-08	PUF-22	461	6.9	0.015	2
26-Sep-08	PUF-22	389	19	0.0488	5
27-Sep-08	PUF-22	473	13	0.0275	3
29-Sep-08	PUF-22	410	25	0.061	6
30-Sep-08	PUF-22	402	51	0.1269	13
01-Oct-08	PUF-22	433	21	0.0485	5
02-Oct-08	PUF-22	350	1.1	0.0031	0
03-Oct-08	PUF-22	328	6.3	0.0192	2
04-Oct-08	PUF-22	435	6.2	0.0143	1
06-Oct-08	PUF-22	409	1	0.0024	0
07-Oct-08	PUF-22	416	0.8	0.0019	0

Notes:

* Results not reported due to machine malfunction.

TABLE 3.1.16

STATION 41 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
15-May-08	PUF-23	418	5.9	0.0141	1
18-May-08	PUF-23	454	1.9	0.0042	0
20-May-08	PUF-23	439	3.6	0.0082	1
22-May-08	PUF-23	459	16	0.0349	3
27-May-08	PUF-23	423	19	0.0449	4
29-May-08	PUF-23	2	*	*	*
30-May-08	PUF-23	0	*	*	*
02-Jun-08	PUF-23	4	*	*	*
18-Aug-08	PUF-23	386	12	0.0311	3
19-Aug-08	PUF-23	350	16	0.0457	5
20-Aug-08	PUF-23	377	11	0.0292	3
21-Aug-08	PUF-23	384	4.1	0.0107	1
22-Aug-08	PUF-23	391	9	0.023	2
23-Aug-08	PUF-23	385	29	0.0753	8
26-Aug-08	PUF-23	361	23	0.0637	6
27-Aug-08	PUF-23	369	26	0.0705	7
28-Aug-08	PUF-23	370	3.4	0.0092	1
02-Sep-08	PUF-23	399	20	0.0501	5
03-Sep-08	PUF-23	383	8.5	0.0222	2
04-Sep-08	PUF-23	370	1	0.0027	0
08-Sep-08	PUF-23	414	17	0.0411	4
09-Sep-08	PUF-23	351	16	0.0456	5
10-Sep-08	PUF-23	388	30	0.0773	8
11-Sep-08	PUF-23	311	9.2	0.0296	3
13-Sep-08	PUF-23	427	2.6	0.0061	1
15-Sep-08	PUF-23	364	9.4	0.0258	3
16-Sep-08	PUF-23	398	21	0.0528	5
17-Sep-08	PUF-23	351	22	0.0627	6
18-Sep-08	PUF-23	377	18	0.0477	5
19-Sep-08	PUF-23	372	18	0.0484	5
22-Sep-08	PUF-23	340	0	ND(0.0015)	--
23-Sep-08	PUF-23	318	31	0.0975	10
24-Sep-08	PUF-23	133	*	*	*
26-Sep-08	PUF-23	385	33	0.0857	9
27-Sep-08	PUF-23	359	27	0.0752	8
29-Sep-08	PUF-23	328	3.7	0.0113	1
30-Sep-08	PUF-23	346	1.7	0.0049	0
01-Oct-08	PUF-23	202	*	*	*
02-Oct-08	PUF-23	18	*	*	*
03-Oct-08	PUF-23	302	5.6	0.0185	2
04-Oct-08	PUF-23	400	14	0.035	4
06-Oct-08	PUF-23	362	20	0.0552	6
07-Oct-08	PUF-23	368	1.7	0.0046	0

Notes:

* Results not reported due to machine malfunction.

ND Not detected.

TABLE 3.1.17

STATION 42 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Total PCB Mass</i>	<i>PCB Concentration</i>	<i>Percent Allowable</i>
		<i>m³</i>	<i>ug</i>	<i>ug/m³</i>	<i>%</i>
18-May-08	PUF-12	529	10	0.0189	2
20-May-08	PUF-12	488	16	0.0328	3
22-May-08	PUF-12	551	5.5	0.01	1
27-May-08	PUF-12	489	9.5	0.0194	2
29-May-08	PUF-12	458	8.5	0.0186	2
30-May-08	PUF-12	514	16	0.0311	3
02-Jun-08	PUF-12	450	8.8	0.0196	2
18-Aug-08	PUF-12	360	6.4	0.0178	2
19-Aug-08	PUF-12	334	5.8	0.0174	2
20-Aug-08	PUF-12	380	1.3	0.0034	0
21-Aug-08	PUF-12	384	4.4	0.0115	1
22-Aug-08	PUF-12	403	7.5	0.0186	2
23-Aug-08	PUF-12	411	9.6	0.0234	2
26-Aug-08	PUF-12	370	2.2	0.0059	1
27-Aug-08	PUF-12	380	5.6	0.0147	1
28-Aug-08	PUF-12	402	6.5	0.0162	2
02-Sep-08	PUF-12	432	7.6	0.0176	2
03-Sep-08	PUF-12	412	4.7	0.0114	1
04-Sep-08	PUF-12	374	4.8	0.0128	1
05-Sep-08	PUF-12	388	21	0.0541	5
06-Sep-08	PUF-12	430	12	0.0279	3
08-Sep-08	PUF-12	415	13	0.0313	3
09-Sep-08	PUF-12	386	3.3	0.0085	1
10-Sep-08	PUF-12	412	3.6	0.0087	1
11-Sep-08	PUF-12	381	6.5	0.0171	2
13-Sep-08	PUF-12	430	11	0.0256	3
15-Sep-08	PUF-12	390	6.4	0.0164	2
16-Sep-08	PUF-12	415	5.2	0.0125	1
17-Sep-08	PUF-12	400	69	0.1725	17
18-Sep-08	PUF-12	392	4.6	0.0117	1
19-Sep-08	PUF-12	494	11	0.0223	2
22-Sep-08	PUF-12	382	7.6	0.0199	2
23-Sep-08	PUF-12	401	6.6	0.0165	2
24-Sep-08	PUF-12	398	10	0.0251	3
25-Sep-08	PUF-12	436	8.1	0.0186	2
26-Sep-08	PUF-12	364	15	0.0412	4
27-Sep-08	PUF-12	487	9.4	0.0193	2
29-Sep-08	PUF-12	387	45	0.1163	12
30-Sep-08	PUF-12	395	2.4	0.0061	1
01-Oct-08	PUF-12	409	7	0.0171	2
02-Oct-08	PUF-12	382	9.6	0.0251	3
03-Oct-08	PUF-12	379	14	0.0369	4
04-Oct-08	PUF-12	449	3.6	0.008	1
06-Oct-08	PUF-12	409	3	0.0073	1
07-Oct-08	PUF-12	406	7.6	0.0187	2

TABLE 3.1.18

STATION 43 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
25-Jul-08	PUF-4	1	*	*	*
26-Jul-08	PUF-4	1	*	*	*
6-Aug-08	PUF-4	391	1.5	0.0038	0
7-Aug-08	PUF-4	374	0.7	0.0019 J	0
8-Aug-08	PUF-4	381	24	0.063	6
11-Aug-08	PUF-4	387	14	0.0362	4
12-Aug-08	PUF-4	386	11	0.0285	3
13-Aug-08	PUF-4	382	14	0.0366	4
14-Aug-08	PUF-4	403	8.5	0.0211	2
15-Aug-08	PUF-4	405	8.4	0.0207	2
16-Aug-08	PUF-4	449	14	0.0312	3
17-Aug-08	PUF-4	389	18	0.0463	5
18-Aug-08	PUF-4	443	19	0.0429	4
19-Aug-08	PUF-4	362	17	0.047	5
20-Aug-08	PUF-4	405	34	0.084	8
21-Aug-08	PUF-4	382	42	0.1099	11
22-Aug-08	PUF-4	390	36	0.0923	9
25-Aug-08	PUF-4	385	21	0.0545	5
26-Aug-08	PUF-4	348	19	0.0546	5
27-Aug-08	PUF-4	344	30	0.0872	9
05-Sep-08	PUF-4	434	0.9	0.0021	0
06-Sep-08	PUF-4	168	*	*	*
08-Sep-08	PUF-4	418	15	0.0359	4
10-Sep-08	PUF-4	417	32	0.0767	8
11-Sep-08	PUF-4	404	110	0.2723	27
13-Sep-08	PUF-4	462	19	0.0411	4
22-Sep-08	PUF-4	394	290	0.736	74
23-Sep-08	PUF-4	410	830	2.0244	202 ⁽¹⁾
24-Sep-08	PUF-4	420	740	1.7619	176 ⁽¹⁾
25-Sep-08	PUF-4	441	120	0.2721	27
26-Sep-08	PUF-4	494	160	0.3239	32
27-Sep-08	PUF-4	467	160	0.3426	34
29-Sep-08	PUF-4	403	9.2	0.0228	2
30-Sep-08	PUF-4	405	100	0.2469	25
1-Oct-08	PUF-4	417	2.5	0.006	1
2-Oct-08	PUF-4	411	2.5	0.0061	1
3-Oct-08	PUF-4	450	43	0.0956	10
5-Oct-08	PUF-4	117	*	*	*

Notes:

- * Result not reported due to machine malfunction.
- J Estimated results. Results if less than the reporting limit.
- ⁽¹⁾ Exceedence due to increased work activities and less than average rainfall.

TABLE 3.1.19

STATION 44 PCB AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m³</i>	<i>Total PCB Mass</i> <i>ug</i>	<i>PCB Concentration</i> <i>ug/m³</i>	<i>Percent Allowable</i> <i>%</i>
25-Jul-08	PUF-17	337	18	0.0534	5
26-Jul-08	PUF-17	480	4.1	0.0085	1
27-Jul-08	PUF-17	355	3.5	0.0099 J	1
6-Aug-08	PUF-17	462	4	0.0087	1
7-Aug-08	PUF-17	398	4.8	0.0121	1
8-Aug-08	PUF-17	433	29	0.067	7
11-Aug-08	PUF-17	424	13	0.0307	3
12-Aug-08	PUF-17	425	7.9	0.0186	2
13-Aug-08	PUF-17	419	23	0.0549	5
14-Aug-08	PUF-17	441	16	0.0363	4
15-Aug-08	PUF-17	426	13	0.0305	3
18-Aug-08	PUF-17	469	33	0.0704	7
19-Aug-08	PUF-17	411	17	0.0414	4
20-Aug-08	PUF-17	414	24	0.058	6
21-Aug-08	PUF-17	421	34	0.0808	8
22-Aug-08	PUF-17	437	30	0.0686	7
23-Aug-08	PUF-17	458	20	0.0437	4
25-Aug-08	PUF-17	416	6.3	0.0151	2
26-Aug-08	PUF-17	402	12	0.0299	3
27-Aug-08	PUF-17	418	31	0.0742	7
05-Sep-08	PUF-17	400	22	0.055	6
06-Sep-08	PUF-17	470	32	0.0681	7
08-Sep-08	PUF-17	460	31	0.0674	7
10-Sep-08	PUF-17	443	15	0.0339	3
11-Sep-08	PUF-17	439	24	0.0547	5
13-Sep-08	PUF-17	489	6.2	0.0127	1
15-Sep-08	PUF-17	439	37	0.0843	8
16-Sep-08	PUF-17	441	67	0.1519	15
17-Sep-08	PUF-17	445	5	0.0112	1
18-Sep-08	PUF-17	433	97	0.224	22
19-Sep-08	PUF-17	527	66	0.1252	13
22-Sep-08	PUF-17	418	21	0.0502	5
23-Sep-08	PUF-17	441	70	0.1587	16
24-Sep-08	PUF-17	435	97	0.223	22
25-Sep-08	PUF-17	452	73	0.1615	16
26-Sep-08	PUF-17	469	210	0.4478	45
27-Sep-08	PUF-17	523	160	0.3059	31
29-Sep-08	PUF-17	443	180	0.4063	41
30-Sep-08	PUF-17	443	42	0.0948	9
1-Oct-08	PUF-17	476	110	0.2311	23
2-Oct-08	PUF-17	427	25	0.0585	6
3-Oct-08	PUF-17	412	44	0.1068	11

Notes:

J Estimated result. Results if less than the reporting limit.

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
03-Jan-06	STATION 1B	TSP-12	1235	0.87	0.0428	**
	STATION 14	TSP-11	1355	0.93	0.0278	**
	STATION 14	TSP-5	1532	1.05	0.0275	**
	STATION 23	TSP-3	1188	0.76	0.0552	**
04-Jan-06	STATION 1B	TSP-12	1154	0.78	0.4498	UPWIND
	STATION 14	TSP-11	1546	1.09	0.0171	2
	STATION 14	TSP-5	1192	0.84	0.0237	3
	STATION 23	TSP-3	240	*	*	*
05-Jan-06	STATION 1B	TSP-12	1246	0.89	0.2774	UPWIND
	STATION 14	TSP-11	1587	1.12	0.0112	2
	STATION 14	TSP-5	1175	0.83	0.0167	4
	STATION 23	TSP-3	885	0.73	0.1154	25
06-Jan-06	STATION 1B	TSP-12	1609	0.9	0.1278	**
	STATION 14	TSP-11	1833	1.05	0.0198	**
	STATION 14	TSP-5	1605	0.92	0.0292	**
	STATION 23	TSP-3	1327	0.77	0.067	**
09-Jan-06	STATION 1B	TSP-12	1190	0.83	0.2781	UPWIND
	STATION 14	TSP-11	1483	0.96	0.0165	4
	STATION 14	TSP-5	1436	0.93	0.043	9
	STATION 23	TSP-3	1133	0.73	0.1179	25
10-Jan-06	STATION 1B	TSP-12	1451	0.91	0.0377	99
	STATION 14	TSP-11	1180	1.1	0.014	37
	STATION 14	TSP-5	1349	0.96	0.0222	58
	STATION 23	TSP-3	1243	0.9	0.0228	UPWIND
11-Jan-06	STATION 1B	TSP-12	1338	0.88	0.27	**
	STATION 14	TSP-11	1769	1.22	0.0119	**
	STATION 14	TSP-5	1360	0.94	0.0074	**
	STATION 23	TSP-3	1250	0.88	0.0154	**
12-Jan-06	STATION 1B	TSP-12	1256	0.85	0.1471	277 ⁽¹⁾
	STATION 14	TSP-11	1930	1.13	0.0212	40
	STATION 23	TSP-3	1257	0.74	0.0318	UPWIND
16-Jan-06	STATION 1B	TSP-12	1224	0.82	0.3813	542 ⁽¹⁾
	STATION 14	TSP-11	1500	1.12	0.0312	44
	STATION 14	TSP-5	1190	0.89	0.0396	56
	STATION 22A	TSP-9	1327	0.87	0.0546	78
	STATION 23	TSP-3	992	0.75	0.0421	UPWIND
18-Jan-06	STATION 1B	TSP-12	1123	0.79	0.0482	80
	STATION 14	TSP-11	1401	1.05	0.0151	25
	STATION 14	TSP-5	1189	0.89	0.0251	42
	STATION 22A	TSP-9	1301	0.92	0.036	UPWIND
	STATION 23	TSP-3	952	0.76	0.0403	67

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
19-Jan-06	STATION 1B	TSP-12	1127	0.85	0.2935	**
	STATION 14	TSP-11	1900	1.29	0.0319	**
	STATION 14	TSP-5	1386	0.94	0.0306	**
	STATION 22A	TSP-9	99	*	*	*
	STATION 23	TSP-3	1348	0.88	0.0231	**
23-Jan-06	STATION 1B	TSP-12	1073	0.76	0.1895	186 ⁽¹⁾
	STATION 14	TSP-5	1485	0.93	0.0363	36
	STATION 22A	TSP-9	1359	0.99	0.0609	UPWIND
	STATION 23	TSP-3	1281	0.8	0.0623	61
24-Jan-06	STATION 1B	TSP-12	1324	0.86	0.115	UPWIND
	STATION 14	TSP-11	1877	1.42	0.0152	8
	STATION 14	TSP-5	1255	0.92	0.0292	15
	STATION 22A	TSP-9	1728	1.13	0.0546	28
	STATION 23	TSP-3	1006	0.77	0.188	98
25-Jan-06	STATION 1B	TSP-12	1211	0.92	0.192	UPWIND
	STATION 14	TSP-11	2052	1.34	0.0178	6
	STATION 14	TSP-5	1453	0.95	0.0339	11
	STATION 22A	TSP-9	20	*	*	*
	STATION 23	TSP-3	1201	0.78	0.1024	32
26-Jan-06	STATION 1B	TSP-12	1547	1	0.205	352 ⁽¹⁾
	STATION 14	TSP-11	1806	1.37	0.0356	61
	STATION 14	TSP-5	1252	0.95	0.0431	74
	STATION 22A	TSP-9	1400	1	0.1552	266 ⁽²⁾
	STATION 23	TSP-3	1105	0.85	0.0349	UPWIND
27-Jan-06	STATION 1B	TSP-12	1552	0.97	0.2986	724 ⁽¹⁾
	STATION 14	TSP-11	2390	1.36	0.0226	55
	STATION 22A	TSP-9	1528	0.98	0.1054	256 ⁽²⁾
	STATION 23	TSP-3	1528	0.88	0.0247	UPWIND
30-Jan-06	STATION 1B	TSP-12	1308	0.88	0.1466	UPWIND
	STATION 14	TSP-11	1975	1.32	0.0113	5
	STATION 14	TSP-5	1435	0.96	0.0089	4
	STATION 22A	TSP-9	1557	1.08	0.0288	12
	STATION 23	TSP-3	1255	0.85	0.0338	14
31-Jan-06	STATION 1B	TSP-12	1216	0.85	0.2583	267 ⁽¹⁾
	STATION 14	TSP-11	1257	0.9	0.0267	28
	STATION 14	TSP-5	1299	0.93	0.0315	33
	STATION 22A	TSP-9	1531	1.09	0.0301	31
	STATION 23	TSP-3	883	0.63	0.0579	UPWIND
01-Feb-06	STATION 1B	TSP-12	1293	0.78	0.2733 J	199 ⁽¹⁾
	STATION 14	TSP-11	1406	0.79	0.0552 J	40
	STATION 14	TSP-5	1587	0.89	0.0652 J	47
	STATION 22A	TSP-9	1490	0.91	0.0823 J	UPWIND
	STATION 23	TSP-3	1101	0.63	0.0646 J	47

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
02-Feb-06	STATION 1B	TSP-12	1221	0.85	0.0465	57
	STATION 14	TSP-11	1018	0.68	0.039	UPWIND
	STATION 14	TSP-5	1357	0.91	0.0486	UPWIND
	STATION 22A	TSP-9	1446	1.05	0.0391	48
	STATION 23	TSP-3	712	0.48	0.0969	119 ⁽³⁾
03-Feb-06	STATION 1B	TSP-12	991	0.85	0.2324	212 ⁽¹⁾
	STATION 14	TSP-11	944	0.82	0.0268	24
	STATION 14	TSP-5	1050	0.91	0.0249	23
	STATION 22A	TSP-9	1113	0.98	0.0657	UPWIND
	STATION 23	TSP-3	697	0.6	0.1106	101 ⁽³⁾
06-Feb-06	STATION 1B	TSP-12	1296	0.98	0.2555	299 ⁽¹⁾
	STATION 14	TSP-11	1420	0.92	0.0182	21
	STATION 14	TSP-5	1543	1	0.0197	23
	STATION 22A	TSP-9	1420	1.11	0.0511	UPWIND
	STATION 23	TSP-3	980	0.64	0.0862	101 ⁽³⁾
07-Feb-06	STATION 1B	TSP-12	1416	0.95	0.4869	**
	STATION 14	TSP-11	1240	0.92	0.0285	**
	STATION 14	TSP-5	1414	1.05	0.0187	**
	STATION 22A	TSP-9	249	*	*	*
	STATION 23	TSP-3	856	0.68	0.0871	**
08-Feb-06	STATION 1B	TSP-12	1422	0.91	0.4157	780 ⁽¹⁾
	STATION 14	TSP-11	1399	0.93	0.0264	UPWIND
	STATION 14	TSP-5	1522	1.01	0.0319	UPWIND
	STATION 22A	TSP-9	1697	1.11	0.082	154 ⁽²⁾
	STATION 23	TSP-3	1094	0.74	0.1228	231 ⁽³⁾
09-Feb-06	STATION 1B	TSP-12	1267	0.96	0.6111	834 ⁽¹⁾
	STATION 14	TSP-11	1321	0.89	0.0412	56
	STATION 14	TSP-5	1497	1.01	0.0069	9
	STATION 22A	TSP-9	1481	1.16	0.0531	72
	STATION 23	TSP-3	1238	0.81	0.0439	UPWIND
10-Feb-06	STATION 1B	TSP-12	1429	0.9	0.7528	571 ⁽¹⁾
	STATION 14	TSP-11	1409	0.88	0.0598	45
	STATION 22A	TSP-9	1372	0.88	0.0916	70
	STATION 23	TSP-3	1209	0.78	0.0789	UPWIND
13-Feb-06	STATION 1B	TSP-12	1243	0.78	0.4156	282 ⁽¹⁾
	STATION 14	TSP-11	1198	0.8	0.1008	69
	STATION 22A	TSP-9	1183	0.75	0.0881	UPWIND
	STATION 23	TSP-3	1133	0.78	0.0769	52
14-Feb-06	STATION 1B	TSP-12	1069	0.85	0.3394	198 ⁽¹⁾
	STATION 14	TSP-11	1210	0.85	0.0845	49
	STATION 22A	TSP-9	1074	0.87	0.1027	UPWIND
	STATION 23	TSP-3	1021	0.71	0.0623	36

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
15-Feb-06						
	STATION 1B	TSP-12	1190	0.79	0.3083	398 ⁽¹⁾
	STATION 14	TSP-11	1271	0.84	0.0591	76
	STATION 22A	TSP-9	1275	0.86	0.0464	UPWIND
	STATION 23	TSP-3	967	0.65	0.0477	62
16-Feb-06						
	STATION 1B	TSP-12	567	0.42	0.3231	272 ⁽¹⁾
	STATION 14	TSP-11	1180	0.85	0.0329	28
	STATION 22A	TSP-9	1100	0.83	0.0712	UPWIND
	STATION 23	TSP-3	780	0.57	0.0641	54
17-Feb-06						
	STATION 1B	TSP-12	1472	0.97	0.0594	229 ⁽¹⁾
	STATION 14	TSP-11	1468	0.9	0.0155	UPWIND
	STATION 22A	TSP-9	770	*	*	*
	STATION 23	TSP-3	1181	0.72	0.0491	190 ⁽³⁾
20-Feb-06						
	STATION 1B	TSP-12	1258	0.88	0.3696	307 ⁽¹⁾
	STATION 14	TSP-11	1261	0.85	0.0379	32
	STATION 22A	TSP-9	1246	0.9	0.072	UPWIND
	STATION 23	TSP-3	1088	0.76	0.0524	44
21-Feb-06						
	STATION 1B	TSP-12	1263	0.84	0.4133	236 ⁽¹⁾
	STATION 14	TSP-11	1228	0.87	0.044	25
	STATION 22A	TSP-9	1141	0.84	0.1048	UPWIND
	STATION 23	TSP-3	1064	0.84	0.0613	35
22-Feb-06						
	STATION 1B	TSP-12	1160	0.79	0.0891	108 ⁽¹⁾
	STATION 14	TSP-11	1291	0.87	0.0381	46
	STATION 22A	TSP-9	1252	0.87	0.0495	UPWIND
	STATION 23	TSP-3	982	0.68	0.0702	85
23-Feb-06						
	STATION 1B	TSP-12	1170	0.81	0.2163	UPWIND
	STATION 14	TSP-11	1922	1.32	0.0249	7
	STATION 14	TSP-5	1498	1.03	0.0314	9
	STATION 22A	TSP-9	1159	0.82	0.0893	25
	STATION 23	TSP-3	1040	0.7	0.1481	41
24-Feb-06						
	STATION 1B	TSP-12	1370	0.83	0.4251	367 ⁽¹⁾
	STATION 14	TSP-11	2282	1.33	0.0236	20
	STATION 14	TSP-5	1749	1.02	0.0272	24
	STATION 23	TSP-3	1187	0.7	0.0693	UPWIND
27-Feb-06						
	STATION 1B	TSP-12	1109	0.72	0.592	445 ⁽¹⁾
	STATION 14	TSP-11	1838	1.3	0.055	41
	STATION 14	TSP-5	1355	0.96	0.0788	59
	STATION 22A	TSP-9	1290	1.03	0.0797	UPWIND
	STATION 23	TSP-3	1033	0.74	0.1065	80
28-Feb-06						
	STATION 1B	TSP-12	1064	0.77	0.5979	657 ⁽¹⁾
	STATION 14	TSP-11	1966	1.33	0.0473	UPWIND
	STATION 14	TSP-5	1499	1.01	0.0545	UPWIND
	STATION 22A	TSP-9	1407	1.04	0.0602	66
	STATION 23	TSP-3	1007	0.69	0.0757	83

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
01-Mar-06	STATION 1B	TSP-12	1096	0.77	0.3757	**
	STATION 14	TSP-11	1860	1.29	0.059	**
	STATION 14	TSP-5	1453	1.01	0.081	**
	STATION 22A	TSP-9	628	0.56	0.1962	**
	STATION 23	TSP-3	178	*	*	*
02-Mar-06	STATION 1B	TSP-12	1022	0.67	0.1907	UPWIND
	STATION 14	TSP-11	1985	1.34	0.0248	8
	STATION 14	TSP-5	1583	1.07	0.0249	8
	STATION 22A	TSP-9	1413	0.94	0.0973	31
	STATION 23	TSP-3	238	0.17	0.5172	162 ⁽⁴⁾
03-Mar-06	STATION 1B	TSP-12	1318	0.86	0.145	369 ⁽¹⁾
	STATION 14	TSP-11	2065	1.37	0.0152	UPWIND
	STATION 14	TSP-5	1661	1.1	0.0235	UPWIND
	STATION 22A	TSP-9	1405	0.94	0.0814	207 ⁽²⁾
	STATION 23	TSP-3	407	0.27	0.1678	428 ⁽⁴⁾
06-Mar-06	STATION 1B	TSP-12	1377	0.96	0.0727	146 ⁽¹⁾
	STATION 14	TSP-11	1460	1	0.0314	UPWIND
	STATION 14	TSP-5	1256	0.86	0.0299	UPWIND
	STATION 22A	TSP-9	1077	0.83	0.0538	108 ⁽²⁾
	STATION 23	TSP-3	287	0.2	0.2366	474 ⁽⁴⁾
07-Mar-06	STATION 1B	TSP-12	1495	0.95	0.2447	167 ⁽¹⁾
	STATION 14	TSP-11	1530	1.04	0.031	21
	STATION 14	TSP-5	1351	0.92	0.0415	28
	STATION 22A	TSP-9	1359	0.88	0.0702	48
	STATION 23	TSP-3	401	0.28	0.088	UPWIND
14-Mar-06	STATION 1B	TSP-12	1371	0.95	0.16	231 ⁽¹⁾
	STATION 14	TSP-11	1442	1	0.0149	21
	STATION 14	TSP-5	1225	0.85	0.0082	12
	STATION 22A	TSP-9	1158	0.82	0.0415	UPWIND
	STATION 23	TSP-3	408	0.29	0.0904	130 ⁽⁴⁾
15-Mar-06	STATION 1B	TSP-12	1369	0.94	0.3362	UPWIND
	STATION 14	TSP-11	1493	1.04	0.0141	3
	STATION 14	TSP-5	1211	0.84	0.0267	5
	STATION 22A	TSP-9	1356	0.94	0.0344	6
	STATION 23	TSP-3	198	0.14	0.2308	41
16-Mar-06	STATION 1B	TSP-12	743	*	*	*
	STATION 14	TSP-11	1429	1.03	0.0334	UPWIND
	STATION 14	TSP-5	1468	1.06	0.0428	UPWIND
	STATION 22A	TSP-9	1244	0.91	0.0865	121 ⁽²⁾
	STATION 23	TSP-3	361	0.26	0.1795	251 ⁽⁴⁾

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
17-Mar-06	STATION 1B	TSP-12	2	*	*	*
	STATION 14	TSP-11	1630	1.05	0.0177	UPWIND
	STATION 14	TSP-5	1696	1.09	0.0162	UPWIND
	STATION 22A	TSP-9	392	*	*	*
	STATION 23	TSP-3	413	0.27	0.0625	231 ⁽⁴⁾
20-Mar-06	STATION 1B	TSP-12	22	*	*	*
	STATION 14	TSP-11	1403	0.99	0.0599 J	UPWIND
	STATION 14	TSP-5	1473	1.04	0.0668 J	UPWIND
	STATION 22A	TSP-9	1030	0.78	0.0713 J	64
	STATION 23	TSP-3	717	0.52	0.0596 J	53
23-Mar-06	STATION 1B	TSP-12	19	*	*	*
	STATION 14	TSP-11	1596	0.96	0.0374	19
	STATION 14	TSP-5	1777	1.07	0.0294	15
	STATION 22A	TSP-9	1317	0.83	0.1172	UPWIND
	STATION 23	TSP-3	1210	0.73	0.0569	29
27-Mar-06	STATION 1B	TSP-12	21	*	*	*
	STATION 14	TSP-11	910	0.61	0.0518	**
	STATION 14	TSP-5	1508	1.01	0.0284	**
	STATION 22A	TSP-9	1115	0.84	0.0587	**
	STATION 23	TSP-3	390	*	*	*
28-Mar-06	STATION 1B	TSP-12	29	*	*	*
	STATION 14	TSP-11	970	0.66	0.0289	**
	STATION 14	TSP-5	1587	1.08	0.0306	**
	STATION 22A	TSP-9	67	*	*	*
	STATION 23	TSP-3	845	0.58	0.0505	**
29-Mar-06	STATION 1B	TSP-12	1131	0.96	0.1832	175 ⁽¹⁾
	STATION 14	TSP-11	988	0.68	0.0378	36
	STATION 22A	TSP-9	1184	0.83	0.072	69
	STATION 23	TSP-3	722	0.51	0.0627	UPWIND
30-Mar-06	STATION 1B	TSP-12	1298	0.95	0.3169	597 ⁽¹⁾
	STATION 14	TSP-11	856	0.6	0.0915	172 ⁽⁵⁾
	STATION 22A	TSP-9	1208	0.91	0.0934	176 ⁽²⁾
	STATION 23	TSP-3	807	0.57	0.0318	UPWIND
10-Apr-06	STATION 1B	TSP-12	1213	1.16	0.2031	437 ⁽⁶⁾
	STATION 14	TSP-11	1213	0.85	0.0198	43
	STATION 14	TSP-5	1512	1.06	0.0205	44
	STATION 22A	TSP-9	1318	0.91	0.0725	156 ⁽²⁾
	STATION 23	TSP-3	1088	0.78	0.0278	UPWIND
11-Apr-06	STATION 1B	TSP-12	1427	1.11	0.1041	79
	STATION 14	TSP-11	1243	0.85	0.078	59
	STATION 14	TSP-5	1462	1	0.0721	55
	STATION 22A	TSP-9	1241	0.89	0.1459	111 ⁽²⁾
	STATION 23	TSP-3	980	0.68	0.0788	UPWIND

TABLE 3.2.1

GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
12-Apr-06	STATION 1B	TSP-12	1631	1.11	0.0993	38
	STATION 14	TSP-11	1238	0.83	0.0817	32
	STATION 14	TSP-5	1520	1.02	0.0742	29
	STATION 22A	TSP-9	1303	0.89	0.155	UPWIND
	STATION 23	TSP-3	1028	0.7	0.1146	44
13-Apr-06	STATION 1B	TSP-12	1339	0.92	0.1083	58
	STATION 14	TSP-11	1125	0.84	0.0501	27
	STATION 14	TSP-5	1327	0.99	0.0589	31
	STATION 22A	TSP-9	1265	0.89	0.1121	UPWIND
	STATION 23	TSP-3	800	0.63	0.0895	48
20-Apr-06	STATION 1B	TSP-12	1568	1.07	0.0552	32
	STATION 14	TSP-11	1253	0.82	0.0472	28
	STATION 14	TSP-5	1465	0.96	0.0496	29
	STATION 22A	TSP-9	1083	0.87	0.0636	37
	STATION 23	TSP-3	766	0.51	0.1018	UPWIND
28-Apr-06	STATION 1B	TSP-12	1765	1.09	0.0669	80
	STATION 14	TSP-11	1315	0.78	0.0556	67
	STATION 22A	TSP-9	1413	0.89	0.1175	141 ⁽⁷⁾
	STATION 23	TSP-3	1320	0.79	0.0498	UPWIND
01-May-06	STATION 1B	TSP-12	1250	0.86	0.104	150 ⁽⁸⁾
	STATION 14	TSP-11	1146	0.79	0.0242	35
	STATION 14	TSP-5	1462	1.01	0.0205	30
	STATION 23	TSP-3	993	0.69	0.0415	UPWIND
02-May-06	STATION 1B	TSP-12	1749	1.17	0.0933	37
	STATION 14	TSP-11	1216	0.82	0.0248	10
	STATION 14	TSP-5	1527	1.03	0.0372	15
	STATION 22B	TSP-9	1391	0.93	0.152	UPWIND
	STATION 23	TSP-3	915	0.64	0.0664	26
03-May-06	STATION 1B	TSP-12	1003	0.7	0.1631	45
	STATION 14	TSP-11	1369	0.94	0.0446	12
	STATION 14	TSP-5	1486	1.02	0.038	10
	STATION 22B	TSP-9	1444	1	0.2174	UPWIND
	STATION 23	TSP-3	950	0.67	0.076	21
04-May-06	STATION 1B	TSP-12	884	0.66	0.0939	UPWIND
	STATION 14	TSP-11	1280	0.91	0.0323	21
	STATION 14	TSP-5	1324	0.94	0.0441	28
	STATION 22B	TSP-9	1296	0.94	0.0857	55
	STATION 23	TSP-3	910	0.63	0.0999	64
05-May-06	STATION 1B	TSP-12	1205	0.76	0.0519	UPWIND
	STATION 14	TSP-11	1420	0.89	0.0585	67
	STATION 14	TSP-5	1467	0.92	0.0596	69
	STATION 22B	TSP-9	1558	0.97	0.0829	96
	STATION 23	TSP-3	923	0.58	0.1225	141 ⁽⁵⁾

TABLE 3.2.1

**GROUP 9A TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
09-May-06	STATION 1B	TSP-12	NR	NR	NR	NR
	STATION 29	TSP-8	1231	0.92	0.0546	**
	STATION 30	TSP-1	929	0.73	0.0679	**
10-May-06	STATION 1B	TSP-12	NR	NR	NR	NR
	STATION 29	TSP-8	1403	0.95	0.0202	**
	STATION 30	TSP-1	1093	0.76	0.0212	**
12-May-06	STATION 1B	TSP-12	784	0.57	0.0452	81
	STATION 14	TSP-11	1318	0.89	0.0177	32
	STATION 14	TSP-5	1407	0.95	0.0185	33
	STATION 22B	TSP-9	1485	0.89	0.0334	UPWIND
	STATION 23	TSP-3	1217	0.72	0.0368	66
	STATION 29	TSP-8	1657	0.95	0.0293	53
	STATION 30	TSP-1	1193	0.7	0.0331	59
	STATION 31	TSP-16	1772	1.41	0.0146	26
13-May-06	STATION 1B	TSP-12	565	*	*	*
	STATION 31	TSP-16	883	*	*	*
15-May-06	STATION 31	TSP-16	1893	1.35	0.018	**
16-May-06	STATION 1B	TSP-12	914	0.59	0.1741	**
17-May-06	STATION 1B	TSP-12	796	0.57	0.1129	**
18-May-06	STATION 1B	TSP-12	791	0.59	0.0877	**

Notes:

- * Results not reported due to machine malfunction.
- ** UPWIND machine did not run, therefore percent (%) allowable not calculable.
- J The associated value is an estimated quantity.
- (1) Exceedance primarily attributed to project and Zipp traffic in Zipp parking lot.
- (2) Exceedance primarily attributed to relocating clean soil stockpile adjacent to East Parking Lot.
- (3) Exceedance primarily attributed to filling Grading Area 2.
- (4) No dust generating activities conducted in the vicinity of the air monitoring station STATION 14
- (5) No work conducted in the vicinity of the air monitoring station.
- (6) Exceedance primarily attributed to gravel and soil placement for construction of Grading Area 4 (the former Zipp lot).
- (7) Exceedance primarily attributed to excavating and stockpiling < 50 ppm material in the East Parking lot.
- (8) Exceedance primarily attributed to truck traffic along GM Drive.

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
19-May-06	STATION 1B	TSP-12	954	0.58	0.0869	**
	STATION 22B	TSP-9	1437	0.87	0.0711	**
	STATION 23	TSP-3	954	0.61	0.0611	**
	STATION 29	TSP-8	1509	0.89	0.0528	**
	STATION 30	TSP-1	87	*	*	*
	STATION 31	TSP-16	1428	1.31	0.0401	**
22-May-06	STATION 1B	TSP-12	927	0.61	0.0548	49
	STATION 14	TSP-11	1256	0.9	0.0589	UPWIND
	STATION 14	TSP-5	1268	0.91	0.0676	UPWIND
	STATION 22B	TSP-9	1339	0.89	0.0624	55
	STATION 23	TSP-3	776	0.56	0.0684	61
	STATION 29	TSP-8	1418	0.9	0.0461	41
	STATION 30	TSP-1	987	0.73	0.0428	38
	STATION 31	TSP-16	1812	1.2	0.0413	37
23-May-06	STATION 1B	TSP-12	935	0.68	0.0718	67
	STATION 14	TSP-11	1389	0.92	0.0551	51
	STATION 14	TSP-5	1402	0.93	0.0524	49
	STATION 22B	TSP-9	1279	0.93	0.0686 J	64
	STATION 23	TSP-3	974	0.66	0.0496 J	46
	STATION 29	TSP-8	1295	0.96	0.0643 J	UPWIND
	STATION 30	TSP-1	1135	0.76	0.08	75
	STATION 31	TSP-16	1863	1.34	0.0691	64
24-May-06	STATION 1B	TSP-12	1780	1.14	0.1049	126 ⁽¹⁾
	STATION 14	TSP-11	1237	0.9	0.0721	87
	STATION 14	TSP-5	1334	0.97	0.0643	77
	STATION 22B	TSP-9	2110	1.38	0.0499	UPWIND
	STATION 23	TSP-3	960	0.71	0.0608	73
	STATION 29	TSP-8	1511	0.93	0.0719	86
	STATION 30	TSP-1	1034	0.73	0.0734	88
	STATION 31	TSP-16	1940	1.26	0.042	50
25-May-06	STATION 1B	TSP-12	1410	1.1	0.0799	83
	STATION 14	TSP-11	1193	0.87	0.0581	60
	STATION 14	TSP-5	1315	0.96	0.0637	66
	STATION 22B	TSP-9	1560	1.29	0.0576	UPWIND
	STATION 23	TSP-3	843	0.62	0.0706	73
	STATION 29	TSP-8	1230	0.94	0.0711	74
	STATION 30	TSP-1	968	0.71	0.0799	83
	STATION 31	TSP-16	416	*	*	*
30-May-06	STATION 1B	TSP-12	1588	1.08	0.0773	44
	STATION 14	TSP-11	1380	0.95	0.0638	36
	STATION 14	TSP-5	1454	1	0.0587	34
	STATION 22B	TSP-9	2084	1.33	0.0436	25
	STATION 23	TSP-3	851	0.59	0.0766	44
	STATION 29	TSP-8	1328	0.9	0.1047	UPWIND
	STATION 30	TSP-1	1017	0.69	0.0572	33
	STATION 31	TSP-16	1242	0.84	0.074	42

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
31-May-06	STATION 1B	TSP-12	1615	1.12	0.0695	34
	STATION 14	TSP-11	1441	0.97	0.0713	35
	STATION 14	TSP-5	1411	0.95	0.0629	31
	STATION 22B	TSP-9	1852	1.37	0.0454	22
	STATION 23	TSP-3	728	0.5	0.1059	52
	STATION 29	TSP-8	1370	0.94	0.1214	UPWIND
	STATION 30	TSP-1	1066	0.72	0.0655	32
	STATION 31	TSP-16	1191	0.82	0.0765	38
01-Jun-06	STATION 1B	TSP-12	1596	1.11	0.0493	42
	STATION 14	TSP-11	1358	0.97	0.0644	UPWIND
	STATION 14	TSP-5	1329	0.95	0.0709	UPWIND
	STATION 22B	TSP-9	1939	1.36	0.0464	39
	STATION 23	TSP-3	707	0.5	0.1184	100 ⁽²⁾
	STATION 29	TSP-8	1199	0.82	0.1261	107 ⁽³⁾
	STATION 30	TSP-1	1140	0.81	0.0611	52
	STATION 31	TSP-16	1280	0.9	0.0406	34
02-Jun-06	STATION 1B	TSP-12	1647	1.11	0.0326	32
	STATION 14	TSP-11	1440	0.98	0.0572	UPWIND
	STATION 14	TSP-5	1380	0.94	0.0609	UPWIND
	STATION 22B	TSP-9	1956	1.34	0.0451	44
	STATION 23	TSP-3	895	0.61	0.0555	55
	STATION 29	TSP-8	1284	0.84	0.0379	37
	STATION 30	TSP-1	1270	0.86	0.0404	40
	STATION 31	TSP-16	1350	0.91	0.0376	37
05-Jun-06	STATION 1B	TSP-12	1566	1.08	0.0321	35
	STATION 14	TSP-11	1362	0.93	0.0566	UPWIND
	STATION 14	TSP-5	1405	0.96	0.0547	UPWIND
	STATION 22B	TSP-9	2018	1.38	0.0538	59
	STATION 23	TSP-3	1282	0.89	0.0333	36
	STATION 29	TSP-8	956	0.65	0.0521	57
	STATION 30	TSP-1	1089	0.74	0.0667	73
	STATION 31	TSP-16	1355	0.93	0.0637	70
06-Jun-06	STATION 1B	TSP-12	1617	1.08	0.1007	84
	STATION 14	TSP-11	1546	1.01	0.0752	63
	STATION 14	TSP-5	1454	0.95	0.0803	67
	STATION 22B	TSP-9	1994	1.36	0.0699	59
	STATION 23	TSP-3	1006	0.67	0.0678	57
	STATION 29	TSP-8	1244	0.86	0.0714	UPWIND
	STATION 30	TSP-1	1192	0.85	0.0868	73
	STATION 31	TSP-16	1216	0.86	0.0799	67

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
07-Jun-06	STATION 1B	TSP-12	1523	1.11	0.0486	71
	STATION 14	TSP-11	1334	0.96	0.041	60
	STATION 14	TSP-5	1293	0.93	0.0444	65
	STATION 22B	TSP-9	1916	1.35	0.0501	74
	STATION 23	TSP-3	830	0.61	0.0752	110 ⁽⁴⁾
	STATION 29	TSP-8	1152	0.78	0.0408	UPWIND
	STATION 30	TSP-1	1249	0.82	0.0484	71
	STATION 31	TSP-16	467	*	*	*
08-Jun-06	STATION 1B	TSP-12	1302	0.89	0.047	54
	STATION 14	TSP-11	1322	0.97	0.0578	UPWIND
	STATION 14	TSP-5	1343	0.98	0.0517	UPWIND
	STATION 22B	TSP-9	1382	0.95	0.0517	60
	STATION 23	TSP-3	891	0.67	0.0569	66
	STATION 29	TSP-8	1363	0.87	0.0426	49
	STATION 30	TSP-1	513	*	*	*
	STATION 31	TSP-16	1210	0.82	0.095	110 ⁽⁴⁾
09-Jun-06	STATION 1B	TSP-12	1171	0.84	0.0681	59
	STATION 14	TSP-11	1373	0.97	0.0597	UPWIND
	STATION 14	TSP-5	1279	0.91	0.069	UPWIND
	STATION 22B	TSP-9	1293	0.93	0.0681	59
	STATION 23	TSP-3	1154	0.83	0.0378	33
	STATION 29	TSP-8	1224	0.86	0.0391	34
	STATION 30	TSP-1	1145	0.81	0.0561	49
	STATION 31	TSP-16	1288	0.92	0.0638	55
10-Jun-06	STATION 1B	TSP-12	522	*	*	*
	STATION 14	TSP-11	583	*	*	*
	STATION 14	TSP-5	572	*	*	*
	STATION 22B	TSP-9	501	*	*	*
	STATION 23	TSP-3	362	*	*	*
	STATION 29	TSP-8	468	*	*	*
	STATION 30	TSP-1	292	*	*	*
	STATION 31	TSP-16	509	*	*	*
12-Jun-06	STATION 1B	TSP-12	1337	0.81	0.0462	67
	STATION 14	TSP-11	1494	1.02	0.0386	UPWIND
	STATION 14	TSP-5	1377	0.94	0.0415	UPWIND
	STATION 22B	TSP-9	1379	0.89	0.0616	89
	STATION 23	TSP-3	1168	0.67	0.0566	82
	STATION 29	TSP-8	1218	0.71	0.0345	50
	STATION 30	TSP-1	4	*	*	*
	STATION 31	TSP-16	1254	0.81	0.0949	137 ⁽⁴⁾

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
13-Jun-06	STATION 1B	TSP-12	1042	0.84	0.0647	91
	STATION 14	TSP-11	1397	0.92	0.0278	UPWIND
	STATION 14	TSP-5	1426	0.94	0.0426	UPWIND
	STATION 22B	TSP-9	1278	0.94	0.0738	104 ⁽⁴⁾
	STATION 23	TSP-3	919	0.74	0.0631	89
	STATION 29	TSP-8	981	0.84	0.0382	54
	STATION 30	TSP-1	957	0.86	0.0404	57
	STATION 31	TSP-16	1221	0.88	0.1496	210 ⁽⁴⁾
14-Jun-06	STATION 1B	TSP-12	1110	0.84	0.0841	85
	STATION 14	TSP-11	1210	0.89	0.0534	UPWIND
	STATION 14	TSP-5	1249	0.92	0.0589	UPWIND
	STATION 22B	TSP-9	1238	0.92	0.1083	110 ⁽⁴⁾
	STATION 23	TSP-3	803	0.6	0.074	75
	STATION 29	TSP-8	1352	0.92	0.0564	57
	STATION 30	TSP-1	1155	0.82	0.0624	63
	STATION 31	TSP-16	1157	0.86	0.0978	99
15-Jun-06	STATION 1B	TSP-12	1313	0.89	0.2136	168 ⁽⁵⁾
	STATION 14	TSP-11	1298	0.9	0.0994	78
	STATION 14	TSP-5	1314	0.91	0.1002	79
	STATION 22B	TSP-9	1411	0.92	0.079	62
	STATION 23	TSP-3	286	*	*	*
	STATION 29	TSP-8	1348	0.92	0.0763	UPWIND
	STATION 30	TSP-1	1160	0.81	0.0734	58
	STATION 31	TSP-16	1184	0.81	0.1497	117 ⁽⁴⁾
16-Jun-06	STATION 1B	TSP-12	1175	0.84	0.2638	304 ⁽⁵⁾
	STATION 14	TSP-11	1276	0.9	0.0731	84
	STATION 14	TSP-5	1318	0.93	0.0774	89
	STATION 22B	TSP-9	1236	0.92	0.0725	84
	STATION 23	TSP-3	13	*	*	*
	STATION 29	TSP-8	1318	0.92	0.0519	UPWIND
	STATION 30	TSP-1	1153	0.81	0.0709	82
	STATION 31	TSP-16	1139	0.81	0.1169	135 ⁽⁴⁾
17-Jun-06	STATION 1B	TSP-12	1359	0.83	0.177	169 ⁽⁵⁾
	STATION 14	TSP-11	1431	0.91	0.0348	33
	STATION 14	TSP-5	1430	0.91	0.0518	50
	STATION 22B	TSP-9	1490	0.91	0.0626	UPWIND
	STATION 29	TSP-8	1525	0.91	0.056	54
	STATION 30	TSP-1	1286	0.81	0.0868	83
	STATION 31	TSP-16	1311	0.8	0.0629	60

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
19-Jun-06	STATION 1B	TSP-12	1114	0.8	0.123	121 ⁽⁵⁾
	STATION 14	TSP-11	1194	0.84	0.0456	45
	STATION 14	TSP-5	1222	0.86	0.0459	45
	STATION 22B	TSP-9	1331	0.95	0.0609	UPWIND
	STATION 23	TSP-3	1256	0.92	0.0498	49
	STATION 29	TSP-8	1250	0.88	0.055	54
	STATION 30	TSP-1	1097	0.77	0.0549	54
	STATION 31	TSP-16	1218	0.87	0.0491	48
20-Jun-06	STATION 14	TSP-11	1283	0.88	0.0536	38
	STATION 14	TSP-5	1293	0.89	0.0561	40
	STATION 22B	TSP-9	1621	0.96	0.0835	UPWIND
	STATION 23	TSP-3	1343	0.96	0.0572	41
	STATION 29	TSP-8	1323	0.91	0.0661	47
	STATION 30	TSP-1	1176	0.8	0.0571	41
	STATION 31	TSP-16	1182	0.82	0.062	44
21-Jun-06	STATION 1C	TSP-12	742	0.66	0.1716	122 ⁽⁵⁾
	STATION 14	TSP-11	1248	0.88	0.0772	55
	STATION 14	TSP-5	1278	0.9	0.0864	62
	STATION 22B	TSP-9	1342	0.97	0.084	UPWIND
	STATION 23	TSP-3	1340	0.95	0.0726	52
	STATION 29	TSP-8	1486	0.9	0.123	88
	STATION 30	TSP-1	1158	0.8	0.0959	68
	STATION 31	TSP-16	1158	0.79	0.0129	9
22-Jun-06	STATION 1C	TSP-12	1154	0.81	0.0939	91
	STATION 14	TSP-11	1335	0.93	0.0553	54
	STATION 14	TSP-5	1278	0.89	0.0667	65
	STATION 22B	TSP-9	1435	0.96	0.0617	UPWIND
	STATION 23	TSP-3	1309	0.93	0.0731	71
	STATION 29	TSP-8	1376	0.91	0.062	60
	STATION 30	TSP-1	1174	0.81	0.0575	56
	STATION 31	TSP-16	1120	0.78	0.0646	63
23-Jun-06	STATION 1C	TSP-12	1249	0.91	0.0392	57
	STATION 14	TSP-11	1395	0.97	0.0338	UPWIND
	STATION 14	TSP-5	1392	0.97	0.0409	UPWIND
	STATION 22B	TSP-9	1151	0.97	0.0602	88
	STATION 23	TSP-3	586	*	*	*
	STATION 29	TSP-8	1048	0.9	0.0344	50
	STATION 30	TSP-1	1260	0.87	0.0209	31
	STATION 31	TSP-16	1120	0.82	0.0739	108 ⁽⁴⁾
24-Jun-06	STATION 1C	TSP-12	1093	0.77	0.0554	55
	STATION 14	TSP-11	1272	0.87	0.0616	UPWIND
	STATION 14	TSP-5	1362	0.93	0.0599	UPWIND
	STATION 22B	TSP-9	1361	0.97	0.0699	70
	STATION 23	TSP-3	0	*	*	*
	STATION 29	TSP-8	1297	0.9	0.0465	46
	STATION 30	TSP-1	1238	0.86	0.0426	43
	STATION 31	TSP-16	1274	0.89	0.0827	83

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
26-Jun-06	STATION 1C	TSP-12	1044	0.78	0.0839	87
	STATION 14	TSP-11	1243	0.85	0.0507	52
	STATION 14	TSP-5	1256	0.86	0.0515	53
	STATION 22B	TSP-9	1302	0.93	0.0624	65
	STATION 29	TSP-8	1131	0.86	0.0579	UPWIND
	STATION 30	TSP-1	1223	0.83	0.038	39
	STATION 31	TSP-16	1159	0.86	0.0728	75
27-Jun-06	STATION 1C	TSP-12	1192	0.83	0.1694	163 ⁽⁵⁾
	STATION 14	TSP-11	1332	0.92	0.0572	55
	STATION 14	TSP-5	1332	0.92	0.0589	57
	STATION 22B	TSP-9	1350	0.97	0.1087	105 ⁽⁶⁾
	STATION 29	TSP-8	1358	0.94	0.0703	68
	STATION 30	TSP-1	1226	0.86	0.0484	47
	STATION 31	TSP-16	1199	0.83	0.0622	UPWIND
28-Jun-06	STATION 1C	TSP-12	1189	0.83	0.1779	118 ⁽⁵⁾
	STATION 14	TSP-11	1357	0.92	0.0474	31
	STATION 14	TSP-5	1355	0.92	0.0496	33
	STATION 22B	TSP-9	1402	0.97	0.0904	UPWIND
	STATION 23	TSP-3	1110	0.92	0.0803	53
	STATION 29	TSP-8	1259	0.87	0.0901	60
	STATION 30	TSP-1	1265	0.86	0.045	30
	STATION 31	TSP-16	1194	0.83	0.0614	41
29-Jun-06	STATION 1C	TSP-12	1191	0.83	0.1082	107 ⁽⁵⁾
	STATION 14	TSP-11	1406	0.92	0.0546	UPWIND
	STATION 14	TSP-5	1377	0.9	0.0606	UPWIND
	STATION 22B	TSP-9	1319	0.91	0.1029	102 ⁽⁴⁾
	STATION 23	TSP-3	1283	0.92	0.0686	68
	STATION 29	TSP-8	1392	0.96	0.0545	54
	STATION 30	TSP-1	1258	0.87	0.0417	41
	STATION 31	TSP-16	1198	0.85	0.0908	90
30-Jun-06	STATION 1C	TSP-12	1500	0.88	0.1177	82
	STATION 14	TSP-11	1332	0.9	0.0637	45
	STATION 14	TSP-5	1363	0.92	0.0643	45
	STATION 22B	TSP-9	1541	0.91	0.0857	UPWIND
	STATION 23	TSP-3	1437	0.92	0.0588	41
	STATION 29	TSP-8	1581	0.9	0.0662	46
	STATION 30	TSP-1	1359	0.87	0.0699	49
03-Jul-06	STATION 31	TSP-16	1405	0.83	0.0806	56
	STATION 1C	TSP-12	1293	0.8	0.1259	93
	STATION 14	TSP-11	1799	0.97	0.0565	42
	STATION 14	TSP-5	1663	0.96	0.0384	28
	STATION 22B	TSP-9	1392	0.87	0.0815	UPWIND
	STATION 23	TSP-3	1721	1	0.0679	50
	STATION 29	TSP-8	1407	0.85	0.0828	61
	STATION 30	TSP-1	3	*	*	*
03-Jul-06	STATION 31	TSP-16	1314	0.82	0.0744	55

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
05-Jul-06	STATION 1C	TSP-12	919	0.72	0.069	82
	STATION 14	TSP-11	1565	1.08	0.0231	UPWIND
	STATION 14	TSP-5	1290	0.89	0.0505	UPWIND
	STATION 22B	TSP-9	1137	0.88	0.0898	106
	STATION 23	TSP-3	1507	1.06	0.05	59
	STATION 29	TSP-8	1264	0.91	0.0305	36
	STATION 30	TSP-1	4	*	*	*
	STATION 31	TSP-16	1106	0.85	0.0841	100 ⁽⁴⁾
06-Jul-06	STATION 1C	TSP-12	1241	0.81	0.0493	61
	STATION 14	TSP-11	1623	1.09	0.0404	UPWIND
	STATION 14	TSP-5	1448	0.97	0.0484	UPWIND
	STATION 22B	TSP-9	1437	0.92	0.0869	108 ⁽⁴⁾
	STATION 23	TSP-3	1554	1.07	0.0244	30
	STATION 29	TSP-8	1384	0.96	0.0516	64
	STATION 30	TSP-1	1248	0.96	0.027	33
	STATION 31	TSP-16	1231	0.84	0.1094	135 ⁽⁴⁾
07-Jul-06	STATION 1C	TSP-12	1040	0.8	0.0312	41
	STATION 14	TSP-11	1550	1.09	0.0344	UPWIND
	STATION 14	TSP-5	1294	0.91	0.0457	UPWIND
	STATION 22B	TSP-9	1252	0.92	0.16	210 ⁽⁴⁾
	STATION 23	TSP-3	1458	1.02	0.0396	52
	STATION 29	TSP-8	1341	0.97	0.0257	34
	STATION 30	TSP-1	1165	0.82	0.0489	64
	STATION 31	TSP-16	1154	0.89	0.0764	100 ⁽⁴⁾
08-Jul-06	STATION 1C	TSP-12	1256	0.8	0.1763 J	239 ⁽⁴⁾
	STATION 14	TSP-11	1763	1.15	0.04 J	54
	STATION 14	TSP-5	1424	0.93	0.0581 J	79
	STATION 22B	TSP-9	1427	0.95	0.0672 J	91
	STATION 23	TSP-3	1391	0.95	0.0597 J	81
	STATION 29	TSP-8	1456	0.95	0.0442 J	UPWIND
	STATION 30	TSP-1	1228	0.81	0.0628 J	85
	STATION 31	TSP-16	1316	0.83	0.1065 J	144 ⁽⁴⁾
10-Jul-06	STATION 1C	TSP-12	997	0.7	0.1099	86
	STATION 14	TSP-11	1366	0.95	0.0592	46
	STATION 14	TSP-5	1324	0.92	0.0514	40
	STATION 22B	TSP-9	1227	0.86	0.0769	UPWIND
	STATION 23	TSP-3	1174	0.84	0.0575	45
	STATION 29	TSP-8	1283	0.89	0.0627	49
	STATION 30	TSP-1	1098	0.77	0.0805	63
	STATION 31	TSP-16	1174	0.82	0.0721	56
17-Jul-06	STATION 1C	TSP-12	1088	0.75	0.0867	62
	STATION 14	TSP-11	1401	0.97	0.0594	42
	STATION 14	TSP-5	1312	0.91	0.0607	43
	STATION 22B	TSP-9	1237	0.86	0.084	UPWIND
	STATION 23	TSP-3	1196	0.83	0.0735	52
	STATION 29	TSP-8	1269	0.87	0.0735	52
	STATION 30	TSP-1	17	*	*	*
	STATION 31	TSP-16	1205	0.82	0.0841	60

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
18-Jul-06	STATION 1C	TSP-12	1106	0.78	0.0023	**
	STATION 14	TSP-11	436	*	*	*
	STATION 14	TSP-5	457	*	*	*
	STATION 22B	TSP-9	1130	0.8	0.1603	**
	STATION 23	TSP-3	1365	0.98	0.076	**
	STATION 29	TSP-8	1292	0.9	0.0685	**
	STATION 30	TSP-1	792	0.78	0.09	**
	STATION 31	TSP-16	1150	0.8	0.1131	**
19-Jul-06	STATION 14	TSP-11	1436	0.97	0.0841	58
	STATION 22B	TSP-9	1240	0.85	0.105	73
	STATION 23	TSP-3	1389	0.96	0.0896	62
	STATION 29	TSP-8	1335	0.9	0.0866	UPWIND
	STATION 30	TSP-1	1174	0.8	0.0958	66
	STATION 31	TSP-16	1178	0.8	0.153	106 ⁽⁴⁾
20-Jul-06	STATION 1C	TSP-12	1178	0.8	0.0789	66
	STATION 14	TSP-11	1194	0.86	0.0729	61
	STATION 14	TSP-5	1291	0.93	0.0649	54
	STATION 22B	TSP-9	1267	0.83	0.0997	83
	STATION 23	TSP-3	1064	0.79	0.0914	76
	STATION 29	TSP-8	1442	0.92	0.0716	UPWIND
	STATION 30	TSP-1	1109	0.8	0.0814	68
	STATION 31	TSP-16	1134	0.78	0.0802	67
21-Jul-06	STATION 1C	TSP-12	1124	0.83	0.052	60
	STATION 14	TSP-11	1182	0.86	0.057	UPWIND
	STATION 14	TSP-5	1304	0.95	0.0518	UPWIND
	STATION 22B	TSP-9	1164	0.86	0.0519	60
	STATION 23	TSP-3				
	STATION 29	TSP-8	1238	0.9	0.0536	62
	STATION 30	TSP-1	1094	0.8	0.0512	59
	STATION 31	TSP-16	1259	0.93	0.0237	27
22-Jul-06	STATION 1C	TSP-12	1662	0.95	0.0278	82
	STATION 14	TSP-11	1411	0.83	0.0322	UPWIND
	STATION 14	TSP-5	1634	0.96	0.0204	UPWIND
	STATION 22B	TSP-9				
	STATION 23	TSP-3				
	STATION 29	TSP-8	1582	0.91	0.0273	80
	STATION 30	TSP-1	1408	0.81	0.0276	81
	STATION 31	TSP-16	1518	0.86	0.0295	87
24-Jul-06	STATION 1C	TSP-12	1125	0.84	0.0421	39
	STATION 14	TSP-11	1108	0.87	0.0562	52
	STATION 14	TSP-5	1172	0.92	0.0529	49
	STATION 22B	TSP-9	1073	0.79	0.077	72
	STATION 23	TSP-3				
	STATION 29	TSP-8	1314	0.95	0.0644	UPWIND
	STATION 30	TSP-1	1132	0.92	0.0107	10
	STATION 31	TSP-16	1138	0.85	0.0773	72

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
25-Jul-06	STATION 14					
	STATION 1C	TSP-12	1289	0.88	0.0874	45
	STATION 14	TSP-11	1312	0.86	0.0723	37
	STATION 14	TSP-5	1324	0.95	0.0725	37
	STATION 22B	TSP-9	1235	0.84	0.1161	UPWIND
	STATION 23	TSP-3	1067	0.79	0.0991	51
	STATION 29	TSP-8	1428	0.96	0.0884	46
	STATION 30	TSP-1	1268	0.92	0.0677	35
26-Jul-06	STATION 31	TSP-16	1251	0.85	0.0845	44
	STATION 1C	TSP-12	1291	0.87	0.0787	50
	STATION 14	TSP-11	1300	0.88	0.0771	49
	STATION 14	TSP-5	1383	0.93	0.0645	41
	STATION 22B	TSP-9	1241	0.82	0.0943	UPWIND
	STATION 23	TSP-3	1108	0.78	0.0702	45
	STATION 29	TSP-8	1452	0.94	*	*
	STATION 30	TSP-1	1348	0.91	0.1115	71
28-Jul-06	STATION 31	TSP-16	1228	0.82	0.082	52
	STATION 1C	TSP-12	1057	0.75	0.0702	46
	STATION 14	TSP-11	1223	0.84	0.0459	30
	STATION 14	TSP-5	1371	0.94	0.0441	29
	STATION 22B	TSP-9	495	0.35	0.0923	UPWIND
	STATION 23	TSP-3	1186	0.83	0.0617	40
	STATION 29	TSP-8	1063	0.74	0.0685	44
	STATION 30	TSP-1	1282	0.89	0.0542	35
29-Jul-06	STATION 31	TSP-16	1177	0.83	0.039	25
	STATION 1C	TSP-12	1276	0.88	0.0614	40
	STATION 14	TSP-11	1226	0.84	0.0662	43
	STATION 14	TSP-5	1477	1.01	0.0538	35
	STATION 22B	TSP-9	1187	0.81	0.093	UPWIND
	STATION 23	TSP-3	1150	0.81	0.0863	56
	STATION 29	TSP-8	1144	0.77	0.0853	55
	STATION 30	TSP-1	1357	0.94	0.0629	40
31-Jul-06	STATION 31	TSP-16	1143	0.78	0.073	47
	STATION 1C	TSP-12	1218	0.88	0.0632	53
	STATION 14	TSP-11	1363	0.98	0.0836	71
	STATION 14	TSP-5	1739	1.25	ND	*
	STATION 22B	TSP-9	1320	0.94	0.0735	62
	STATION 23	TSP-3	1195	0.88	0.0837	71
	STATION 29	TSP-8	1172	0.82	0.0708	UPWIND
	STATION 30	TSP-1	1271	0.92	0.0488	41
01-Aug-06	STATION 31	TSP-16	1255	0.9	0.059	50
	STATION 1C	TSP-12	1342	0.92	0.0537	36
	STATION 14	TSP-11	1504	1.02	0.0592	40
	STATION 14	TSP-5	1824	1.24	0.0471	32
	STATION 22B	TSP-9	1329	0.92	0.0895	UPWIND
	STATION 23	TSP-3	1189	0.84	0.0732	49
	STATION 29	TSP-8	1192	0.8	0.0956	64
	STATION 30	TSP-1	1307	0.9	0.0765	51
	STATION 31	TSP-16	1147	0.78	0.0802	54

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
02-Aug-06	STATION 1C	TSP-12	1269	0.88	0.0749	55
	STATION 14	TSP-11	1501	1.02	0.0546	40
	STATION 14	TSP-5	1812	1.23	0.0375	27
	STATION 22B	TSP-9	1393	0.94	0.0818	UPWIND
	STATION 23	TSP-3	1214	0.84	0.0774	57
	STATION 29	TSP-8	1039	0.71	0.0982	72
	STATION 30	TSP-1	1292	0.9	0.0766	56
	STATION 31	TSP-16	1177	0.81	0.0663	49
03-Aug-06	STATION 1C	TSP-12	1143	0.79	0.0744	40
	STATION 14	TSP-11	1489	1.02	0.0564	30
	STATION 14	TSP-5	1793	1.23	0.048	26
	STATION 22B	TSP-9	1227	0.85	0.1108	UPWIND
	STATION 23	TSP-3	1375	0.95	0.0916	50
	STATION 29	TSP-8	1116	0.77	0.1918	104 ⁽⁶⁾
	STATION 30	TSP-1	1117	0.78	0.0734	40
	STATION 31	TSP-16	1052	0.77	0.0846	46
04-Aug-06	STATION 1C	TSP-12	1269	0.89	0.0244	83
	STATION 14	TSP-11	1321	1.03	0.0341 J	UPWIND
	STATION 14	TSP-5	1590	1.24	0.0176 J	UPWIND
	STATION 22B	TSP-9	1326	0.91	0.0762	259 ⁽⁴⁾
	STATION 23	TSP-3	1243	0.87	0.0378	129 ⁽²⁾
	STATION 29	TSP-8	1192	0.81	0.0394	134 ⁽⁶⁾
	STATION 30	TSP-1	1167	0.84	0.0171	58
	STATION 31	TSP-16	1146	0.8	0.0672	229 ⁽⁴⁾
05-Aug-06	STATION 1C	TSP-12	1432	0.88	0.0377	98
	STATION 14	TSP-11	1632	1.03	0.0423 J	UPWIND
	STATION 14	TSP-5	1950	1.23	0.0231 J	UPWIND
	STATION 22B	TSP-9	1595	0.96	0.0571	148 ⁽⁴⁾
	STATION 23	TSP-3	1301	0.83	0.0523	136 ⁽²⁾
	STATION 29	TSP-8	1180	0.7	0.061	158 ⁽⁶⁾
	STATION 30	TSP-1	1305	0.82	0.0743	193 ⁽⁷⁾
	STATION 31	TSP-16	1262	0.77	0.1577	409 ⁽⁴⁾
07-Aug-06	STATION 1C	TSP-12	1250	0.86	0.064	106 ⁽⁴⁾
	STATION 14	TSP-11	1430	0.99	0.0552	UPWIND
	STATION 14	TSP-5	1747	1.21	0.0361	UPWIND
	STATION 22B	TSP-9	1353	0.91	0.0739	123 ⁽⁴⁾
	STATION 23	TSP-3	1217	0.86	0.0871	144 ⁽²⁾
	STATION 29	TSP-8	990	0.66	0.1253	208 ⁽⁶⁾
	STATION 30	TSP-1	1045	0.72	0.0612	102 ⁽⁷⁾
	STATION 31	TSP-16	1180	0.8	0.072	119 ⁽⁴⁾

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
08-Aug-06	STATION 1C	TSP-12	886	0.74	0.0429	85
	STATION 14	TSP-11	1213	1.01	0.0322	UPWIND
	STATION 14	TSP-5	1429	1.19	0.0301	UPWIND
	STATION 22B	TSP-9	1074	0.89	0.0615	122 ⁽⁴⁾
	STATION 23	TSP-3	773	0.71	0.0414	82
	STATION 29	TSP-8	770	0.63	0.0429	85
	STATION 30	TSP-1	908	0.76	0.0385	77
	STATION 31	TSP-16	1042	0.87	0.0345	69
10-Aug-06	STATION 1C	TSP-12	1126	0.8	0.0533	80
	STATION 14	TSP-11	1329	0.96	0.0346	UPWIND
	STATION 14	TSP-5	1302	0.94	0.0399	UPWIND
	STATION 22B	TSP-9	1365	1.03	0.0498	75
	STATION 23	TSP-3	1175	0.86	0.0451	68
	STATION 29	TSP-8	899	0.67	0.0356	53
	STATION 30	TSP-1	1132	0.82	0.0362	54
	STATION 31	TSP-16	1089	0.81	0.0505	76
11-Aug-06	STATION 1C	TSP-12	1405	1.01	0.0413	53
	STATION 14	TSP-11	1377	0.95	0.0552	UPWIND
	STATION 14	TSP-5	1392	0.96	0.0467	UPWIND
	STATION 22B	TSP-9	1456	1.01	0.0446	57
	STATION 23	TSP-3	1176	0.83	0.0595	76
	STATION 29	TSP-8	932	0.64	0.0515	66
	STATION 30	TSP-1	1178	0.82	0.034	44
	STATION 31	TSP-16	1239	0.86	0.0428	55
12-Aug-06	STATION 1C	TSP-12	1800	1.02	0.0167	49
	STATION 14	TSP-11	1634	0.96	0.0386 J	UPWIND
	STATION 14	TSP-5	1699	1	0.0206 J	UPWIND
	STATION 22B	TSP-9	1690	0.98	0.0396	115 ⁽⁴⁾
	STATION 23	TSP-3	769	0.46	0.0598	174 ⁽²⁾
	STATION 29	TSP-8	1236	0.71	0.021	61
	STATION 30	TSP-1	1401	0.83	0.0457	133 ⁽⁸⁾
	STATION 31	TSP-16	1499	0.88	0.042	122 ⁽⁴⁾
14-Aug-06	STATION 1C	TSP-12	1026	0.73	0.0507	63
	STATION 14	TSP-11	1184	0.84	0.0524	65
	STATION 14	TSP-5	1197	0.85	0.0618	77
	STATION 22B	TSP-9	1355	0.97	0.048	UPWIND
	STATION 23	TSP-3	1100	0.79	0.07	87
	STATION 29	TSP-8	1075	0.76	0.0558	70
	STATION 30	TSP-1	1175	0.84	0.0494	62
	STATION 31	TSP-16	175	*	*	*
15-Aug-06	STATION 1C	TSP-12	1010	0.71	0.0307	17
	STATION 14	TSP-11	1378	0.96	0.0356 J	UPWIND
	STATION 14	TSP-5	1432	1	0.1068 J	UPWIND
	STATION 22B	TSP-9	1464	1.02	0.0546	31
	STATION 23	TSP-3	1139	0.81	0.0536	30
	STATION 29	TSP-8	1412	0.98	0.0191	11
	STATION 30	TSP-1	1255	0.88	0.0582	33
	STATION 31	TSP-16	325	*	*	*

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
16-Aug-06	STATION 1C	TSP-12	874	0.65	0.0629	173 ⁽⁴⁾
	STATION 14	TSP-11	1363	0.96	0.0455 J	UPWIND
	STATION 14	TSP-5	1420	1	0.0218 J	UPWIND
	STATION 22B	TSP-9	1366	1.02	0.0483	133 ⁽¹⁾
	STATION 23	TSP-3	1142	0.82	0.042	115 ⁽²⁾
	STATION 29	TSP-8	1260	0.86	0.0317	87
	STATION 30	TSP-1	1251	0.89	0.1143	314 ⁽⁸⁾
	STATION 31	TSP-16	1069	0.89	0.0393	108 ⁽⁴⁾
17-Aug-06	STATION 1C	TSP-12	467	*	*	*
	STATION 14	TSP-11	1369	0.95	0.0628	87
	STATION 14	TSP-5	1340	0.93	0.0672	93
	STATION 22B	TSP-9	711	*	*	*
	STATION 23	TSP-3	1105	0.79	0.0561	77
	STATION 29	TSP-8	1221	0.85	0.0434	UPWIND
	STATION 30	TSP-1	1250	0.88	0.2256	311 ⁽⁸⁾
	STATION 31	TSP-16	4	*	*	*
18-Aug-06	STATION 1C	TSP-12	435	*	*	*
	STATION 14	TSP-11	1334	0.95	0.0652	76
	STATION 14	TSP-5	1307	0.93	0.065	76
	STATION 22B	TSP-9	688	*	*	*
	STATION 23	TSP-3	940	0.67	0.0617	72
	STATION 29	TSP-8	1287	0.85	0.0513	UPWIND
	STATION 30	TSP-1	1211	0.87	0.1387	162 ⁽⁸⁾
	STATION 31	TSP-16	638	*	*	*
19-Aug-06	STATION 1C	TSP-12	353	*	*	*
	STATION 14	TSP-11	1309	0.95	0.0481	UPWIND
	STATION 14	TSP-5	1309	0.95	0.0466	UPWIND
	STATION 22B	TSP-9	671	*	*	*
	STATION 23	TSP-3	1139	0.82	0.0781	100 ⁽²⁾
	STATION 29	TSP-8	1013	0.75	0.0731	94
	STATION 30	TSP-1	1137	0.84	0.0607	78
	STATION 31	TSP-16	573	*	*	*
21-Aug-06	STATION 1C	TSP-12	756	0.5	0.0807	95
	STATION 14	TSP-11	1381	0.94	0.0587	UPWIND
	STATION 14	TSP-5	1428	0.97	0.0511	UPWIND
	STATION 22B	TSP-9	1536	1	0.0658	77
	STATION 23	TSP-3	1165	0.82	0.0609	71
	STATION 29	TSP-8	1045	0.77	0.0498	58
	STATION 30	TSP-1	1209	0.83	0.1803	211 ⁽⁸⁾
	STATION 31	TSP-16	1292	0.84	0.0906	106 ⁽⁴⁾

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
22-Aug-06	STATION 1C	TSP-12	817	0.58	0.0661	56
	STATION 14	TSP-11	1249	0.89	0.0633	UPWIND
	STATION 14	TSP-5	1304	0.93	0.0713	UPWIND
	STATION 22B	TSP-9	959	0.68	0.1397	117 ⁽⁴⁾
	STATION 23	TSP-3	1144	0.83	0.0778	65
	STATION 29	TSP-8	1179	0.83	0.056	47
	STATION 30	TSP-1	1226	0.89	0.4307	362 ⁽⁸⁾
	STATION 31	TSP-16	1176	0.84	0.0969	81
23-Aug-06	STATION 1C	TSP-12	859	0.57	0.1234	120 ⁽⁴⁾
	STATION 14	TSP-11	1291	0.88	0.0883	UPWIND
	STATION 14	TSP-5	1366	0.93	0.0615	UPWIND
	STATION 22B	TSP-9	1088	0.76	0.1232	120 ⁽⁴⁾
	STATION 23	TSP-3	1077	0.74	0.0854	83
	STATION 29	TSP-8	965	0.67	0.1098	107 ⁽⁶⁾
	STATION 30	TSP-1	1222	0.85	0.563	548 ⁽⁸⁾
	STATION 31	TSP-16	1271	0.92	0.0732	71
24-Aug-06	STATION 1C	TSP-12	781	0.57	0.1293	81
	STATION 14	TSP-11	1269	0.88	0.2025	127 ⁽⁹⁾
	STATION 14	TSP-5	1312	0.91	0.1974	124 ⁽⁹⁾
	STATION 22B	TSP-9	1064	0.73	0.1081	68
	STATION 23	TSP-3	1182	0.86	0.1007	63
	STATION 29	TSP-8	922	0.63	0.0954	UPWIND
	STATION 30	TSP-1	1240	0.88	1.1726	736 ⁽⁸⁾
	STATION 31	TSP-16	1285	0.93	0.0607	38
25-Aug-06	STATION 1C	TSP-12	710	0.5	0.1366	86
	STATION 14	TSP-11	1300	0.87	0.1362	86
	STATION 14	TSP-5	1359	0.91	0.1332	84
	STATION 22B	TSP-9	1163	0.81	0.08	50
	STATION 23	TSP-3	1192	0.81	0.0864	54
	STATION 29	TSP-8	840	0.58	0.0952	UPWIND
	STATION 30	TSP-1	1131	0.77	0.3165	199 ⁽⁸⁾
	STATION 31	TSP-16	1221	0.85	0.0975	61
26-Aug-06	STATION 1C	TSP-12	826	0.47	0.115	99
	STATION 14	TSP-11	1475	0.88	0.0827	71
	STATION 14	TSP-5	1526	0.91	0.0826	71
	STATION 22B	TSP-9	1324	0.75	0.0702	61
	STATION 23	TSP-3	1392	0.84	0.0589	51
	STATION 29	TSP-8	1053	0.59	0.0693	UPWIND
	STATION 30	TSP-1	1299	0.78	0.2071	179 ⁽⁸⁾
	STATION 31	TSP-16	1465	0.83	0.0526	45

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
29-Aug-06	STATION 1C	TSP-12	898	0.64	0.0468	UPWIND
	STATION 14	TSP-11	1184	0.84	0.0312	40
	STATION 14	TSP-5	1228	0.87	0.0228	29
	STATION 22B	TSP-9	1129	0.8	0.0399	51
	STATION 23	TSP-3	1097	0.8	0.0693	89
	STATION 29	TSP-8	742	0.52	0.0404	52
	STATION 30	TSP-1	1065	0.76	0.0122	16
	STATION 31	TSP-16	1198	0.86	0.0242	31
30-Aug-06	STATION 1C	TSP-12	867	0.6	0.0358	40
	STATION 14	TSP-11	1259	0.86	0.0477	UPWIND
	STATION 14	TSP-5	1317	0.9	0.0532	UPWIND
	STATION 22B	TSP-9	1179	0.8	0.0696	78
	STATION 23	TSP-3	1206	0.86	0.0531	60
	STATION 29	TSP-8	833	0.56	0.0348	39
	STATION 30	TSP-1	1147	0.79	0.0227	26
	STATION 31	TSP-16	1150	0.78	0.0557	63
31-Aug-06	STATION 1C	TSP-12	879	0.58	0.0387	39
	STATION 14	TSP-11	1286	0.89	0.0638	UPWIND
	STATION 14	TSP-5	1328	0.92	0.0595	UPWIND
	STATION 22B	TSP-9	1217	0.8	0.0863	87
	STATION 23	TSP-3	1316	0.88	0.0608	61
	STATION 29	TSP-8	936	0.61	0.0449	45
	STATION 30	TSP-1	1118	0.79	0.0331	33
	STATION 31	TSP-16	1351	0.9	0.0326	33
05-Sep-06	STATION 1C	TSP-12	696	0.49	0.0618	89
	STATION 14	TSP-11	1243	0.85	0.0418	UPWIND
	STATION 14	TSP-5	1257	0.86	0.0414	UPWIND
	STATION 22B	TSP-9	1119	0.78	0.092	133 ⁽⁴⁾
	STATION 23	TSP-3	1258	0.88	0.0612	89
	STATION 29	TSP-8	847	0.58	0.0626	91
	STATION 30	TSP-1	1146	0.8	0.0279	40
	STATION 31	TSP-16	1216	0.85	0.0461	67
06-Sep-06	STATION 1C	TSP-12	714	0.49	0.049	76
	STATION 14	TSP-11	1317	0.91	0.0342	UPWIND
	STATION 14	TSP-5	1344	0.93	0.0387	UPWIND
	STATION 22B	TSP-9	1273	0.87	0.0542	84
	STATION 23	TSP-3	1067	0.75	0.0459	71
	STATION 29	TSP-8	801	0.54	0.0699	108 ⁽⁶⁾
	STATION 30	TSP-1	1162	0.8	0.031	48
	STATION 31	TSP-16	1158	0.79	0.0389	60
07-Sep-06	STATION 1C	TSP-12	1183	0.84	0.0617	49
	STATION 14	TSP-11	1286	0.91	0.0505	40
	STATION 14	TSP-5	1285	0.91	0.0475	38
	STATION 22B	TSP-9	1094	0.77	0.0868	69
	STATION 23	TSP-3	1077	0.77	0.052	42
	STATION 29	TSP-8	813	0.57	0.075	UPWIND
	STATION 30	TSP-1	1123	0.8	0.0481	38
	STATION 31	TSP-16	1130	0.79	0.0894	71

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
08-Sep-06	STATION 1C	TSP-12	1183	0.84	0.0617	49
	STATION 14	TSP-5	1286	0.91	0.0505	40
	STATION 14	TSP-5	1285	0.91	0.0475	38
	STATION 22B	TSP-9	1094	0.77	0.0868	69
	STATION 23	TSP-3	1077	0.77	0.052	42
	STATION 29	TSP-8	813	0.57	0.075	UPWIND
	STATION 30	TSP-1	1123	0.8	0.0481	38
	STATION 31	TSP-16	1130	0.79	0.0894	71
09-Sep-06	STATION 1C	TSP-12	1187	0.7	0.0556	56
	STATION 14	TSP-11	1642	0.97	0.0445	UPWIND
	STATION 14	TSP-5	1573	0.93	0.0598	UPWIND
	STATION 22B	TSP-9	1220	0.71	0.1	100 ⁽⁴⁾
	STATION 23	TSP-3	1599	0.96	0.0588	59
	STATION 29	TSP-8	1293	0.75	0.0688	69
	STATION 30	TSP-1	1422	0.85	0.0506	51
	STATION 31	TSP-16	1265	0.79	0.0798	80
11-Sep-06	STATION 1C	TSP-12	931	0.65	0.043	72
	STATION 14	TSP-11	1072	0.76	0.0401	67
	STATION 14	TSP-5	1281	0.9	0.0367	61
	STATION 22B	TSP-9	995	0.7	0.0492	82
	STATION 23	TSP-3	1324	0.94	0.0393	66
	STATION 29	TSP-8	1060	0.74	0.0358	UPWIND
	STATION 30	TSP-1	1087	0.77	0.0386	65
	STATION 31	TSP-16	1122	0.79	0.0437	73
14-Sep-06	STATION 1C	TSP-12	1035	0.73	0.029	55
	STATION 14	TSP-11	1201	0.83	0.0233	UPWIND
	STATION 14	TSP-5	1201	0.83	0.0316	UPWIND
	STATION 22B	TSP-9	1040	0.72	0.0481	91
	STATION 23	TSP-3	1315	0.92	0.0471	89
	STATION 29	TSP-8	1119	0.77	0.0268	51
	STATION 30	TSP-1	1136	0.8	0.0238	45
	STATION 31	TSP-16	1218	0.85	0.0361	68
15-Sep-06	STATION 1C	TSP-12	1582	1	0.0265	41
	STATION 14	TSP-11	1292	0.88	0.0356	UPWIND
	STATION 14	TSP-5	1366	0.93	0.0388	UPWIND
	STATION 22B	TSP-9	1133	0.73	0.0565	87
	STATION 23	TSP-3	1431	0.99	0.037	57
	STATION 29	TSP-8	1250	0.8	0.0376	58
	STATION 30	TSP-1	1207	0.83	0.034	52
	STATION 31	TSP-16	1188	0.77	0.0648	100 ⁽⁴⁾
16-Sep-06	STATION 1C	TSP-12	1523	1	0.0361	59
	STATION 14	TSP-11	902	0.88	0.0421	69
	STATION 14	TSP-5	951	0.93	0.0389	64
	STATION 22B	TSP-9	1179	0.73	0.0492	80
	STATION 23	TSP-3	1517	0.96	0.0369	60
	STATION 29	TSP-8	1284	0.77	0.0366	UPWIND
	STATION 30	TSP-1	1293	0.82	0.0472	77
	STATION 31	TSP-16	1364	0.85	0.0315	52

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
18-Sep-06	STATION 1C	TSP-12	856	0.62	0.0479	81
	STATION 14	TSP-11	1110	0.93	0.0162	27
	STATION 14	TSP-5	1364	0.94	0.0117	20
	STATION 22B	TSP-9	958	0.69	0.0355	UPWIND
	STATION 23	TSP-3	1096	0.93	0.0411	69
	STATION 29	TSP-8	1208	0.85	0.0116	20
	STATION 30	TSP-1	1140	0.77	0.014	24
	STATION 31	TSP-16	1114	0.77	0.0189	32
19-Sep-06	STATION 1C	TSP-12	1394	0.98	0.0882	UPWIND
	STATION 14	TSP-11	1329	0.96	0.0105 J	7
	STATION 14	TSP-5	1315	0.95	0.0259 J	18
	STATION 22B	TSP-9	1063	0.74	0.079	54
	STATION 23	TSP-3	1300	0.9	0.0685	47
	STATION 29	TSP-8	1150	0.78	0.0435	30
	STATION 30	TSP-1	1184	0.85	0.0211	14
	STATION 31	TSP-16	1207	0.84	0.0331	22
20-Sep-06	STATION 1C	TSP-12	1246	0.87	0.0257	UPWIND
	STATION 14	TSP-11	1384	0.95	0.0202	47
	STATION 14	TSP-5	1383	0.95	0.0145	34
	STATION 22B	TSP-9	1100	0.77	0.0582	136
	STATION 23	TSP-3	1144	0.8	0.0149	35
	STATION 29	TSP-8	1227	0.83	0.0171	40
	STATION 30	TSP-1	1288	0.89	0.0093	22
	STATION 31	TSP-16	1268	0.88	0.0386	90
21-Sep-06	STATION 1C	TSP-12	1142	0.79	0.0403	94
	STATION 14	TSP-11	1413	0.99	0.0354	83
	STATION 14	TSP-11	1341	0.94	0.038	89
	STATION 22B	TSP-9	1108	0.79	0.0.97	93
	STATION 23	TSP-3	1055	0.75	0.0237	55
	STATION 29	TSP-8	1134	0.79	0.0256	UPWIND
	STATION 30	TSP-1	1181	0.84	0.0415	97
	STATION 31	TSP-16	1224	0.84	0.0449	105 ⁽⁴⁾
25-Sep-06	STATION 1C	TSP-12	1116	0.78	0.1057	144 ⁽⁴⁾
	STATION 14	TSP-11	1381	0.97	0.0268	37
	STATION 14	TSP-11	1266	0.89	0.034	46
	STATION 22B	TSP-9	1087	0.77	0.0736	100
	STATION 23	TSP-3	930	0.68	0.0301	41
	STATION 29	TSP-8	1117	0.78	0.0439	UPWIND
	STATION 30	TSP-1	1319	0.93	0.0258	35
	STATION 31	TSP-16	1279	0.91	0.0461	63
26-Sep-06	STATION 1C	TSP-12	1157	0.81	0.083	72
	STATION 14	TSP-11	1386	0.98	0.0339	30
	STATION 14	TSP-5	1276	0.9	0.0392	34
	STATION 22B	TSP-9	1178	0.83	0.0688	UPWIND
	STATION 23	TSP-3	964	0.69	0.0207	18
	STATION 29	TSP-8	1172	0.82	0.0427	37
	STATION 30	TSP-1	1298	0.92	0.0401	35
	STATION 31	TSP-16	1198	0.84	0.0409	36

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
27-Sep-06	STATION 1C	TSP-12	1274	0.89	0.062	39
	STATION 14	TSP-11	1436	1	0.0404	26
	STATION 14	TSP-5	1334	0.93	0.048	31
	STATION 22B	TSP-9	1178	0.82	0.0942	UPWIND
	STATION 23	TSP-3	1033	0.73	0.0339	22
	STATION 29	TSP-8	1202	0.83	0.0632	40
	STATION 30	TSP-1	1286	0.91	0.0435	28
	STATION 31	TSP-16	1278	0.89	0.0266	17
28-Sep-06	STATION 1C	TSP-12	1451	0.97	0.0296	73
	STATION 14	TSP-11	1516	1.01	0.0178	UPWIND
	STATION 14	TSP-5	1364	0.91	0.0242	UPWIND
	STATION 22B	TSP-9	1227	0.83	0.0823	204 ⁽⁴⁾
	STATION 23	TSP-3	1047	0.7	0.0334	83
	STATION 29	TSP-8	1189	0.81	0.0177	44
	STATION 30	TSP-1	1399	0.94	0.0129	32
	STATION 31	TSP-16	1305	0.87	0.0322	80
29-Sep-06	STATION 1C	TSP-12	959	0.68	0.0719	91
	STATION 14	TSP-11	1404	0.99	0.0264	33
	STATION 14	TSP-5	1318	0.93	0.0288	36
	STATION 22B	TSP-9	1199	0.85	0.0475	UPWIND
	STATION 23	TSP-3	918	0.66	0.0251	32
	STATION 29	TSP-8	1232	0.86	0.0325	41
	STATION 30	TSP-1	1323	0.94	0.0325	41
	STATION 31	TSP-16	1171	0.84	0.029	37
30-Sep-06	STATION 1C	TSP-12	1614	1.02	0.0316	39
	STATION 14	TSP-11	1569	0.98	0.0312	39
	STATION 14	TSP-5	1539	0.96	0.0221	27
	STATION 22B	TSP-9	1345	0.83	0.0483	UPWIND
	STATION 23	TSP-3	1095	0.7	0.032	40
	STATION 29	TSP-8	1343	0.81	0.0454	56
	STATION 30	TSP-1	1486	0.93	0.033	41
	STATION 31	TSP-16	1444	0.9	0.0263	33
02-Oct-06	STATION 1C	TSP-12	1380	0.91	0.058	51
	STATION 14	TSP-11	1193	0.85	0.0427	38
	STATION 14	TSP-5	1390	0.99	0.046	41
	STATION 22B	TSP-9	1183	0.79	0.0676	UPWIND
	STATION 23	TSP-3	1407	0.98	0.0327	29
	STATION 29	TSP-8	1206	0.8	0.0539	48
	STATION 30	TSP-1	1176	0.85	0.0655	58
	STATION 31	TSP-16	1258	0.84	0.0437	39
04-Oct-06	STATION 1C	TSP-12	1257	0.89	0.0811	51
	STATION 14	TSP-11	1275	0.91	0.0541	34
	STATION 14	TSP-5	1344	0.96	0.0506	32
	STATION 22B	TSP-9	1167	0.82	0.096	UPWIND
	STATION 23	TSP-3	1144	0.82	0.0682	43
	STATION 29	TSP-8	1130	0.79	0.0912	57
	STATION 30	TSP-1	1179	0.84	0.056	35
	STATION 31	TSP-16	1177	0.83	0.0527	33

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
05-Oct-06	STATION 1C	TSP-12	1238	0.9	0.0147	40
	STATION 14	TSP-11	1579	1.06	0.0266	UPWIND
	STATION 14	TSP-5	1561	1.05	0.0218	UPWIND
	STATION 22B	TSP-9	1238	0.85	0.0759	208 ⁽⁴⁾
	STATION 23	TSP-3	1451	1.01	0.0262	72
	STATION 29	TSP-8	1452	0.97	0.0145	40
	STATION 30	TSP-1	1405	0.96	0.0128	35
	STATION 31	TSP-16	1375	0.95	0.0182	50
06-Oct-06	STATION 1C	TSP-12	1075	0.76	0.0372	72
	STATION 14	TSP-11	1499	1.1	0.02	UPWIND
	STATION 14	TSP-5	1361	1	0.0309	UPWIND
	STATION 22B	TSP-9	1837	1.33	0.0523	101 ⁽⁴⁾
	STATION 23	TSP-3	1328	0.98	0.0392	76
	STATION 29	TSP-8	1144	0.82	0.035	68
	STATION 30	TSP-1	1189	0.88	0.0219	42
	STATION 31	TSP-16	1304	0.93	0.0299	58
07-Oct-06	STATION 1C	TSP-12	1377	0.78	0.0414	71
	STATION 14	TSP-11	1819	1.02	0.0231	UPWIND
	STATION 14	TSP-5	1748	1.01	0.0349	UPWIND
	STATION 22B	TSP-9	2279	1.31	0.0351	60
	STATION 23	TSP-3	1640	0.95	0.0402	69
	STATION 29	TSP-8	1483	0.84	0.0243	42
	STATION 30	TSP-1	1559	0.9	0.0276	47
	STATION 31	TSP-16	1595	0.91	0.0401	69
09-Oct-06	STATION 1C	TSP-12	967	0.68	0.1148	142 ⁽⁴⁾
	STATION 14	TSP-11	1373	0.94	0.0393	UPWIND
	STATION 14	TSP-5	1405	0.96	0.0484	UPWIND
	STATION 22B	TSP-9	1777	1.23	0.0557	69
	STATION 23	TSP-3	1312	0.92	0.0488	60
	STATION 29	TSP-8	1200	0.82	0.04	49
	STATION 30	TSP-1	1122	0.78	0.0597	74
	STATION 31	TSP-16	1191	0.83	0.0915	113 ⁽⁴⁾
10-Oct-06	STATION 1C	TSP-12	1157	0.79	0.1288	123 ⁽⁴⁾
	STATION 14	TSP-11	1476	0.99	0.0562	54
	STATION 14	TSP-5	1490	1	0.0611	58
	STATION 22B	TSP-9	1901	1.28	0.0626	UPWIND
	STATION 23	TSP-3	1367	0.94	0.0649	53
	STATION 29	TSP-8	1221	0.81	0.0647	62
	STATION 30	TSP-1	1207	0.82	0.0953	91
	STATION 31	TSP-16	1217	0.82	0.1487	142 ⁽⁴⁾
11-Oct-06	STATION 1C	TSP-12	2573	1.82	0.0163	32
	STATION 14	TSP-11	1373	0.95	0.016	32
	STATION 14	TSP-5	1417	0.98	0.0289	57
	STATION 22B	TSP-9	1858	1.3	0.0301	UPWIND
	STATION 23	TSP-3	1447	0.99	0.0415	83
	STATION 29	TSP-8	1213	0.83	0.0528	105 ⁽⁶⁾
	STATION 30	TSP-1	1219	0.85	0.0328	65
	STATION 31	TSP-16	1221	0.84	0.0262	52

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
12-Oct-06	STATION 1C	TSP-12	1100	0.79	0.0855	122 ⁽⁴⁾
	STATION 14	TSP-11	1114	0.76	0.0377	54
	STATION 14	TSP-5	1378	0.94	0.0377	54
	STATION 22B	TSP-9	1914	1.33	0.0418	UPWIND
	STATION 23	TSP-3	1420	1.02	0.0444	64
	STATION 29	TSP-8	1240	0.85	0.0597	86
	STATION 30	TSP-1	1281	0.88	0.0414	59
	STATION 31	TSP-16	1341	0.95	0.035	50
13-Oct-06	STATION 1C	TSP-12	1155	0.81	0.0788	106 ⁽⁴⁾
	STATION 14	TSP-11	1129	0.76	0.0523	70
	STATION 14	TSP-5	1381	0.93	0.0319	43
	STATION 22B	TSP-9	1967	1.34	0.0447	UPWIND
	STATION 23	TSP-3	1655	1.15	0.035	47
	STATION 29	TSP-8	1365	0.91	0.637	85
	STATION 30	TSP-1	1285	0.88	0.0475	64
	STATION 31	TSP-16	1311	0.91	0.0397	53
14-Oct-06	STATION 1C	TSP-12	1000	0.69	0.085	99
	STATION 14	TSP-11	1066	0.77	0.0432	50
	STATION 14	TSP-5	1313	0.95	0.016	19
	STATION 22B	TSP-9	1223	0.85	0.0515	UPWIND
	STATION 23	TSP-3	1417	1.01	0.055	64
	STATION 30	TSP-1	1227	0.89	0.0367	43
	STATION 31	TSP-16	2091	1.46	0.0225	26
16-Oct-06	STATION 1C	TSP-12	997	0.69	0.0221	95
	STATION 14	TSP-11	988	0.67	0.0152	65
	STATION 14	TSP-5	1327	0.9	0.0151	65
	STATION 22B	TSP-9	1190	0.81	0.0202	87
	STATION 23	TSP-3	1576	1.08	0.0197	85
	STATION 29	TSP-8	1083	0.81	0.0139	UPWIND
	STATION 30	TSP-1	1212	0.81	0.019	82
	STATION 31	TSP-16	2019	1.38	0.0139	60
17-Oct-06	STATION 1C	TSP-12	1024	0.73	0.0283	35
	STATION 14	TSP-11	892	0.65	0.0314	39
	STATION 14	TSP-5	1276	0.93	0.0157	19
	STATION 22B	TSP-9	1179	0.82	0.0483	UPWIND
	STATION 23	TSP-3	1529	1.07	0.0281	35
	STATION 29	TSP-8	1178	0.82	0.0314	39
	STATION 30	TSP-1	1201	0.84	0.0241	30
	STATION 31	TSP-16	1890	1.32	0.0159	20
18-Oct-06	STATION 1C	TSP-12	1442	0.99	0.0347	71
	STATION 14	TSP-11	999	0.68	0.043	88
	STATION 14	TSP-5	1325	0.9	0.0506	103 ⁽⁹⁾
	STATION 22B	TSP-9	1224	0.83	0.0539	110 ⁽⁴⁾
	STATION 23	TSP-3	1255	0.87	0.0478	98
	STATION 29	TSP-8	1299	0.88	0.0293	UPWIND
	STATION 30	TSP-1	1225	0.84	0.0245	50
	STATION 31	TSP-16	2007	1.36	0.0284	58

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
19-Oct-06	STATION 1C	TSP-12	1276	0.91	0.0133	UPWIND
	STATION 14	TSP-11	1081	0.76	0.013	59
	STATION 14	TSP-5	1306	0.92	0.0107	48
	STATION 22B	TSP-9	1234	0.87	0.0308	139 ⁽⁴⁾
	STATION 23	TSP-3	1257	0.9	0.0772	348 ⁽²⁾
	STATION 29	TSP-8	1164	0.82	0.0189	85
	STATION 30	TSP-1	1220	0.88	0.0066	30
	STATION 31	TSP-16	1922	1.39	0.013	59
20-Oct-06	STATION 1C	TSP-12	1523	1.03	0.0525	95
	STATION 14	TSP-11	1051	0.69	0.0533	96
	STATION 14	TSP-5	1449	0.95	0.0317	57
	STATION 22B	TSP-9	1260	0.86	0.0548	99
	STATION 23	TSP-3	1670	1.12	0.0347	63
	STATION 29	TSP-8	1268	0.84	0.0331	UPWIND
	STATION 30	TSP-1	1496	0.94	0.0154	28
	STATION 31	TSP-16	2081	1.43	0.0226	41
21-Oct-06	STATION 1C	TSP-12	1648	1.02	0.0231	60
	STATION 14	TSP-11	1074	0.69	0.0419	109 ⁽⁹⁾
	STATION 14	TSP-5	1461	0.94	0.0226	59
	STATION 22B	TSP-9	1308	0.82	0.026	67
	STATION 23	TSP-3	1457	0.95	0.0213	55
	STATION 29	TSP-8	1300	0.83	0.0231	UPWIND
	STATION 30	TSP-1	1310	0.89	0.0153	10
	STATION 31	TSP-16	637	0.4	0.0581	151 ⁽⁴⁾
23-Oct-06	STATION 1C	TSP-12	1347	0.94	0.0505	UPWIND
	STATION 14	TSP-11	1032	0.7	0.0281	33
	STATION 14	TSP-5	1358	0.92	0.0258	31
	STATION 22B	TSP-9	1944	1.34	0.0448	53
	STATION 23	TSP-3	1329	0.92	0.0813	96
	STATION 29	TSP-8	1293	0.88	0.0526	62
	STATION 30	TSP-1	1230	0.84	0.0244	29
	STATION 31	TSP-16	2029	1.41	0.0217	26
24-Oct-06	STATION 1C	TSP-12	1504	1.07	0.0485	UPWIND
	STATION 14	TSP-11	1121	0.78	0.0473	58
	STATION 14	TSP-5	1322	0.92	0.0439	54
	STATION 22B	TSP-9	1963	1.37	0.0438	54
	STATION 23	TSP-3	1308	0.93	0.0497	61
	STATION 29	TSP-8	1294	0.9	0.0325	40
	STATION 30	TSP-1	1252	0.88	0.0184	23
	STATION 31	TSP-16	1997	1.41	0.031	38

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
25-Oct-06	STATION 1C	TSP-12	1589	1.08	0.056	158 ⁽⁴⁾
	STATION 14	TSP-11	826	0.72	0.0593	167 ⁽⁹⁾
	STATION 14	TSP-5	1359	0.93	0.0589	166 ⁽⁹⁾
	STATION 22B	TSP-9	1979	1.32	0.0273	77
	STATION 23	TSP-3	1344	0.93	0.0417	118 ⁽²⁾
	STATION 29	TSP-8	1275	0.87	0.0212	UPWIND
	STATION 30	TSP-1	1297	0.91	0.037	105 ⁽⁷⁾
	STATION 31	TSP-16	1229	0.85	0.0773	218 ⁽⁴⁾
26-Oct-06	STATION 1C	TSP-12	1235	0.88	0.0162	46
	STATION 14	TSP-11	1029	0.71	0.0175	50
	STATION 14	TSP-5	1364	0.94	0.0177	34
	STATION 22B	TSP-9	1890	1.35	0.0111	32
	STATION 23	TSP-3	1293	0.92	0.0209	UPWIND
	STATION 29	TSP-8	1316	0.91	0.0129	37
	STATION 30	TSP-1	1157	0.79	0.0121	35
	STATION 31	TSP-16	1179	0.83	0.0399	114 ⁽⁴⁾
27-Oct-06	STATION 1C	TSP-12	1556	1.08	*	*
	STATION 22B	TSP-9	1870	1.29	0.0176	77
	STATION 23	TSP-3	1365	0.93	0.0418	183 ⁽²⁾
	STATION 29	TSP-8	1089	0.73	0.0064	28
	STATION 30	TSP-1	1166	0.77	0.0137	UPWIND
	STATION 31	TSP-16	1195	0.82	0.0502	219 ⁽⁴⁾
28-Oct-06	STATION 1C	TSP-12	981	0.66	0.0683	124 ⁽⁴⁾
	STATION 14	TSP-11	841	0.6	0.0309	56
	STATION 14	TSP-5	1301	0.93	0.0085	15
	STATION 22B	TSP-9	1211	0.82	0.033	UPWIND
	STATION 23	TSP-3	1309	0.91	0.0474	86
	STATION 29	TSP-8	1124	0.76	0.0383	69
	STATION 30	TSP-1	1119	0.81	0.0223	40
	STATION 31	TSP-16	1204	0.81	0.0249	45
30-Oct-06	STATION 1C	TSP-12	794	0.56	0.1096	194 ⁽⁴⁾
	STATION 14	TSP-11	900	0.62	0.0833	148 ⁽⁹⁾
	STATION 14	TSP-5	1262	0.87	0.0507	90
	STATION 22B	TSP-9	1153	0.81	0.0338	UPWIND
	STATION 23	TSP-3	6	*	*	*
	STATION 29	TSP-8	1040	0.71	0.0654	116 ⁽⁶⁾
	STATION 30	TSP-1	860	0.71	0.1419	251 ⁽⁷⁾
	STATION 31	TSP-16	1216	0.86	0.0452	80
31-Oct-06	STATION 1C	TSP-12	985	0.69	0.0538	122 ⁽⁴⁾
	STATION 14	TSP-11	870	0.73	0.0264	UPWIND
	STATION 14	TSP-5	1097	0.92	*	UPWIND
	STATION 22B	TSP-9	1227	0.85	0.0424	96
	STATION 23	TSP-3	15	*	*	*
	STATION 29	TSP-8	1137	0.77	0.0255	58
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1192	0.83	0.0445	101 ⁽⁴⁾

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
01-Nov-06	STATION 1C	TSP-12	1048	0.72	0.0821	UPWIND
	STATION 14	TSP-11	1094	0.76	0.0201	15
	STATION 14	TSP-5	1351	0.94	0.0355	26
	STATION 22B	TSP-9	1214	0.84	0.0857	63
	STATION 23	TSP-3	4	*	*	*
	STATION 29	TSP-8	1196	0.82	0.0192	14
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1293	0.9	0.0565	41
02-Nov-06	STATION 1C	TSP-12	1089	0.77	0.0716	58
	STATION 14	TSP-11	1154	0.8	0.0485	40
	STATION 14	TSP-5	1410	0.98	0.0142	12
	STATION 22B	TSP-9	1210	0.85	0.0983	80
	STATION 23	TSP-3	11	*	*	*
	STATION 29	TSP-8	1129	0.78	0.0735	UPWIND
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1352	0.95	0.0422	34
03-Nov-06	STATION 1C	TSP-12	1072	0.73	0.1054	146 ⁽⁴⁾
	STATION 14	TSP-11	669	*	*	*
	STATION 14	TSP-5	868	*	*	*
	STATION 22B	TSP-9	1297	0.85	0.0933	130 ⁽⁴⁾
	STATION 23	TSP-3	33	*	*	*
	STATION 29	TSP-8	1299	0.84	0.0431	UPWIND
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1342	0.91	0.0544	76
04-Nov-06	STATION 1C	TSP-12	1196	0.73	0.0385	56
	STATION 14	TSP-11	1013	0.73	0.0602	88
	STATION 14	TSP-5	1536	0.99	0.0475	69
	STATION 22B	TSP-9	1347	0.84	0.046	67
	STATION 23	TSP-3	1468	1.09	0.0334	49
	STATION 29	TSP-8	1267	0.78	0.041	UPWIND
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1429	0.89	0.0301	44
06-Nov-06	STATION 1C	TSP-12	1034	0.76	0.028	35
	STATION 14	TSP-11	449	0.3	0.0735	92
	STATION 14	TSP-5	1301	0.87	0.0323	40
	STATION 22B	TSP-9	953	0.7	0.0325	40
	STATION 23	TSP-3	1296	0.97	0.027	34
	STATION 29	TSP-8	1122	0.82	0.0481	UPWIND
	STATION 30	TSP-1	1	*	*	*
	STATION 31	TSP-16	1111	0.81	0.063	78
07-Nov-06	STATION 1C	TSP-12	884	0.62	0.0192	79
	STATION 14	TSP-11	323	0.22	0.031	UPWIND
	STATION 14	TSP-5	1378	0.94	0.0145	UPWIND
	STATION 22B	TSP-9	1221	0.84	0.0156	64
	STATION 23	TSP-3	1434	0.99	0.0502	207 ⁽²⁾
	STATION 29	TSP-8	1267	0.86	0.0237	98
	STATION 30	TSP-1	30	*	*	*
	STATION 31	TSP-16	1123	0.79	0.0169	70

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
08-Nov-06	STATION 1C	TSP-12	1007	0.71	0.0536	24
	STATION 14	TSP-11	327	0.24	0.1193	54
	STATION 14	TSP-5	1239	0.91	0.0484	22
	STATION 22B	TSP-9	1179	0.8	0.1332	UPWIND
	STATION 23	TSP-3	1414	0.98	0.0474	21
	STATION 29	TSP-8	1295	0.86	0.0595	27
	STATION 30	TSP-1	2	*	*	*
	STATION 31	TSP-16	604	0.39	0.1026	46
09-Nov-06	STATION 1C	TSP-12	877	0.61	0.2178	84
	STATION 14	TSP-11	321	0.21	0.2181	84
	STATION 14	TSP-5	1416	0.93	0.077	30
	STATION 22B	TSP-9	931	0.66	0.1547	UPWIND
	STATION 23	TSP-3	1366	0.98	0.0454	18
	STATION 29	TSP-8	1195	0.83	0.0728	28
	STATION 30	TSP-1	779	0.65	0.086	33
	STATION 31	TSP-16	1054	0.78	0.0806	31
10-Nov-06	STATION 1C	TSP-12	1234	0.88	0.0632	65
	STATION 14	TSP-11	511	0.35	0.0294	30
	STATION 14	TSP-5	1340	0.92	0.0396	41
	STATION 22B	TSP-9	1104	0.77	0.058	UPWIND
	STATION 23	TSP-3	1188	0.84	0.021	22
	STATION 29	TSP-8	1253	0.86	0.0519	54
	STATION 30	TSP-1	1157	0.76	0.0458	47
	STATION 31	TSP-16	1127	0.79	0.0417	43
11-Nov-06	STATION 1C	TSP-12	1068	0.68	0.0225	UPWIND
	STATION 14	TSP-11	430	0.27	0.0326	87
	STATION 14	TSP-5	1543	0.97	0.0175	47
	STATION 22B	TSP-9	1243	0.78	0.0306	81
	STATION 23	TSP-3	1471	0.94	0.07	186 ⁽²⁾
	STATION 29	TSP-8	1417	0.87	0.0141	38
	STATION 30	TSP-1	1408	0.87	0.0107	28
	STATION 31	TSP-16	1267	0.83	0.0213	57
12-Nov-06	STATION 1C	TSP-12	1143	0.9	0.0131	36
	STATION 14	TSP-11	614	0.47	0.0212	59
	STATION 14	TSP-5	1343	1.03	0.0067	19
	STATION 22B	TSP-9	1029	0.79	0.0301	83
	STATION 23	TSP-3	1342	1.05	0.0216	UPWIND
	STATION 29	TSP-8	1532	1.15	0.0137	38
	STATION 30	TSP-1	949	0.84	0.0169	47
	STATION 31	TSP-16	1149	0.88	0.0235	65
13-Nov-06	STATION 1C	TSP-12	922	0.64	0.0564	114 ⁽⁴⁾
	STATION 14	TSP-11	421	0.29	0.0926	187 ⁽⁹⁾
	STATION 14	TSP-5	1191	0.82	0.0285	57
	STATION 22B	TSP-9	1146	0.79	0.0672	135 ⁽⁴⁾
	STATION 23	TSP-3	1355	0.95	0.0266	54
	STATION 29	TSP-8	1380	0.93	0.0297	UPWIND
	STATION 30	TSP-1	1241	0.84	0.0363	73
	STATION 31	TSP-16	1313	0.91	0.0213	43

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
14-Nov-06	STATION 1C	TSP-12	946	0.65	0.0349	71
	STATION 14	TSP-11	749	0.51	0.0401	82
	STATION 14	TSP-5	1396	0.95	0.0279	57
	STATION 22B	TSP-9	1141	0.79	0.028	57
	STATION 23	TSP-3	1327	0.92	0.0294	UPWIND
	STATION 29	TSP-8	1302	0.89	0.0177	36
	STATION 30	TSP-1	1193	0.81	0.031	63
	STATION 31	TSP-16	1153	0.8	0.0399	81
15-Nov-06	STATION 1C	TSP-12	901	0.64	0.0078	23
	STATION 14	TSP-11	584	0.42	0.0325	UPWIND
	STATION 14	TSP-5	1305	0.94	0.0199	UPWIND
	STATION 22B	TSP-9	863	0.61	0.0394	119 ⁽⁴⁾
	STATION 23	TSP-3	1237	0.88	0.021	63
	STATION 29	TSP-8	1317	0.91	0.0068	20
	STATION 30	TSP-1	1013	0.7	0.0118	36
	STATION 31	TSP-16	1077	0.76	0.013	39
17-Nov-06	STATION 1C	TSP-12	1055	0.68	0.0626	65
	STATION 14	TSP-11	665	0.47	0.0391	40
	STATION 14	TSP-5	1198	0.85	0.0401	41
	STATION 22B	TSP-9	1223	0.79	0.0581	UPWIND
	STATION 23	TSP-3	1259	0.89	0.0381	39
	STATION 29	TSP-8	1389	0.92	0.0374	39
	STATION 30	TSP-1	694	0.47	0.0029	3
	STATION 31	TSP-16	1297	0.86	0.0463	48
18-Nov-06	STATION 1C	TSP-12	1248	0.8	0.0304	UPWIND
	STATION 14	TSP-11	866	0.5	0.0381	75
	STATION 14	TSP-5	1663	0.96	0.0294	58
	STATION 22B	TSP-9	1324	0.84	0.0559	110 ⁽⁴⁾
	STATION 23	TSP-3	1364	0.81	0.1048	206 ⁽²⁾
	STATION 29	TSP-8	1615	0.96	0.0415	82
	STATION 30	TSP-1	1448	0.83	ND	0
	STATION 31	TSP-16	1386	0.86	0	74
19-Nov-06	STATION 1C	TSP-12	852	0.73	0.0129	UPWIND
	STATION 14	TSP-11	567	0.48	0.0053	25
	STATION 14	TSP-5	1144	0.97	0.0131	61
	STATION 22B	TSP-9	998	0.85	0.0331	154 ⁽⁴⁾
	STATION 23	TSP-3	1027	0.88	0.0721	335 ⁽²⁾
	STATION 29	TSP-8	1340	1.12	0.0067	31
	STATION 30	TSP-1	955	0.79	ND	0
	STATION 31	TSP-16	998	0.85	0.009	42
20-Nov-06	STATION 1C	TSP-12	1116	0.74	0.0753	112 ⁽⁴⁾
	STATION 14	TSP-11	719	0.51	0.0445	UPWIND
	STATION 14	TSP-5	1420	1.01	0.0401	UPWIND
	STATION 22B	TSP-9	1517	1	0.0659	98
	STATION 23	TSP-3	1263	0.92	0.0428	64
	STATION 29	TSP-8	1806	1.17	0.0227	34
	STATION 30	TSP-1	1201	0.84	0.0183	27
	STATION 31	TSP-16	1288	0.85	0.0497	74

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
21-Nov-06	STATION 1C	TSP-12	818	0.61	0.0795	203 ⁽⁴⁾
	STATION 14	TSP-11	827	0.56	0.029	74
	STATION 14	TSP-5	1492	1.01	0.0328	84
	STATION 22B	TSP-9	1358	1.02	0.0449	115 ⁽⁴⁾
	STATION 23	TSP-3	1368	0.92	0.0329	84
	STATION 29	TSP-8	1624	1.2	0.0234	UPWIND
	STATION 30	TSP-1	1261	0.84	0.023	59
	STATION 31	TSP-16	1191	0.89	0.0277	71
27-Nov-06	STATION 1C	TSP-12	1122	0.81	0.0588	40
	STATION 14	TSP-11	632	0.45	0.0601	41
	STATION 14	TSP-5	1291	0.92	0.0356	24
	STATION 22B	TSP-9	1201	0.86	0.0883	UPWIND
	STATION 23	TSP-3	1125	0.83	0.032	22
	STATION 29	TSP-8	1313	0.92	0.0579	39
	STATION 30	TSP-1	1180	0.82	0.0297	20
	STATION 31	TSP-16	1166	0.84	0.048	33
28-Nov-06	STATION 1C	TSP-12	867	0.61	0.0657	57
	STATION 14	TSP-11	610	0.43	0.0656	57
	STATION 14	TSP-5	1344	0.95	0.558	49
	STATION 22B	TSP-9	1281	0.9	0.0687	UPWIND
	STATION 23	TSP-3	1376	0.92	0.048	42
	STATION 29	TSP-8	1425	0.98	0.0604	53
	STATION 30	TSP-1	1162	0.8	0.0532	46
	STATION 31	TSP-16	1096	0.77	0.0721	63
29-Nov-06	STATION 1C	TSP-12	1157	0.8	0.0441	73
	STATION 14	TSP-11	558	0.38	0.0394	65
	STATION 14	TSP-5	1336	0.91	0.0337	56
	STATION 22B	TSP-9	1679	1.16	0.0363	UPWIND
	STATION 23	TSP-3	1177	0.89	0.0263	43
	STATION 29	TSP-8	1441	0.97	0.0354	58
	STATION 30	TSP-1	1211	0.81	0.0124	20
	STATION 31	TSP-16	1132	0.78	0.0451	74
30-Nov-06	STATION 1C	TSP-12	118	0.79	0.0009	3
	STATION 14	TSP-11	676	0.48	0.0074	UPWIND
	STATION 14	TSP-5	1352	0.96	0.017	UPWIND
	STATION 22B	TSP-9	1338	0.95	0.0254	89
	STATION 23	TSP-3	1272	0.94	0.0179	61
	STATION 29	TSP-8	1430	0.99	0.0063	22
	STATION 30	TSP-1	1179	0.82	0.0042	15
	STATION 31	TSP-16	1203	0.85	0.0333	117 ⁽⁴⁾
04-Dec-06	STATION 1C	TSP-12	1203	0.88	0.0466	72
	STATION 14	TSP-11	657	0.54	0.0244	38
	STATION 14	TSP-5	1156	0.95	0.032	49
	STATION 22B	TSP-9	1517	1.28	0.0389	UPWIND
	STATION 23	TSP-3	1146	0.96	0.0314	48
	STATION 29	TSP-8	1442	1.08	0.0437	67
	STATION 30	TSP-1	1043	0.84	0.0374	58
	STATION 31	TSP-16	1181	0.87	ND	0

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>
05-Dec-06	STATION 1C	TSP-12	1275	0.89	0.0588	106 ⁽⁴⁾
	STATION 14	TSP-11	794	0.55	0.0302	55
	STATION 14	TSP-5	1412	0.98	0.0432	78
	STATION 22B	TSP-9	1844	1.28	0.0331	UPWIND
	STATION 23	TSP-3	1407	0.98	0.0419	76
	STATION 29	TSP-8	1709	1.18	0.0878	159 ⁽⁶⁾
	STATION 30	TSP-1	1226	0.84	0.0065	12
	STATION 31	TSP-16	1	*	*	*
06-Dec-06	STATION 1C	TSP-12	1218	0.85	0.0911	127 ⁽⁴⁾
	STATION 14	TSP-11	768	0.54	0.0221	31
	STATION 14	TSP-5	1395	0.98	0.0301	42
	STATION 22B	TSP-9	1669	1.16	0.0431	UPWIND
	STATION 23	TSP-3	1361	0.97	0.0149	58
	STATION 29	TSP-8	1548	1.06	0.0885	123 ⁽⁶⁾
	STATION 30	TSP-1	1731	1.19	0.0243	34
	STATION 31	TSP-16	1063	0.74	0.0198	28
07-Dec-06	STATION 1C	TSP-12	1163	0.81	0.0258	UPWIND
	STATION 14	TSP-11	985	0.68	0.0142	33
	STATION 14	TSP-5	1462	1.01	0.0144	33
	STATION 22B	TSP-9	1903	1.32	0.031	72
	STATION 23	TSP-3	1370	1	0.0336	78
	STATION 29	TSP-8	1583	1.09	0.0815	189
	STATION 30	TSP-1	1844	1.25	0.0452	35
	STATION 31	TSP-16	1252	0.87	0.0168	39
11-Dec-06	STATION 1C	TSP-12	1078	0.77	0.0566	73
	STATION 14	TSP-11	784	0.57	0.0408	52
	STATION 14	TSP-5	1291	0.94	0.0318	41
	STATION 22B	TSP-9	1687	1.2	0.0279	6
	STATION 23	TSP-3	1258	0.95	0.0374	48
	STATION 29	TSP-8	1481	1.04	0.0466	UPWIND
	STATION 30	TSP-1	1553	1.13	0.0322	41
	STATION 31	TSP-16	1035	0.74	0.0261	34
13-Dec-06	STATION 1C	TSP-12	1576	1.1	0.0393	32
	STATION 14	TSP-11	1015	0.71	0.0217	18
	STATION 14	TSP-5	1358	0.95	0.0162	13
	STATION 22B	TSP-9	1053	0.73	0.0731	UPWIND
	STATION 23	TSP-3	8	*	*	*
	STATION 29	TSP-8	1800	1.22	0.0344	28
	STATION 30	TSP-1	1732	1.17	0.0242	20
	STATION 31	TSP-16	542	0.38	0.0775	63
14-Dec-06	STATION 1C	TSP-12	962	0.67	0.0738	91
	STATION 14	TSP-11	769	0.52	0.026	32
	STATION 14	TSP-5	1418	0.96	0.0162	20
	STATION 22B	TSP-9	1768	1.21	0.0486	UPWIND
	STATION 23	TSP-3	1364	0.94	0.0279	34
	STATION 29	TSP-8	1576	1.05	0.0438	54
	STATION 30	TSP-1	1742	1.15	0.0218	27
	STATION 31	TSP-16	1004	0.68	0.0508	63

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
15-Dec-06	STATION 1C	TSP-12	1138	0.8	0.1459	520 ⁽⁴⁾
	STATION 14	TSP-11	785	0.55	0.0191	68
	STATION 14	TSP-5	1355	0.95	0.0185	66
	STATION 22B	TSP-9	1560	1.1	0.0365	130 ⁽¹⁰⁾
	STATION 23	TSP-3	1355	0.96	0.0185	66
	STATION 29	TSP-8	1632	1.12	0.0263	94
	STATION 30	TSP-1	976	*	*	*
	STATION 31	TSP-16	1010	0.71	0.0168	UPWIND
16-Dec-06	STATION 1C	TSP-12	1324	0.79	0.0793	202 ⁽⁴⁾
	STATION 14	TSP-11	1040	0.63	0.0154	39
	STATION 14	TSP-5	1583	96	0.0202	51
	STATION 22B	TSP-9	2082	1.25	0.0235	UPWIND
	STATION 23	TSP-3	1577	0.96	0.026	66
	STATION 29	TSP-8	1838	1.08	0.0511	130 ⁽⁶⁾
	STATION 30	TSP-1	0	*	*	*
	STATION 31	TSP-16	1204	0.72	0.0291	74
18-Dec-06	STATION 1C	TSP-12	1084	0.81	0.1734	237 ⁽⁴⁾
	STATION 14	TSP-11	646	0.54	0.0557	UPWIND
	STATION 14	TSP-5	1207	1.01	0.0439	UPWIND
	STATION 22B	TSP-9	1454	1.06	0.0715	98
	STATION 23	TSP-3	1419	1.05	0.0451	62
	STATION 29	TSP-8	1510	1.08	0.0364	50
	STATION 30	TSP-1	1316	1.19	0.0182	25
	STATION 31	TSP-16	873	0.64	0.0641	87
19-Dec-06	STATION 1C	TSP-12	1176	0.82	0.1769	196 ⁽⁴⁾
	STATION 14	TSP-11	720	0.52	0.0708	UPWIND
	STATION 14	TSP-5	1423	1.03	0.0541	UPWIND
	STATION 22B	TSP-9	1693	1.19	0.0526	58
	STATION 23	TSP-3	1492	1.04	0.0442	49
	STATION 29	TSP-8	1598	1.1	0.0394	44
	STATION 30	TSP-1	1804	1.23	0.0227	25
	STATION 31	TSP-16	1232	0.86	0.0584	65
20-Dec-06	STATION 1C	TSP-12	1232	0.83	0.043	99
	STATION 14	TSP-11	657	0.45	0.0472	109 ⁽⁹⁾
	STATION 14	TSP-5	1459	1	0.0336	77
	STATION 22B	TSP-9	1315	0.9	0.0221	51
	STATION 23	TSP-3	1462	1.01	0.026	UPWIND
	STATION 29	TSP-8	1649	1.11	0.0243	56
	STATION 30	TSP-1	1817	1.21	0.0143	33
	STATION 31	TSP-16	1220	0.83	0.0279	64
02-Jan-07	STATION 1C	TSP-12	1202	0.85	0.0824	78
	STATION 14	TSP-11	657	0.48	0.0518	49
	STATION 14	TSP-5	1384	1.01	0.039	37
	STATION 22B	TSP-9	1074	0.76	0.0633	UPWIND
	STATION 23	TSP-3	1454	1.06	0.0309	29
	STATION 29	TSP-8	1385	0.97	0.031	29
	STATION 30	TSP-1	1350	0.96	0.0274	26
	STATION 31	TSP-16	1197	0.85	0.0317	30

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
03-Jan-07	STATION 1C	TSP-12	1309	0.87	0.0733	44
	STATION 14	TSP-11	627	0.66	0.043	26
	STATION 14	TSP-5	1411	0.94	0.0336	20
	STATION 22B	TSP-9	0	0.64	0.0988	UPWIND
	STATION 23	TSP-3	1406	1.14	0.031	19
	STATION 29	TSP-8	1386	1.12	0.0381	23
	STATION 30	TSP-1	1015	0.75	0.0264	16
	STATION 31	TSP-16	1029	0.35	0.0968	59
04-Jan-07	STATION 1C	TSP-12	1174	0.81	ND	**
	STATION 14	TSP-11	627	0.44	0.0207	**
	STATION 14	TSP-5	1411	0.99	0.0177	*
	STATION 22B	TSP-9	0	*	*	**
	STATION 23	TSP-3	1406	0.98	0.0199	**
	STATION 29	TSP-8	1386	0.94	0.0267	**
	STATION 30	TSP-1	1015	0.89	0.0148	**
	STATION 31	TSP-16	1029	0.71	0.033	**
05-Jan-07	STATION 1C	TSP-12	1202	0.83	0.0125	**
	STATION 14	TSP-11	661	0.45	0.0121	**
	STATION 14	TSP-5	1454	0.99	0.0117	**
	STATION 22B	TSP-9	0	*	*	*
	STATION 23	TSP-3	1360	0.94	0.0199	**
	STATION 29	TSP-8	1392	0.94	0.018	**
	STATION 30	TSP-1	1366	0.91	0.0124	**
	STATION 31	TSP-16	1090	0.75	0.0092	**
06-Jan-07	STATION 1C	TSP-12	1370	0.83	0.715	UPWIND
	STATION 14	TSP-11	414	0.4	0.0169	14
	STATION 14	TSP-5	1043	1.01	0.0163	14
	STATION 22B	TSP-9	0	*	*	*
	STATION 23	TSP-3	1637	1.01	0.0305	26
	STATION 29	TSP-8	1555	0.93	0.0116	10
	STATION 30	TSP-1	1686	1.01	0.0249	21
	STATION 31	TSP-16	1303	0.79	0.0215	18
08-Jan-07	STATION 1C	TSP-12	1240	0.95	0.1347	149 ⁽⁴⁾
	STATION 14	TSP-11	445	0.38	0.0225 J	27
	STATION 14	TSP-5	1169	1	0.006 J	7
	STATION 22B	TSP-9	759	0.71	0.054	UPWIND
	STATION 23	TSP-3	1136	0.98	0.029	32
	STATION 29	TSP-8	1245	0.93	0.0177	20
	STATION 30	TSP-1	1029	0.86	0.0224	25
	STATION 31	TSP-16	793	0.61	0.0277	31
09-Jan-07	STATION 1C	TSP-12	1344	0.97	0.0885	UPWIND
	STATION 14	TSP-11	547	0.37	0.0146 J	10
	STATION 14	TSP-5	1537	1.04	0.0059 J	4
	STATION 22B	TSP-9	513	*	*	*
	STATION 23	TSP-3	1471	1.01	0.0612	41
	STATION 29	TSP-8	1492	1.01	0.0282	19
	STATION 30	TSP-1	1696	1.12	0.0088	6
	STATION 31	TSP-16	1150	0.81	0.0261	18

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
10-Jan-07	STATION 1C	TSP-12	1517	1.05	0.0679	71
	STATION 14	TSP-11	587	0.41	0.0375 J	39
	STATION 14	TSP-5	1502	1.05	0.0093 J	10
	STATION 22B	TSP-9	1103	0.77	0.0571	UPWIND
	STATION 23	TSP-3	1386	0.98	0.0303	32
	STATION 29	TSP-8	1488	1.01	0.041	43
	STATION 30	TSP-1	1480	1.01	0.0189	20
	STATION 31	TSP-16	1141	0.8	0.0359	38
11-Jan-07	STATION 1C	TSP-12	1436	0.99	0.0689	56
	STATION 14	TSP-11	1366	0.95	0.0425	35
	STATION 14	TSP-5	1423	0.99	0.0281	23
	STATION 22B	TSP-9	1105	0.78	0.0733	UPWIND
	STATION 23	TSP-3	1389	0.98	0.0252	21
	STATION 29	TSP-8	1340	0.92	0.1575	129 ⁽⁶⁾
	STATION 30	TSP-1	1546	1.04	0.0336	27
	STATION 31	TSP-16	1129	0.78	0.0425	35
12-Jan-07	STATION 1C	TSP-12	1611	1.03	0.0168	33
	STATION 14	TSP-11	1352	0.93	0.0207	40
	STATION 14	TSP-5	1378	0.95	0.0174	34
	STATION 22B	TSP-9	1170	0.77	0.0308	UPWIND
	STATION 23	TSP-3	1444	0.97	0.0235	46
	STATION 29	TSP-8	1471	0.95	0.0231	45
	STATION 30	TSP-1	1549	1.05	0.0161	31
	STATION 31	TSP-16	1218	0.79	0.0213	41
17-Jan-07	STATION 1C	TSP-12	1093	0.79	0.0942	129 ⁽⁴⁾
	STATION 14	TSP-11	1250	0.88	0.0416	57
	STATION 14	TSP-5	1406	0.99	0.0363	50
	STATION 22B	TSP-9	1009	0.74	0.535	73
	STATION 23	TSP-3	1377	0.9	0.0211	29
	STATION 29	TSP-8	572	0.4	0.0437	UPWIND
18-Jan-07	STATION 1C	TSP-12	1425	0.99	0.2028	204 ⁽⁴⁾
	STATION 14	TSP-11	1420	0.98	0.204	20
	STATION 14	TSP-5	1463	1.01	0.287	29
	STATION 22B	TSP-9	1174	0.81	0.0596	UPWIND
	STATION 23	TSP-3	1343	0.96	0.035	35
	STATION 29	TSP-8	611	0.4	0.1129	113 ⁽⁶⁾
19-Jan-07	STATION 1C	TSP-12	1406	1	0.1579	187 ⁽⁴⁾
	STATION 14	TSP-11	1490	0.99	0.0215	25
	STATION 14	TSP-5	1549	1.03	0.0297	35
	STATION 22B	TSP-9	1166	0.84	0.0506	UPWIND
	STATION 23	TSP-3	1478	0.98	0.0271	32
	STATION 29	TSP-8	631	0.44	0.0634	75

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
20-Jan-07	STATION 1C	TSP-12	1713	1.05	0.0234	82
	STATION 14	TSP-11	1583	0.98	0.0379	133 ⁽⁹⁾
	STATION 14	TSP-5	1662	1.03	0.0229	80
	STATION 22B	TSP-9	1377	0.86	0.0182	64
	STATION 23	TSP-3	1524	0.95	0.0171	UPWIND
	STATION 29	TSP-8	677	0.41	0.0325	114 ⁽⁶⁾
22-Jan-07	STATION 1C	TSP-12	1424	0.99	0.1952	UPWIND
	STATION 14	TSP-11	1225	0.86	0.0286	9
	STATION 14	TSP-5	1338	0.94	0.0232	7
	STATION 22B	TSP-9	1056	0.74	0.1108	34
	STATION 23	TSP-3	1322	0.93	0.0477	15
	STATION 29	TSP-8	557	0.38	0.0772	24
23-Jan-07	STATION 1C	TSP-12	1392	0.99	0.4411	303 ⁽⁴⁾
	STATION 14	TSP-11	1131	0.8	0.0407	28
	STATION 14	TSP-5	1356	0.96	0.0294	20
	STATION 22B	TSP-9	1136	0.81	0.0871	UPWIND
	STATION 23	TSP-3	1312	0.94	0.0366	25
	STATION 29	TSP-8	573	0.4	0.0925	64
24-Jan-07	STATION 1C	TSP-12	1525	1.05	0.1672	UPWIND
	STATION 14	TSP-11	1406	0.97	0.0306	11
	STATION 14	TSP-5	1390	0.96	0.0252	9
	STATION 22B	TSP-9	784	0.54	0.2283	82
	STATION 23	TSP-3	1474	1.02	0.0678	24
	STATION 29	TSP-8	653	0.44	0.0796	29
25-Jan-07	STATION 1C	TSP-12	1575	1.07	0.1035	UPWIND
	STATION 14	TSP-11	1414	0.98	U	*
	STATION 14	TSP-5	1543	1.07	U	*
	STATION 22B	TSP-9	1199	0.83	0.0817	47
	STATION 23	TSP-3	1364	0.95	U	*
	STATION 29	TSP-8	665	0.45	U	*
26-Jan-07	STATION 1C	TSP-12	1524	1.03	0.1076	99
	STATION 14	TSP-11	1427	0.96	0.0364	33
	STATION 14	TSP-5	1484	1	0.0283	26
	STATION 22B	TSP-9	1194	0.76	0.0653	UPWIND
	STATION 23	TSP-3	1375	0.93	0.0378	35
	STATION 29	TSP-8	635	0.41	0.1717	157 ⁽⁶⁾
27-Jan-07	STATION 1C	TSP-12	1485	0.96	0.0559	UPWIND
	STATION 14	TSP-11	1374	0.86	0.0087	9
	STATION 14	TSP-5	1630	1.02	0.0092	10
	STATION 22B	TSP-9	1281	0.83	0.0445	48
	STATION 23	TSP-3	1508	0.93	0.0398	43
	STATION 29	TSP-8	665	0.42	0.0722	77

TABLE 3.2.2
GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
29-Jan-07	STATION 1C	TSP-12	1424	1	0.0618	48
	STATION 14	TSP-11	1377	96	0.0458 J	36
	STATION 14	TSP-5	1433	1	0.0258 J	20
	STATION 22B	TSP-9	1039	0.73	0.077	UPWIND
	STATION 23	TSP-3	1316	0.93	0.0729	57
	STATION 29	TSP-8	510	0.36	0.3922	305 ⁽⁶⁾
30-Jan-07	STATION 1C	TSP-12	1705	1.09	0.0616	UPWIND
	STATION 14	TSP-11	1403	0.99	0.0306	30
	STATION 14	TSP-5	1489	1.05	0.0269	26
	STATION 22B	TSP-9	1215	0.82	0.0642	62
	STATION 23	TSP-3	1423	0.98	0.0021	2
	STATION 29	TSP-8	776	0.52	0.0902	88
31-Jan-07	STATION 1C	TSP-12	1058	0.89	0.0454	61
	STATION 14	TSP-11	1911	1.31	0.0314 J	42
	STATION 14	TSP-5	1166	0.8	0.0583 J	78
	STATION 22B	TSP-9	1094	0.78	0.0448	UPWIND
	STATION 29	TSP-8	594	0.42	0.202	270 ⁽⁶⁾
01-Feb-07	STATION 1C	TSP-12	1289	0.84	0.0264	58
	STATION 14	TSP-11	1824	1.3	0.0104 J	23
	STATION 14	TSP-5	1093	0.78	0.032 J	70
	STATION 22B	TSP-9	1723	1.21	0.0273	UPWIND
	STATION 29	TSP-8	628	0.44	0.051	112 ⁽⁶⁾
02-Feb-07	STATION 1C	TSP-12	1173	0.86	0.1338	132 ⁽⁴⁾
	STATION 14	TSP-11	1883	1.34	0.0154 J	15
	STATION 14	TSP-5	1122	0.8	0.0267 J	26
	STATION 22B	TSP-9	1206	0.88	0.0605	UPWIND
	STATION 29	TSP-8	1147	0.82	0.0253	25
03-Feb-07	STATION 1C	TSP-12	1517	0.91	0.0297	UPWIND
	STATION 14	TSP-11	2107	1.21	0.0104	21
	STATION 14	TSP-5	1409	0.81	0.0163	33
	STATION 22B	TSP-9	1553	0.92	0.0303	61
	STATION 29	TSP-8	1342	0.78	0.0656	132 ⁽⁶⁾
08-Feb-07	STATION 1C	TSP-12	1046	0.74	0.0784	UPWIND
	STATION 14	TSP-11	1546	1.09	0.0045	3
	STATION 14	TSP-5	1091	0.77	0.0073	6
	STATION 22B	TSP-9	1323	0.93	0.0907	69
	STATION 23	TSP-3	20	*	*	*
	STATION 29	TSP-8	1094	0.76	0.0402	31
09-Feb-07	STATION 1C	TSP-12	1371	0.89	0.0766	UPWIND
	STATION 14	TSP-11	2027	1.33	0.0163	13
	STATION 14	TSP-5	1233	0.81	0.0138	11
	STATION 22B	TSP-9	1346	0.87	0.0632	49
	STATION 23	TSP-3	5	*	*	*
	STATION 29	TSP-8	1244	0.78	0.0394	31

TABLE 3.2.2

**GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
12-Feb-07	STATION 1C	TSP-12	1095	0.75	0.0219	27
	STATION 14	TSP-11	1699	1.24	0.0377	UPWIND
	STATION 14	TSP-5	999	0.73	0.048	UPWIND
	STATION 22B	TSP-9	698	*	*	*
	STATION 23	TSP-3	6	*	*	*
	STATION 29	TSP-8	1138	0.77	0.029	36
15-Feb-07	STATION 1C	TSP-12	1260	0.81	0.01667	UPWIND
	STATION 14	TSP-11	1890	1.29	0.0095 J	3
	STATION 14	TSP-5	1171	0.8	0.0162 J	6
	STATION 22B	TSP-9	1366	0.88	0.0937	34
	STATION 23	TSP-3	1330	0.88	0.0474	17
	STATION 29	TSP-8	1245	0.79	0.0273	10
16-Feb-07	STATION 1C	TSP-12	1241	0.87	0.1039	136 ⁽⁴⁾
	STATION 14	TSP-11	2021	1.31	0.0104 J	14
	STATION 14	TSP-5	1234	0.8	0.0324 J	43
	STATION 22B	TSP-9	1273	0.91	0.0456	UPWIND
	STATION 23	TSP-3	1210	0.91	0.0182	24
	STATION 29	TSP-8	1234	0.82	0.0243	32
19-Feb-07	STATION 1C	TSP-12	1092	0.77	0.0989	91
	STATION 14	TSP-11	1148	0.82	0.0375	34
	STATION 14	TSP-5	1204	0.86	0.0291	27
	STATION 22B	TSP-9	1075	0.77	0.0651	UPWIND
	STATION 23	TSP-3	0	*	*	*
	STATION 29	TSP-8	990	0.69	0.0586	54
20-Feb-07	STATION 1C	TSP-12	1235	0.87	0.0065	12
	STATION 14	TSP-11	1194	0.85	0.0243	UPWIND
	STATION 14	TSP-5	1208	0.86	0.0323	UPWIND
	STATION 23	TSP-3	0	*	*	*
	STATION 29	TSP-8	1107	0.77	0.0316	59
21-Feb-07	STATION 1C	TSP-12	1254	0.88	0.0742	37
	STATION 14	TSP-11	1287	0.9	0.0319	16
	STATION 14	TSP-5	1243	0.87	0.0354	17
	STATION 22B	TSP-9	1172	0.83	0.1212	UPWIND
	STATION 29	TSP-8	1033	0.72	0.0629	31
22-Feb-07	STATION 1C	TSP-12	1195	0.83	0.1172	UPWIND
	STATION 14	TSP-11	1146	0.8	0.0201	10
	STATION 14	TSP-5	1290	0.9	0.0279	14
	STATION 22B	TSP-9	1266	0.88	0.1343	67
	STATION 29	TSP-8	1074	0.74	0.0503	26
23-Feb-07	STATION 1C	TSP-12	1192	0.82	0.0126	15
	STATION 14	TSP-11	954	0.64	0.0849 J	UPWIND
	STATION 14	TSP-5	1355	0.91	0.0177 J	UPWIND
	STATION 22B	TSP-9	1290	0.89	0.0302	35
	STATION 29	TSP-8	1205	0.82	0.0141	16

TABLE 3.2.2

GROUP 9B TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i>	<i>Average Flow</i>	<i>TSP Concentration</i>	<i>Percent Allowable</i>
			<i>m3</i>	<i>m3/min</i>	<i>mg/m3</i>	<i>%</i>

Notes:

* Results not reported due to machine malfunction.

** UPWIND machine did not run, therefore percent (%) allowable not calculable.

J The associated value is an estimated quantity.

ND Not detected.

U Analyte not present at or above the associated value.

⁽¹⁾ Exceedance primarily attributed to > 50 ppm material placement into the vault and East Plant excavation.

⁽²⁾ No work conducted in the vicinity of the air monitoring station.

⁽³⁾ Exceedance primarily attributed to truck traffic along haul roads.

⁽⁴⁾ Exceedance primarily attributed to truck traffic along public roads and plant traffic in parking lot.

⁽⁵⁾ Exceedance primarily attributed to excavation and/or stockpiling activities in former Zipp parking lot.

⁽⁶⁾ Exceedance primarily attributed to project along the WTP haul road and excavation activities in Excavation Plan II.

⁽⁷⁾ Exceedance primarily attributed to > 50 ppm soil excavation in Excavation Plan I.

⁽⁸⁾ Exceedance primarily attributed to sediment pond construction.

⁽⁹⁾ Exceedance primarily attributed to contractor activities in the laydown area.

⁽¹⁰⁾ Exceedance primarily attributed to excavation activities for 48-inch sewer installation.

TABLE 3.2.3

**GROUP 14 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
29-Jan-07	STATION 22B	TSP-9	1039	0.73	0.077	12
	STATION 29	TSP-8	510	0.36	0.3922	UPWIND
	STATION 34	TSP-16	937	0.81	0.683	10
	STATION 35	TSP-16	1067	0.8	0.0609	9
30-Jan-07	STATION 22B	TSP-9	1215	0.82	0.0642	UPWIND
	STATION 29	TSP-8	776	0.52	0.0902	84
	STATION 34	TSP-16	1228	0.83	0.066	62
	STATION 35	TSP-16	1332	0.9	0.0526	49
31-Jan-07	STATION 22B	TSP-9	1094	0.78	0.0448	59
	STATION 29	TSP-8	594	0.42	0.202	265
	STATION 34	TSP-16	1162	0.83	0.0456	UPWIND
	STATION 35	TSP-16	1357	0.97	0.0251	33
01-Feb-07	STATION 22B	TSP-9	1723	1.21	0.0273	56
	STATION 29	TSP-8	628	0.44	0.051	105
	STATION 34	TSP-16	1069	0.76	0.029	UPWIND
	STATION 35	TSP-16	1380	0.98	0.0167	35
02-Feb-07	STATION 22B	TSP-9	1206	0.88	0.0605	79
	STATION 29	TSP-8	1147	0.82	0.0253	33
	STATION 34	TSP-16	1042	0.75	0.0461	UPWIND
	STATION 35	TSP-16	1384	1	0.0246	32
08-Feb-07	STATION 22B	TSP-9	1323	0.93	0.0907	UPWIND
	STATION 29	TSP-8	1094	0.76	0.0402	27
	STATION 34	TSP-16	1205	0.84	0.1635	108
	STATION 35	TSP-16	1360	0.97	0.0243	16
09-Feb-07	STATION 22B	TSP-9	1346	0.87	0.0632	UPWIND
	STATION 29	TSP-8	1244	0.78	0.0394	37
	STATION 34	TSP-16	1403	0.92	0.0627	59
	STATION 35	TSP-16	1424	0.96	0.033	31
10-Feb-07	STATION 22B	TSP-9	1481	0.93	0.0344	65
	STATION 29	TSP-8	1323	0.91	0.0317	UPWIND
	STATION 34	TSP-16	1481	0.93	0.0378	71
	STATION 35	TSP-16	1527	0.96	0.0242	46
12-Feb-07	STATION 22B	TSP-9	698	*	*	*
	STATION 29	TSP-8	1138	0.77	0.029	UPWIND
	STATION 34	TSP-16	1131	0.78	0.0637	133 ⁽¹⁾
	STATION 35	TSP-16	1208	0.84	0.0281	59
15-Feb-07	STATION 22B	TSP-9	1366	0.88	0.0937	UPWIND
	STATION 29	TSP-8	1245	0.79	0.0273	17
	STATION 34	TSP-16	1486	0.98	0.033	21
	STATION 35	TSP-16	1819	1.2	0.0165	11
16-Feb-07	STATION 22B	TSP-9	1273	0.91	0.0456	76
	STATION 29	TSP-8	1234	0.82	0.0243	41
	STATION 34	TSP-16	1309	0.88	0.0359	UPWIND
	STATION 35	TSP-16	1214	0.81	0.0321	55

TABLE 3.2.3

**GROUP 14 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
17-Feb-07	STATION 22B	TSP-9	1218	0.84	0.0255	UPWIND
	STATION 29	TSP-8	1115	0.76	0.0341	80
	STATION 34	TSP-16	1187	0.82	0.0185	43
	STATION 35	TSP-16	1386	0.96	0.0137	32
19-Feb-07	STATION 22B	TSP-9	1075	0.77	0.0651	105
	STATION 29	TSP-8	990	0.69	0.0586	95
	STATION 34	TSP-16	808	0.77	0.0582	UPWIND
	STATION 35	TSP-16	1172	0.83	0.0324	52
20-Feb-07	STATION 22B	TSP-9				
	STATION 29	TSP-8	1107	0.77	0.0316	UPWIND
	STATION 34	TSP-16	1209	0.86	405	76
	STATION 35	TSP-16	1219	0.86	0.0172	32
21-Feb-07	STATION 22B	TSP-9	1172	0.83	0.1212	UPWIND
	STATION 29	TSP-8	1033	0.72	0.0629	31
	STATION 34	TSP-16	1378	0.97	0.0247	12
	STATION 35	TSP-16	1423	1	0.0379	19
22-Feb-07	STATION 22B	TSP-9	1266	0.88	0.1343	UPWIND
	STATION 29	TSP-8	1074	0.74	0.0503	22
	STATION 34	TSP-16	1642	1.13	0.0438	20
	STATION 35	TSP-16	1205	0.84	0.0357	16
27-Feb-07	STATION 22B	TSP-9	1369	0.93	0.0745	175
	STATION 29	TSP-8	1130	0.74	ND (0.009)	UPWIND
	STATION 34	TSP-16	1336	0.91	0.0704	165 ⁽¹⁾
	STATION 35	TSP-16	1280	0.87	0.0344	81
28-Feb-07	STATION 22B	TSP-9	1247	0.88	0.012	28
	STATION 29	TSP-8	995	0.7	ND (0.001)	UPWIND
	STATION 34	TSP-16	1044	0.73	0.045	106 ⁽¹⁾
	STATION 35	TSP-16	1203	0.84	0.0175	41
02-Mar-07	STATION 22B	TSP-9	1113	0.79	ND (0.0009)	0
	STATION 29	TSP-8	0	*	*	*
	STATION 34	TSP-16	1427	1.02	0.0098	UPWIND
	STATION 35	TSP-16	1078	0.77	0.0575	351 ⁽¹⁾
03-Mar-07	STATION 34	TSP-16	1110	0.82	0.0144	UPWIND
	STATION 35	TSP-16	1388	1.01	0.013	54
04-Mar-07	STATION 34	TSP-16	1399	0.8	0.0322	UPWIND
	STATION 35	TSP-16	1348	0.83	0.0549	102 ⁽¹⁾
05-Mar-07	STATION 22B	TSP-9	1195	0.86	0.0577	39
	STATION 29	TSP-8	1036	0.75	0.0985	67
	STATION 34	TSP-16	1029	0.8	0.0709	48
	STATION 35	TSP-16	992	0.72	0.0877	UPWIND

TABLE 3.2.3

**GROUP 14 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
06-Mar-07	STATION 22B	TSP-9	1409	0.97	0.1121	96
	STATION 29	TSP-8	1132	0.8	0.0698	UPWIND
	STATION 34	TSP-16	1103	0.8	0.0707	61
	STATION 35	TSP-16	1258	0.89	0.0326	28
07-Mar-07	STATION 22B	TSP-9	1219	0.91	0.0558	33
	STATION 29	TSP-8	1017	0.74	0.1003	UPWIND
	STATION 34	TSP-16	1142	0.79	0.1427	85
	STATION 35	TSP-16	1003	0.71	0.1037	62
08-Mar-07	STATION 22B	TSP-9	1419	0.94	0.0817	61
	STATION 29	TSP-8	1077	0.73	0.0808	UPWIND
	STATION 34	TSP-16	1204	0.81	0.064	47
	STATION 35	TSP-16	1132	0.76	0.0133	10
12-Mar-07	STATION 22B	TSP-9	1302	0.88	0.1275	35
	STATION 29	TSP-8	1133	0.75	0.2154	UPWIND
	STATION 34	TSP-16	1532	0.99	0.0698	19
	STATION 35	TSP-16	330	0.22	ND(0.003)	NR
13-Mar-07	STATION 22B	TSP-9	1292	0.9	0.106	119 ⁽¹⁾
	STATION 29	TSP-8	898	0.66	0.1993	223 ⁽¹⁾
	STATION 34	TSP-16	1308	0.95	0.0535	UPWIND
	STATION 35	TSP-16	781	0.57	0.1601	179 ⁽¹⁾
14-Mar-07	STATION 22B	TSP-9	1213	0.89	0.0511	77
	STATION 29	TSP-8	944	0.66	0.0922	139 ⁽¹⁾
	STATION 34	TSP-16	1414	0.99	0.0396	UPWIND
	STATION 35	TSP-16	809	0.56	0.0569	86
15-Mar-07	STATION 22B	TSP-9	1380	0.94	0.0225	34
	STATION 29	TSP-8	NR	NR	NR	NR
	STATION 34	TSP-16	1435	1.02	0.023	35
	STATION 35	TSP-16	994	0.69	0.0362	55
16-Mar-07	STATION 22B	TSP-9	598	*	*	*
	STATION 29	TSP-8	1063	0.77	0.0508	UPWIND
	STATION 34	TSP-16	1442	1.03	0.0409	48
	STATION 35	TSP-16	925	0.66	0.0541	64
17-Mar-07	STATION 29	TSP-8	1343	0.8	0.0663	UPWIND
	STATION 34	TSP-16	1777	1.04	0.0242	22
	STATION 35	TSP-16	1095	0.64	0.0329	30
19-Mar-07	STATION 22B	TSP-9	1315	0.91	0.0304	27
	STATION 29	TSP-8	1098	0.76	0.0528	47
	STATION 34	TSP-16	1592	0.98	0.0666	UPWIND
	STATION 35	TSP-16	913	0.62	0.0416	37
20-Mar-07	STATION 22B	TSP-9	1301	0.92	ND(0.0008)	0
	STATION 29	TSP-8	1074	0.76	0.054	UPWIND
	STATION 34	TSP-16	1052	0.83	0.0437	48
	STATION 35	TSP-16	875	0.61	0.0743	82

TABLE 3.2.3

**GROUP 14 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
21-Mar-07	STATION 22B	TSP-9	2	*	*	*
	STATION 29	TSP-8	1037	0.73	0.2334	148 ⁽¹⁾
	STATION 34	TSP-16	1072	0.76	0.0942	UPWIND
	STATION 35	TSP-16	871	0.61	0.1515	96
29-Mar-07	STATION 22B	TSP-9	2	*	*	*
	STATION 29	TSP-8	2421	1.7	0.0231	UPWIND
	STATION 34	TSP-16	2004	1.39	0.0734	190 ⁽¹⁾
	STATION 35	TSP-16	877	0.6	0.0547	142 ⁽¹⁾
30-Mar-07	STATION 22B	TSP-9	1	*	*	*
	STATION 29	TSP-8	1110	0.77	0.0405	23
	STATION 34	TSP-16	1154	0.78	0.1049	UPWIND
	STATION 35	TSP-16	868	0.59	0.053	30

Notes:

Air monitoring at Group 14 conducted during installation of 48-inch sewer line for Plant Operations.

* Results not reported due to machine malfunction.

ND Not detected.

⁽¹⁾ Exceedance may be due to particles in the air from the GM water treatment plant Lime Silo.

TABLE 3.2.4

GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
15-May-08	STATION 22C	TSP-9	1139	0.84	0.0211	**
	STATION 29B	TSP-6	58	*	*	*
	STATION 40	TSP-5	1371	0.95	0.0168	**
	STATION 41	TSP-11	1256	0.87	0.0255	**
18-May-08	STATION 22C	TSP-9	1375	0.89	0.0836	UPWIND
	STATION 40	TSP-5	1529	0.98	0.0373	27
	STATION 41	TSP-11	1477	0.94	0.0548	39
	STATION 42	TSP-8	1110	0.86	0.0505	36
19-May-08	STATION 29B	TSP-6	364	*	*	*
20-May-08	STATION 22C	TSP-9	1138	0.76	0.1722	UPWIND
	STATION 29B	TSP-6	634	*	*	*
	STATION 40	TSP-5	1311	0.88	0.042	15
	STATION 41	TSP-11	1302	0.86	0.0845	29
	STATION 42	TSP-8	645	0.68	0.062	22
21-May-08	STATION 22C	TSP-9	1302	0.92	0.2373	UPWIND
	STATION 29B	TSP-6	557	*	*	*
	STATION 40	TSP-5	1377	0.98	0.0392	10
	STATION 41	TSP-11	1299	0.9	0.1139	29
	STATION 42	TSP-8	1028	0.79	0.0457	12
22-May-08	STATION 22C	TSP-9	1462	0.89	0.2127	UPWIND
	STATION 29B	TSP-6	725	*	*	*
	STATION 40	TSP-5	1576	0.97	0.0438	12
	STATION 41	TSP-11	1512	0.92	0.1396	39
	STATION 42	TSP-8	1063	0.76	0.0574	16
27-May-08	STATION 22C	TSP-9	1271	0.87	0.0425	58
	STATION 29B	TSP-6	866	0.83	0.0439	UPWIND
	STATION 40	TSP-5	1359	0.94	0.0361	49
	STATION 41	TSP-11	1313	0.9	0.0533	73
	STATION 42	TSP-8	1004	0.7	0.0378	52
28-May-08	STATION 22C	TSP-9	952	0.66	0.1397	126 ⁽¹⁾
	STATION 29B	TSP-6	1232	0.88	0.0666	UPWIND
	STATION 40	TSP-5	1415	0.99	0.0261	23
	STATION 41	TSP-11	1404	0.96	0.0456	41
	STATION 42	TSP-8	1233	0.83	0.0219	20
29-May-08	STATION 22C	TSP-9	216	*	*	*
	STATION 29B	TSP-6	1198	0.88	0.1194	154 ⁽¹⁾
	STATION 40	TSP-5	1354	0.97	0.0465	UPWIND
	STATION 41	TSP-11	6	*	*	*
	STATION 42	TSP-8	1108	0.77	0.0388	50
30-May-08	STATION 22C	TSP-9	1315	0.82	0.0654	84
	STATION 29B	TSP-6	1337	0.83	0.2139	275 ⁽¹⁾
	STATION 40	TSP-5	1534	0.95	0.06	77
	STATION 41	TSP-11	0	*	*	*
	STATION 42	TSP-8	1087	0.69	0.0773	100 ⁽¹⁾

TABLE 3.2.4

**GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
2-Jun-08	STATION 22C	TSP-9	1192	0.78	0.1158	138 ⁽¹⁾
	STATION 29B	TSP-6	1180	0.79	0.1492	178 ⁽¹⁾
	STATION 40	TSP-5	1314	0.87	0.0502	UPWIND
	STATION 41	TSP-11	14	*	*	*
	STATION 42	TSP-8	1066	0.72	0.0441	53
5-Jun-08	STATION 22C	TSP-9	506	*	*	*
	STATION 29B	TSP-6	277	*	*	*
	STATION 40	TSP-5	1418	0.91	0.0564	UPWIND
	STATION 41	TSP-11	1349	0.85	0.0148	16
	STATION 42	TSP-8	1142	0.73	0.0438	47
18-Aug-08	STATION 22C	TSP-9	NR	NR	NR	NR
	STATION 29B	TSP-6	NR	NR	NR	NR
	STATION 40	TSP-5	1483	1.05	0.0128	**
	STATION 41	TSP-11	NR	NR	NR	NR
	STATION 42	TSP-8	1024	0.78	0.0361	**
19-Aug-08	STATION 22C	TSP-9	1078	0.83	0.1503	186 ⁽²⁾
	STATION 29B	TSP-6	1179	0.82	0.0483	UPWIND
	STATION 40	TSP-5	1275	0.96	0.0376	47
	STATION 41	TSP-11	NR	NR	NR	NR
	STATION 42	TSP-8	696	0.54	0.0259	32
20-Aug-08	STATION 22C	TSP-9	1202	0.85	0.1556	96
	STATION 29B	TSP-6	1106	0.79	0.0651	40
	STATION 40	TSP-5	1372	0.96	0.0583	36
	STATION 41	TSP-11	NR	NR	NR	NR
	STATION 42	TSP-8	493	0.35	0.0974	UPWIND
21-Aug-08	STATION 22C	TSP-9	1146	0.83	0.1143	96
	STATION 29B	TSP-6	1085	0.79	0.082	69
	STATION 40	TSP-5	1350	0.96	0.0711	UPWIND
	STATION 41	TSP-11	NR	NR	NR	NR
	STATION 42	TSP-8	508	0.37	0.1122	94
22-Aug-08	STATION 22C	TSP-9	1245	0.83	0.1189	124 ⁽²⁾
	STATION 29B	TSP-6	1069	0.79	0.1001	105 ⁽²⁾
	STATION 40	TSP-5	1519	0.96	0.0573	UPWIND
	STATION 41	TSP-11	1440	0.94	0.0875	91
	STATION 42	TSP-8	479	0.32	0.1628	170 ⁽²⁾
23-Aug-08	STATION 22C	TSP-9	1356	0.86	0.0855	57
	STATION 29B	TSP-6	1176	0.75	0.0893	UPWIND
	STATION 40	TSP-5	1428	0.95	0.0588	39
	STATION 41	TSP-11	1180	0.76	0.0754	51
	STATION 42	TSP-8	416	0.27	0.4928	330 ⁽²⁾

TABLE 3.2.4

GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
26-Aug-08	STATION 22C	TSP-9	1040	0.76	0.101	121 ⁽²⁾
	STATION 29B	TSP-6	1082	0.79	0.0499	UPWIND
	STATION 40	TSP-5	1259	0.9	0.0492	59
	STATION 41	TSP-11	1250	0.9	0.1216	146 ⁽²⁾
	STATION 42	TSP-8	383	0.28	0.1044	125 ⁽²⁾
27-Aug-08	STATION 22C	TSP-9	1171	0.83	0.0615	105 ⁽²⁾
	STATION 29B	TSP-6	1108	0.79	0.0352	UPWIND
	STATION 40	TSP-5	1378	0.96	0.0283	48
	STATION 41	TSP-11	1280	0.9	0.1031	175 ⁽²⁾
	STATION 42	TSP-8	465	0.33	0.0581	99
28-Aug-08	STATION 22C	TSP-9	NR	NR	NR	NR
	STATION 29B	TSP-6	1168	0.79	0.1293	81
	STATION 40	TSP-5	1427	0.95	0.096	UPWIND
	STATION 41	TSP-11	1316	0.89	0.2097	131 ⁽²⁾
	STATION 42	TSP-8	447	0.3	0.6331	395 ⁽²⁾
3-Sep-08	STATION 22C	TSP-9	1300	0.86	0.0923	UPWIND
	STATION 29B	TSP-6	1096	0.75	0.0721	47
	STATION 40	TSP-5	1556	0.99	0.0296	19
	STATION 41	TSP-11	1389	0.94	0.0842	55
	STATION 42	TSP-8	532	0.36	0.094	61
4-Sep-08	STATION 22C	TSP-9	898	0.67	0.0813	101 ⁽²⁾
	STATION 29B	TSP-6	1068	0.79	0.0496	62
	STATION 40	TSP-5	1355	0.94	0.048	UPWIND
	STATION 41	TSP-11	1191	0.83	0.0688	86
	STATION 42	TSP-8	471	0.35	0.0955	119 ⁽²⁾
5-Sep-08	STATION 22C	TSP-9	913	0.66	0.0723	UPWIND
	STATION 29B	TSP-6	1145	0.82	0.0306	25
	STATION 40	TSP-5	1248	0.95	0.0288	24
	STATION 41	TSP-11	1175	0.87	0.0732	61
	STATION 42	TSP-8	500	0.36	0.048	40
6-Sep-08	STATION 22C	TSP-9	1047	0.68	0.0468	UPWIND
	STATION 29B	TSP-6	1293	0.84	0.0278	36
	STATION 40	TSP-5	1478	0.97	0.025	32
	STATION 41	TSP-11	1350	0.91	0.0652	83
	STATION 42	TSP-8	508	0.33	0.0591	76
8-Sep-08	STATION 22C	TSP-9	858	0.59	0.1166	194 ⁽²⁾
	STATION 29B	TSP-6	1230	0.88	0.0325	54
	STATION 40	TSP-5	1503	0.99	0.0359	UPWIND
	STATION 41	TSP-11	1322	0.86	0.1059	177 ⁽²⁾
	STATION 42	TSP-8	301	0.21	0.1163	194 ⁽²⁾

TABLE 3.2.4

GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
9-Sep-08	STATION 22C	TSP-9	705	0.52	0.1801	425 ⁽²⁾
	STATION 29B	TSP-6	1142	0.81	0.0254	UPWIND
	STATION 40	TSP-5	1198	0.88	0.0184	43
	STATION 41	TSP-11	1119	0.86	0.0929	219 ⁽²⁾
	STATION 42	TSP-8	415	0.3	0.0506	119 ⁽²⁾
10-Sep-08	STATION 22C	TSP-9	712	0.49	0.1264	247 ⁽²⁾
	STATION 29B	TSP-6	1177	0.85	0.0306	UPWIND
	STATION 40	TSP-5	1453	1	0.0289	57
	STATION 41	TSP-11	1398	0.97	0.0923	181 ⁽²⁾
	STATION 42	TSP-8	527	0.37	0.1366	267 ⁽²⁾
11-Sep-08	STATION 22C	TSP-9	657	0.48	0.1157	203 ⁽²⁾
	STATION 29B	TSP-6	1235	0.9	0.0356	63
	STATION 40	TSP-5	1380	1.01	0.0341	UPWIND
	STATION 41	TSP-11	2111	1.63	0.0393	69
	STATION 42	TSP-8	616	0.45	0.1461	257 ⁽²⁾
13-Sep-08	STATION 22C	TSP-9	584	0.42	0.0856	106 ⁽²⁾
	STATION 29B	TSP-6	1166	0.78	0.0729	90
	STATION 40	TSP-5	1450	0.94	0.0483	UPWIND
	STATION 41	TSP-11	1282	0.84	0.0663	82
	STATION 42	TSP-8	415	0.27	0.2096	260 ⁽²⁾
15-Sep-08	STATION 22C	TSP-9	966	0.74	0.0932	UPWIND
	STATION 29B	TSP-6	1055	0.81	0.0275	18
	STATION 40	TSP-5	1272	0.98	0.0197	13
	STATION 41	TSP-11	1121	0.86	0.1383	89
	STATION 42	TSP-8	274	0.21	0.0584	38
16-Sep-08	STATION 22C	TSP-9	838	0.58	0.2828	UPWIND
	STATION 29B	TSP-6	1179	0.83	0.0382	8
	STATION 40	TSP-5	1502	1.02	0.0286	6
	STATION 41	TSP-11	1372	0.93	0.1297	27
	STATION 42	TSP-8	573	0.4	0.0471	10
17-Sep-08	STATION 22C	TSP-9	777	0.56	0.1454	UPWIND
	STATION 29B	TSP-6	1120	0.81	0.0348	14
	STATION 40	TSP-5	1280	0.92	0.0266	11
	STATION 41	TSP-11	1238	0.88	0.1494	62
	STATION 42	TSP-8	414	0.3	0.058	24
18-Sep-08	STATION 22C	TSP-9	693	0.49	0.0909	UPWIND
	STATION 29B	TSP-6	1158	0.83	0.0406	27
	STATION 40	TSP-5	1485	1.02	0.029	19
	STATION 41	TSP-11	1305	0.9	0.1341	88
	STATION 42	TSP-8	603	0.43	0.0431	28

TABLE 3.2.4

**GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
19-Sep-08	STATION 22C	TSP-9	846	0.53	0.0946	62
	STATION 29B	TSP-6	281	*	*	*
	STATION 40	TSP-5	1604	1.01	0.0424	28
	STATION 41	TSP-11	1219	0.85	0.1198	79
	STATION 42	TSP-8	NR	NR	NR	NR
22-Sep-08	STATION 22C	TSP-9	925	0.71	0.0886	58
	STATION 29B	TSP-6	49	*	*	*
	STATION 40	TSP-5	1375	1.01	0.0458	30
	STATION 41	TSP-11	1224	0.9	0.1168	77
	STATION 42	TSP-8	53	0.04	ND(0.0189)	UPWIND
23-Sep-08	STATION 22C	TSP-9	943	0.67	0.1018	82
	STATION 29B	TSP-6	697	*	*	*
	STATION 40	TSP-5	1351	0.95	0.1488	120 ⁽²⁾
	STATION 41	TSP-11	1210	0.87	0.0479	39
	STATION 42	TSP-8	498	0.36	0.0743	UPWIND
24-Sep-08	STATION 22C	TSP-9	1084	0.76	0.2251	181 ⁽²⁾
	STATION 29B	TSP-6	NR	NR	NR	NR
	STATION 40	TSP-5	1507	1.04	0.0411	33
	STATION 41	TSP-11	590	*	*	*
	STATION 42	TSP-8	953	0.67	0.0199	16
25-Sep-08	STATION 22C	TSP-9	1170	0.76	0.3085	UPWIND
	STATION 29B	TSP-6	NR	NR	NR	NR
	STATION 40	TSP-5	1658	1.04	0.035	7
	STATION 41	TSP-11	1267	0.9	0.1586	31
	STATION 42	TSP-8	939	0.6	0.0202	4
26-Sep-08	STATION 22C	TSP-9	1087	0.82	0.4609	UPWIND
	STATION 29B	TSP-6	NR	NR	NR	NR
	STATION 40	TSP-5	1357	1.01	0.0383	5
	STATION 41	TSP-11	1349	0.91	0.2113	27
	STATION 42	TSP-8	680	0.52	0.0338	4
27-Sep-08	STATION 22C	TSP-9	1491	0.87	0.1583	21
	STATION 41	TSP-11	1059	0.83	0.0538	7
	STATION 42	TSP-8	741	0.44	0.0378	5
29-Sep-08	STATION 22C	TSP-9	859	0.62	0.1665	UPWIND
	STATION 29B	TSP-6	1102	0.8	0.108	39
	STATION 40	TSP-5	1316	0.93	0.0555	20
	STATION 41	TSP-11	1196	0.91	0.0769	28
	STATION 42	TSP-8	525	0.38	0.1848	66
30-Sep-08	STATION 22C	TSP-9	1012	0.74	0.1532	UPWIND
	STATION 29B	TSP-6	1212	0.89	0.0479	19
	STATION 40	TSP-5	1387	1	0.0389	15
	STATION 41	TSP-11	1343	0.97	0.0678	27
	STATION 42	TSP-8	505	0.37	0.0832	33

TABLE 3.2.4

GROUP 16 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
01-Oct-08	STATION 22C	TSP-9	995	0.68	0.393	UPWIND
	STATION 29B	TSP-6	1249	0.87	0.0985	15
	STATION 40	TSP-5	1509	1.01	0.0404	6
	STATION 41	TSP-11	761	*	*	*
	STATION 42	TSP-8	629	0.43	0.0843	13
02-Oct-08	STATION 22C	TSP-9	799	0.59	0.2165	60
	STATION 29B	TSP-6	1169	0.86	0.0659	18
	STATION 40	TSP-5	1261	1.01	0.0404	11
	STATION 41	TSP-11	56	*	*	*
	STATION 42	TSP-8	546	0.4	0.0696	19
03-Oct-08	STATION 22C	TSP-9	650	0.48	0.3585	560 ⁽²⁾
	STATION 29B	TSP-6	1173	0.87	0.0682	107 ⁽²⁾
	STATION 40	TSP-5	1304	0.96	0.0383	UPWIND
	STATION 41	TSP-11	648	0.58	0.1867	292 ⁽²⁾
	STATION 42	TSP-8	542	0.4	0.1015	159 ⁽²⁾
04-Oct-08	STATION 22C	TSP-9	987	0.61	0.306	326 ⁽²⁾
	STATION 29B	TSP-6	1369	0.86	0.0562	UPWIND
	STATION 40	TSP-5	1483	0.92	0.0371	40
	STATION 41	TSP-11	1281	0.8	0.1023	109 ⁽²⁾
	STATION 42	TSP-8	691	0.43	0.0622	66
06-Oct-08	STATION 22C	TSP-9	762	0.54	0.3911	330 ⁽²⁾
	STATION 29B	TSP-6	1212	0.86	0.052	44
	STATION 40	TSP-5	1299	0.89	0.0354	30
	STATION 41	TSP-11	1089	0.75	0.169	143 ⁽²⁾
	STATION 42	TSP-8	606	0.43	0.071	UPWIND
07-Oct-08	STATION 22C	TSP-9	631	0.45	0.1506	309 ⁽²⁾
	STATION 29B	TSP-6	1192	0.85	0.0378	78
	STATION 40	TSP-5	1337	0.9	0.0292	UPWIND
	STATION 41	TSP-11	1148	0.78	0.0409	84
	STATION 42	TSP-8	519	0.37	0.0617	127 ⁽²⁾

Notes:

* Results not reported due to machine malfunction.

** UPWIND machine did not run, therefore percent allowable not calculable.

J Estimated result. Results if less than the reporting limit.

ND Not detected.

⁽¹⁾ Exceedance due to TSP unit downwind of generator and increased particulate from exhaust.⁽²⁾ Exceedance due to increased work activities and less than average rainfall.

TABLE 3.2.5

GROUP 17 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
25-Jul-08	STATION 1C	TSP-12	628	0.45	0.1736	271 ⁽¹⁾
	STATION 31A	TSP-1	1235	0.87	0.0421	66
	STATION 43	TSP-18	4	*	*	*
	STATION 44	TSP-19	990	0.88	0.0384	UPWIND
26-Jul-08	STATION 1C	TSP-12	777	0.47	0.1248	505 ⁽¹⁾
	STATION 31A	TSP-1	1751	1.04	0.0148	UPWIND
	STATION 43	TSP-18	2	*	*	*
	STATION 44	TSP-19	1441	0.87	0.0354	143 ⁽¹⁾
27-Jul-08	STATION 1C	TSP-12	495	0.4	0.1273	173 ⁽¹⁾
	STATION 31A	TSP-1	2	*	*	*
	STATION 44	TSP-19	1068	0.87	0.044	UPWIND
06-Aug-08	STATION 1C	TSP-12	341	0.23	0.217	354 ⁽²⁾
	STATION 31A	TSP-1	982	0.64	0.0367	UPWIND
	STATION 43	TSP-18	1287	0.88	0.0412	67
	STATION 44	TSP-19	1237	0.83	0.0372	61
07-Aug-08	STATION 1C	TSP-12	754	0.55	0.0557	219 ⁽²⁾
	STATION 31A	TSP-1	1119	0.79	0.0152	UPWIND
	STATION 43	TSP-18	1207	0.91	0.0323	127 ⁽²⁾
	STATION 44	TSP-19	1209	0.88	0.0314	124 ⁽²⁾
08-Aug-08	STATION 1C	TSP-12	820	0.56	0.0439	UPWIND
	STATION 31A	TSP-1	1290	0.85	0.0217	30
	STATION 43	TSP-18	1366	0.92	0.0439	60
	STATION 44	TSP-19	1272	0.88	0.0401	55
11-Aug-08	STATION 1C	TSP-12	694	0.49	0.0418	UPWIND
	STATION 31A	TSP-1	1254	0.87	0.0255	37
	STATION 43	TSP-18	1280	0.89	0.0469	67
	STATION 44	TSP-19	1117	0.79	0.043	62
12-Aug-08	STATION 1C	TSP-12	780	0.55	0.0436	UPWIND
	STATION 31A	TSP-1	1273	0.87	0.0346	48
	STATION 43	TSP-18	1289	0.9	0.0652	90
	STATION 44	TSP-19	1250	0.88	0.0496	68
13-Aug-08	STATION 1C	TSP-12	794	0.54	0.1108	UPWIND
	STATION 31A	TSP-1	1276	0.86	0.0611	33
	STATION 43	TSP-18	1249	0.89	0.0689	37
	STATION 44	TSP-19	1271	0.88	0.1101	60
14-Aug-08	STATION 1C	TSP-12	781	0.55	0.0883	UPWIND
	STATION 31A	TSP-1	1159	0.79	0.0362	25
	STATION 43	TSP-18	1298	0.9	0.0578	39
	STATION 44	TSP-19	1249	0.88	0.0616	42
15-Aug-08	STATION 1C	TSP-12	400	0.28	0.095	UPWIND
	STATION 31A	TSP-1	1334	0.9	0.0352	22
	STATION 43	TSP-18	1300	0.9	0.0615	39
	STATION 44	TSP-19	1266	0.89	0.0379	24

TABLE 3.2.5

GROUP 17 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
16-Aug-08	STATION 31A	TSP-1	1429	0.92	0.0168	**
	STATION 43	TSP-18	1398	0.9	0.0222	**
17-Aug-08	STATION 43	TSP-18	1230	0.92	0.061	**
18-Aug-08	STATION 1C	TSP-12	816	0.55	0.136	102 ⁽²⁾
	STATION 31A	TSP-1	1225	0.77	0.08	UPWIND
	STATION 43	TSP-18	1389	0.91	0.0504	38
	STATION 44	TSP-19	1290	0.85	0.1155	86
19-Aug-08	STATION 1C	TSP-12	755	0.55	0.0848	UPWIND
	STATION 31A	TSP-1	1262	0.91	0.0365	26
	STATION 43	TSP-18	1256	0.9	0.1529	108 ⁽²⁾
	STATION 44	TSP-19	1206	0.88	0.0846	60
20-Aug-08	STATION 1C	TSP-12	784	0.55	0.0867	50
	STATION 31A	TSP-1	1212	0.83	0.0619	36
	STATION 43	TSP-18	1286	0.89	0.2449	141 ⁽²⁾
	STATION 44	TSP-19	1258	0.88	0.1041	UPWIND
21-Aug-08	STATION 1C	TSP-12	773	0.55	0.1501	100 ⁽²⁾
	STATION 31A	TSP-1	1195	0.83	0.0803	54
	STATION 43	TSP-18	1262	0.89	0.1165	78
	STATION 44	TSP-19	1237	0.88	0.0897	UPWIND
22-Aug-08	STATION 1C	TSP-12	806	0.54	0.1253	95
	STATION 31A	TSP-1	1273	0.88	0.0668	51
	STATION 43	TSP-18	1318	0.91	0.0926	70
	STATION 44	TSP-19	1283	0.88	0.0787	UPWIND
23-Aug-08	STATION 1C	TSP-12	636	0.4	0.1352	UPWIND
	STATION 31A	TSP-1	1305	0.78	0.0559	25
	STATION 43	TSP-18	1483	0.9	0.0627	28
	STATION 44	TSP-19	1337	0.84	0.0651	29
25-Aug-08	STATION 1C	TSP-12	478	0.34	0.0941	UPWIND
	STATION 31A	TSP-1	1163	0.79	0.0447	28
	STATION 43	TSP-18	785	0.55	0.2892	184 ⁽²⁾
	STATION 44	TSP-19	1221	0.85	0.0868	55
26-Aug-08	STATION 1C	TSP-12	568	0.41	0.0915	UPWIND
	STATION 31A	TSP-1	1457	1.03	0.0295	19
	STATION 43	TSP-18	1226	0.88	0.1599	105 ⁽²⁾
	STATION 44	TSP-19	1191	0.86	0.0999	65
27-Aug-08	STATION 1C	TSP-12	649	0.44	0.0863	UPWIND
	STATION 31A	TSP-1	1426	0.96	0.0309	21
	STATION 43	TSP-18	1290	0.9	0.1419	98
	STATION 44	TSP-19	1269	0.88	0.0678	47

TABLE 3.2.5

**GROUP 17 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
05-Sep-08	STATION 1C	TSP-12	291	0.21	0.2612	271 ⁽²⁾
	STATION 31A	TSP-1	728	0.49	0.0577	UPWIND
	STATION 43	TSP-18	1292	0.89	0.031	32
	STATION 44	TSP-19	1175	0.82	0.063	65
06-Sep-08	STATION 1C	TSP-12	883	0.56	0.06	UPWIND
	STATION 31A	TSP-1	1453	0.89	0.0323	32
	STATION 43	TSP-18	316	*	*	*
	STATION 44	TSP-19	1335	0.85	0.0637	64
08-Sep-08	STATION 1C	TSP-12	701	0.49	0.1241	112 ⁽²⁾
	STATION 31A	TSP-1	1321	0.92	0.0409	37
	STATION 43	TSP-18	809	0.56	0.0853	77
	STATION 44	TSP-19	1195	0.83	0.0661	UPWIND
09-Sep-08	STATION 1C	TSP-12	625	0.44	0.0496	**
	STATION 31A	TSP-1	1323	0.89	0.0302	**
10-Sep-08	STATION 1C	TSP-12	710	0.5	0.1014	UPWIND
	STATION 31A	TSP-1	1300	0.91	0.0677	40
	STATION 43	TSP-18	1283	0.89	0.2369	140 ⁽²⁾
	STATION 44	TSP-19	1232	0.86	0.0633	37
11-Sep-08	STATION 31A	TSP-1	1181	0.8	0.0593	49
	STATION 43	TSP-18	1375	0.95	0.1505	125 ⁽²⁾
	STATION 44	TSP-19	1193	0.84	0.0721	UPWIND
13-Sep-08	STATION 1C	TSP-12	743	0.46	0.1642	135 ⁽²⁾
	STATION 31A	TSP-1	1377	0.84	0.0661	54
	STATION 43	TSP-18	1404	0.88	0.057	47
	STATION 44	TSP-19	1193	0.78	0.0729	UPWIND
15-Sep-08	STATION 1C	TSP-12	179	0.13	0.1397	UPWIND
	STATION 31A	TSP-1	1262	0.86	0.0254	11
	STATION 43	TSP-18	893	0.62	0.047	20
	STATION 44	TSP-19	1098	0.8	0.0474	20
16-Sep-08	STATION 1C	TSP-12	114	0.08	0.4561	UPWIND
	STATION 31A	TSP-1	1262	0.86	0.0404	5
	STATION 43	TSP-18	955	0.66	0.0429	6
	STATION 44	TSP-19	1282	0.9	0.0468	6
17-Sep-08	STATION 1C	TSP-12	116	0.08	0.3621	UPWIND
	STATION 31A	TSP-1	1221	0.81	0.0663	11
	STATION 43	TSP-18	947	0.64	0.0781	13
	STATION 44	TSP-19	1225	0.85	0.0776	13
18-Sep-08	STATION 1C	TSP-12	638	0.46	0.0611	UPWIND
	STATION 31A	TSP-1	1153	0.81	0.0659	65
	STATION 43	TSP-18	1081	0.77	0.0916	90
	STATION 44	TSP-19	1243	0.89	0.0732	72

TABLE 3.2.5

GROUP 17 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume</i> <i>m3</i>	<i>Average Flow</i> <i>m3/min</i>	<i>TSP Concentration</i> <i>mg/m3</i>	<i>Percent Allowable</i> <i>%</i>
19-Sep-08	STATION 1C	TSP-12	248	0.15	0.2661	183 ⁽²⁾
	STATION 31A	TSP-1	1191	0.78	0.0714	49
	STATION 43	TSP-18	1065	0.63	0.1221	84
	STATION 44	TSP-19	1469	0.89	0.0871	UPWIND
22-Sep-08	STATION 1C	TSP-12	108	0.08	1.213	475 ⁽²⁾
	STATION 31A	TSP-1	888	0.64	0.1554	61
	STATION 43	TSP-18	830	0.61	0.2458	96
	STATION 44	TSP-19	1040	0.77	0.1529	UPWIND
23-Sep-08	STATION 1C	TSP-12	113	0.08	0.6283	295 ⁽²⁾
	STATION 31A	TSP-1	1155	0.81	0.1342	63
	STATION 43	TSP-18	932	0.66	0.22	103 ⁽²⁾
	STATION 44	TSP-19	1223	0.86	0.1276	UPWIND
24-Sep-08	STATION 1C	TSP-12	218	0.15	0.4817	UPWIND
	STATION 31A	TSP-1	1148	0.78	0.1098	14
	STATION 43	TSP-18	960	0.66	0.1948	24
	STATION 44	TSP-19	1249	0.86	0.0921	11
25-Sep-08	STATION 1C	TSP-12	381	0.27	0.0787	UPWIND
	STATION 31A	TSP-1	1111	0.76	0.063	48
	STATION 43	TSP-18	897	0.63	0.1483	113 ⁽²⁾
	STATION 44	TSP-19	1248	0.88	0.1066	81
26-Sep-08	STATION 1C	TSP-12	426	0.28	0.0657	UPWIND
	STATION 31A	TSP-1	1056	0.68	0.1032	94
	STATION 44	TSP-19	1350	0.89	0.1044	95
27-Sep-08	STATION 1C	TSP-12	473	0.27	0.0423	UPWIND
	STATION 31A	TSP-1	1399	0.78	0.0357	51
	STATION 43	TSP-18	0	*	*	*
	STATION 44	TSP-19	1450	0.83	0.0524	74
29-Sep-08	STATION 1C	TSP-12	593	0.42	0.1383	323 ⁽²⁾
	STATION 31A	TSP-1	1171	0.81	0.0256	UPWIND
	STATION 43	TSP-18	1114	0.8	0.0673	157 ⁽²⁾
	STATION 44	TSP-19	1415	1.02	0.0021	5
30-Sep-08	STATION 1C	TSP-12	182	*	*	*
	STATION 31A	TSP-1	1235	0.85	0.0186	UPWIND
	STATION 43	TSP-18	1146	0.82	0.041	132 ⁽²⁾
	STATION 44	TSP-19	1193	0.86	0.0151	49
01-Oct-08	STATION 1C	TSP-12	654	0.44	0.0061	12
	STATION 31A	TSP-1	1221	0.8	0.0311	UPWIND
	STATION 43	TSP-18	1252	0.84	0.028	54
	STATION 44	TSP-19	1325	0.89	0.0226	44

TABLE 3.2.5

**GROUP 17 TSP AIR MONITORING RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

<i>Date</i>	<i>Location</i>	<i>Unit ID</i>	<i>Total Volume m3</i>	<i>Average Flow m3/min</i>	<i>TSP Concentration mg/m3</i>	<i>Percent Allowable %</i>
02-Oct-08	STATION 1C	TSP-12	608	0.45	0.0049	9
	STATION 31A	TSP-1	1195	0.86	0.0176	34
	STATION 43	TSP-18	1179	0.86	0.0416	80
	STATION 44	TSP-19	1227	0.89	0.031	UPWIND
03-Oct-08	STATION 1C	TSP-12	939	0.67	0.2087	403 ⁽²⁾
	STATION 31A	TSP-1	1227	0.83	0.0473	91
	STATION 43	TSP-18	1221	0.84	0.0827	160 ⁽²⁾
	STATION 44	TSP-19	0	*	*	*
05-Oct-08	STATION 43	TSP-18	312	*	*	*

Notes:

* Results not reported due to machine malfunction.

** UPWIND machine did not run, therefore, percent allowable not calculable.

⁽¹⁾ Exceedance attributed to increased work activities.

⁽²⁾ Exceedance attributed to increased work activities and less than average rainfall.

TABLE 3.3

**GROUNDWATER MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Location		<i>B-X143Y193CG</i>	<i>MW-X143Y245D-1</i>	<i>MW-X143Y245D-1</i>	<i>MW-X143Y245D-2</i>	<i>MW-X143Y245D-2</i>	<i>MW-X143Y245S</i>	<i>SU-X168Y224 Abandoned</i>	<i>SU-X168Y224 Abandoned</i>	<i>SU-X168Y224 Abandoned</i>
Sample Identification		<i>GW-022508-JN-091</i>	<i>GW-052903-JW-025</i>	<i>GW-061506-PG-042</i>	<i>GW-042803-MG-015</i>	<i>GW-061406-PG-041</i>	<i>GW-031203-BT-002</i>	<i>GW-021302-JW-001</i>	<i>GW-080504-JK-066</i>	<i>GW-080504-JK-067</i>
Sample Date		2/25/2008	5/29/2003	6/15/2006	4/28/2003	6/14/2006	3/12/2003	2/13/2002	8/5/2004	8/5/2004
Sample Type										Duplicate
Sample Area		<i>A021-2</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>
	<i>Units</i>									
<i>Field Parameters</i>										
Conductivity Field	mS/cm	1.879	0.860	0.911	0.815	1.005	0.825	0.158	0.455	--
pH Field	s.u.	7.02	7.50	7.19	7.29	7.22	7.15	7.76	7.88	--
<i>PCBs</i>										
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.59 J	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.2 UJ	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.40 U	0.20 U	0.40 UJ	0.20 U	0.40 U	0.4 UJ	0.40 U	0.40 U
Aroclor-1242 (PCB-1242)	ug/L	2.9	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.2 UJ	0.58	0.51
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.2 UJ	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.2 UJ	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.078 J	0.20 U	0.042 J	0.20 UJ	0.20 U	0.20 U	0.2 UJ	0.20 U	0.20 U
Total PCBs	ug/L	2.978 J	0	0.042 J	0	0	0	0.59 J	0.58	0.51
Aroclor-1016 (PCB-1016) (Dissolved)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.066 J	0.20 U	0.20 UJ
Aroclor-1221 (PCB-1221) (Dissolved)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 UJ
Aroclor-1232 (PCB-1232) (Dissolved)	ug/L	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.40 U	0.4 U	0.40 U	0.40 UJ
Aroclor-1242 (PCB-1242) (Dissolved)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 UJ
Aroclor-1248 (PCB-1248) (Dissolved)	ug/L	1.7	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 UJ
Aroclor-1254 (PCB-1254) (Dissolved)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 UJ
Aroclor-1260 (PCB-1260) (Dissolved)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 UJ
Total PCBs (Dissolved)	ug/L	1.7	0	0	0	0	0	0.066 J	0	0
<i>Volatile Organic Compounds - Select List</i>										
Bromodichloromethane	ug/L	--	0.97 J	--	1.0 U	--	1.0 U	1 U	--	--
Bromoform	ug/L	--	1.0 UJ	--	1.0 U	--	1.0 U	1 UJ	--	--
Bromomethane (Methyl Bromide)	ug/L	--	1.0 U	--	1.0 U	--	1.0 UJ	1 UJ	--	--
Carbon tetrachloride	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 UJ	--	--
Chlorobenzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Chloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 UJ	--	--
Chloroform (Trichloromethane)	ug/L	--	6.0	--	1.0 U	--	1.0 U	1 U	--	--
Chloromethane (Methyl Chloride)	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Dibromochloromethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,2-Dichlorobenzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,3-Dichlorobenzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,4-Dichlorobenzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Dichlorodifluoromethane (CFC-12)	ug/L	--	1.0 U	--	1.0 UJ	--	1.0 U	1 UJ	--	--
1,1-Dichloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,2-Dichloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,1-Dichloroethene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
trans-1,2-Dichloroethene	ug/L	--	0.50 U	--	0.50 U	--	0.50 U	0.5 U	--	--
1,2-Dichloropropane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
cis-1,3-Dichloropropene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
trans-1,3-Dichloropropene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Methylene chloride	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 UJ	--	--
1,1,2,2-Tetrachloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Tetrachloroethene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--

TABLE 3.3

**GROUNDWATER MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Location		<i>B-X143Y193CG</i>	<i>MW-X143Y245D-1</i>	<i>MW-X143Y245D-1</i>	<i>MW-X143Y245D-2</i>	<i>MW-X143Y245D-2</i>	<i>MW-X143Y245S</i>	<i>SU-X168Y224 Abandoned</i>	<i>SU-X168Y224 Abandoned</i>	<i>SU-X168Y224 Abandoned</i>
Sample Identification		<i>GW-022508-JN-091</i>	<i>GW-052903-JW-025</i>	<i>GW-061506-PG-042</i>	<i>GW-042803-MG-015</i>	<i>GW-061406-PG-041</i>	<i>GW-031203-BT-002</i>	<i>GW-021302-JW-001</i>	<i>GW-080504-JK-066</i>	<i>GW-080504-JK-067</i>
Sample Date		<i>2/25/2008</i>	<i>5/29/2003</i>	<i>6/15/2006</i>	<i>4/28/2003</i>	<i>6/14/2006</i>	<i>3/12/2003</i>	<i>2/13/2002</i>	<i>8/5/2004</i>	<i>8/5/2004</i>
Sample Type										<i>Duplicate</i>
Sample Area		<i>A021-2</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A015 Monitoring_Well</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>
	<i>Units</i>									
1,1,1-Trichloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
1,1,2-Trichloroethane	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Trichloroethene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Trichlorofluoromethane (CFC-11)	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Vinyl chloride	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Benzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Ethylbenzene	ug/L	--	1.0 U	--	1.0 U	--	1.0 U	1 U	--	--
Toluene	ug/L	--	9.7	--	3.9	--	1.0 U	1 U	--	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

UJ - Estimated reporting limit.

TABLE 3.4

**LEACHATE COLLECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		A007	A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS
Sample Identification		WL-AOI7-083006-TP-21362	WL-AOI7-092806-AH-21415	WL-AOI7-101706-AH-21562	WL-AOI7-110906-MD-21637	WL-AOI7-122006-MD-21661	WL-AOI7-011807-MD-21748	WL-AOI7-022107-AH-21815	WL-AOI7-032007-MD-21861
Sample Date		8/30/2006	9/28/2006	10/17/2006	11/9/2006	12/20/2006	1/18/2007	2/21/2007	3/20/2007
<i>Units</i>									
<i>PCBs</i>									
Aroclor-1016 (PCB-1016)	ug/L	20 U	40 U	0.20 U	20 U	10 U	8.0 U	0.20 U	1.0 U
Aroclor-1221 (PCB-1221)	ug/L	20 U	40 U	0.20 U	20 U	10 U	8.0 U	0.20 U	1.0 U
Aroclor-1232 (PCB-1232)	ug/L	20 U	40 U	0.20 U	20 U	10 U	8.0 U	0.20 U	1.0 U
Aroclor-1242 (PCB-1242)	ug/L	180	40 U	0.85	20 U	10 U	83	0.49	1.0 U
Aroclor-1248 (PCB-1248)	ug/L	20 U	590	0.20 U	250	93	8.0 U	0.20 U	22
Aroclor-1254 (PCB-1254)	ug/L	20 U	40 U	0.20 U	20 U	10 U	8.0 U	0.20 U	1.0 U
Aroclor-1260 (PCB-1260)	ug/L	20 U	40 U	0.20 U	20 U	10 U	8.0 U	0.20 U	1.0 U
Total PCBs	ug/L	180	590	0.85	250	93	83	0.49	22
<i>Volatile Organic Compounds</i>									
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chloroethyl vinyl ether	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
<i>Field Parameters</i>									
Conductivity Field	mS/cm	1.805	0.155	--	0.088	1.43	--	--	--
pH Field	s.u.	8.2	6.53	--	6.82	6.93	--	--	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

TABLE 3.4
LEACHATE COLLECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Sample Area		A007	A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS
Sample Identification		WL-AOI7-041207-AH-31013	WL-AOI7-050907-AH-31077	WL-AOI7-062007-AH-31114	WL-AOI7-073107-AH-31161	WL-AOI7-083007-AH-31232	WL-AOI7-092407-AH-31255	WL-AOI7-102407-AH-31305	WL-AOI7-111507-AH-31391
Sample Date		4/12/2007	5/9/2007	6/20/2007	7/31/2007	8/30/2007	9/24/2007	10/24/2007	11/15/2007
	Units								
PCBs									
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	1.0 U	2.0 U	1.0 U	6.0	1.0 U	9.0	0.81
Aroclor-1248 (PCB-1248)	ug/L	2.2	16	24	16	1.0 U	11	1.0 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	1.2	2.0 U	1.1	1.0 U	1.0 U	0.80 J	0.20 U
Total PCBs	ug/L	2.2	17.2	24	17.1	6	11	9.8 J	0.81
Volatile Organic Compounds									
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chloroethyl vinyl ether	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Field Parameters									
Conductivity Field	mS/cm	--	--	--	0.015	--	1.111	--	--
pH Field	s.u.	--	--	--	7.34	--	7.28	--	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

TABLE 3.4

**LEACHATE COLLECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		A007	A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS
Sample Identification		WL-AOI7-122007-JN-31511	WL-AOI7-013008-AH-31660	WL-AOI7-022708-CH-31677	WL-AOI7-032808-CH-31714	WL-AOI7-042908-MB-27612	WL-AOI7-052708-MB-31841	WL-AOI7-062408-MB-27730	WL-AOI7-072908-MB-31983
Sample Date		12/21/2007	1/30/2008	2/27/2008	3/28/2008	4/29/2008	5/27/2008	6/24/2008	7/29/2008
<i>Units</i>									
<i>PCBs</i>									
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	2.7	0.99	1.0	0.40 U	0.20 U	0.69	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	4.9	0.20 U	0.20 U	1.1	2.0
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.30	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	2.7	0.99	1.3	4.9	0	0.69	1.1	2
<i>Volatile Organic Compounds</i>									
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chloroethyl vinyl ether	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
<i>Field Parameters</i>									
Conductivity Field	mS/cm	--	--	--	--	--	--	--	--
pH Field	s.u.	--	--	--	--	--	--	--	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

TABLE 3.4
LEACHATE COLLECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Sample Area		A007	A007	A007	A007	A007
Sample Location		EPA LCS	EPA LCS	EPA LCS	EPA LCS	EPA LCS
Sample Identification		WL-AOI7-082508-MB-37008	WL-AOI7-091508-MB-37010	WL-AOI7-102108-MB-37050	WL-AOI7-111808-MB-37081	WL-AOI7-121608-MB-37174
Sample Date		8/25/2008	9/15/2008	10/21/2008	11/18/2008	12/16/2008
Units						
PCBs						
Aroclor-1016 (PCB-1016)	ug/L	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	3.4	2.2	0.38	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.95	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	4.35	2.2	0.38	0	0
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	--
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chloroethyl vinyl ether	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl Bromide)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl Chloride)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Field Parameters						
Conductivity Field	mS/cm	--	--	--	--	--
pH Field	s.u.	--	--	--	--	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

TABLE 3.5

**LEAK DETECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		<i>A007</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>	<i>A007</i>
Sample Location		<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>	<i>EPA LDS</i>
Sample Identification		WL-AOI7-083006-TP-21363	WL-AOI7-091306-MD-21379	WL-AOI7-092806-AH-21414	WL-AOI7-101706-AH-21561	WL-AOI7-110906-MD-21638	WL-AOI7-122006-MD-21660	WL-AOI7-011807-MD-21749	WL-AOI7-022107-AH-21816
Sample Date		8/30/2006	9/13/2006	9/28/2006	10/17/2006	11/9/2006	12/20/2006	1/18/2007	2/21/2007
Sample type									
<i>Units</i>									
<i>PCBs</i>									
Aroclor-1016 (PCB-1016)	ug/L	10 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	10 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	10 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	10 U	3.8	1.0 U	2.5	0.20 U	3.3	3.8	0.52
Aroclor-1248 (PCB-1248)	ug/L	40	0.20 U	1.0 U	0.20 U	2.4	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	10 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	10 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	40	3.8	0	2.5	2.4	3.3	3.8	0.52
<i>Field Parameters</i>									
Conductivity Field	mS/cm	0.894	1.604	--	0.055	--	--	--	--
pH Field	s.u.	8.18	6.86	--	6.6	--	--	--	--

TABLE 3.5

**LEAK DETECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		A007	A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS
Sample Identification		WL-AOI7-032007-MD-21860	WL-AOI7-041207-AH-31012	WL-AOI7-050907-AH-31076	WL-AOI7-062007-AH-31113	WL-AOI7-073107-AH-31160	WL-AOI7-083007-AH-31231	WL-AOI7-092407-AH-31254	WL-AOI7-102407-AH-31304
Sample Date		3/20/2007	4/12/2007	5/9/2007	6/20/2007	7/31/2007	8/30/2007	9/24/2007	10/24/2007
Sample type									
<i>Units</i>									
PCBs									
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	1.0 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	1.0 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	1.0 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	8.6	4.7	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.38	0.31	1.0	0.16 J	1.0 U	1.0 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	1.0 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.37	0.20 U	1.0 U	1.0 U	0.20 U
Total PCBs	ug/L	0	0.38	0.31	1.37	0.16 J	8.6	4.7	0
Field Parameters									
Conductivity Field	mS/cm	--	--	--	--	--	--	--	--
pH Field	s.u.	--	--	--	--	--	--	--	--

TABLE 3.5

**LEAK DETECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		A007	A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS
Sample Identification		WL-AOI7-111507-AH-31390	WL-AOI7-122007-JN-31510	WL-AOI7-013008-AH-31659	WL-AOI7-022708-CH-31675	WL-AOI7-022708-CH-31676	WL-AOI7-032808-CH-31713	WL-AOI7-042908-MB-27611	WL-AOI7-052708-MB-31840
Sample Date		11/15/2007	12/20/2007	1/30/2008	2/27/2008	2/27/2008	3/28/2008	4/29/2008	5/27/2008
Sample type									
<i>Units</i>									
PCBs									
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	3.8	16	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.31
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	2.0 U	0.47	0.23	0.13 J	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	2.5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	3.8	18.5	0.47	0.23	0.13 J	0	0	0.31
Field Parameters									
Conductivity Field	mS/cm	--	--	--	--	--	--	--	--
pH Field	s.u.	--	--	--	--	--	--	--	--

TABLE 3.5

**LEAK DETECTION SYSTEM MONITORING ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		A007	A007	A007	A007	A007	A007	A007
Sample Location		EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS	EPA LDS
Sample Identification		WL-AOI7-062408-MB-27729	WL-AOI7-072908-MB-31982	WL-AOI7-082508-MB-37007	WL-AOI7-091508-MB-37009	WL-AOI7-102108-MB-37049	WL-AOI7-111808-MB-37080	WL-AOI7-121608-MB-37173
Sample Date		6/24/2008	7/29/2008	8/25/2008	9/15/2008	10/21/2008	11/18/2008	12/16/2008
Sample type								
	Units							
PCBs								
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	1.0 U	2.0 U	0.20 U	0.20 U	1.0 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	1.0 U	2.0 U	0.20 U	0.20 U	1.0 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	1.0 U	2.0 U	0.20 U	0.20 U	1.0 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	8.3	11	0.20 U	0.20 U	5.7	8.0
Aroclor-1248 (PCB-1248)	ug/L	0.14 J	1.0 U	2.0 U	0.61	0.20 U	1.0 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	1.0 U	2.0 U	0.20 U	0.20 U	1.0 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	1.0 U	2.4	0.20 U	0.20 U	1.0 U	0.20 U
Total PCBs	ug/L	0.14 J	8.3	13.4 J	0.61	0	5.7	8
Field Parameters								
Conductivity Field	mS/cm	--	--	--	--	--	--	--
pH Field	s.u.	--	--	--	--	--	--	--

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216		
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent		
Sample Identification	WW-216-080206-KH-11920		WW-216-080206-KH-11925		WW-216-080706-KH-11926		WW-216-080706-KH-11929		WW-216-081506-KH-11930		WW-216-081506-KH-11934		WW-216-082106-AH-11935		WW-216-082106-AH-11938		
Sample Date	8/2/2006		8/2/2006		8/7/2006		8/7/2006		8/15/2006		8/15/2006		8/21/2006		8/21/2006		
Sample Type																	
PCBs		Units															
Aroclor-1016 (PCB-1016)	ug/L																
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1248 (PCB-1248)	ug/L	0.91	0.20 U	1.1	0.20 U	0.48	0.20 U	0.79	0.20 U	2.0	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.25 B	0.41	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.064 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
		0.91	0.25 B	1.51	0	0.544 J	0	0.79	0	2	0					0	

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8	
Sample Location	Effluent		Influent		Effluent		Influent		Effluent		Influent	
Sample Identification	WW-216-090506-AH-11952		WW-216-090506-AH-11956		WW-216-091406-KH-11957		WW-216-091406-KH-11961		WW-216-091906-GM-11981		WW-216-091906-GM-11984	
Sample Date	9/5/2006		9/5/2006		9/14/2006		9/14/2006		9/19/2006		9/19/2006	
Sample Type									9/26/2006		9/26/2006	
	Duplicate											10/2/2006
PCBs	Units											
Aroclor-1016 (PCB-1016)	ug/L											
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	1.4	0.20 U	6.3	0.20 U	5.1	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.7
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	2.4	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.40 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		1.4	0	6.3	0	5.1	0	2.4	0	0	0	1.7

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 2	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Influent	Effluent	Influent
Sample Identification	WW-216-100206-AH-27032	WW-216-101206-KH-27070	WW-216-101206-KH-27072	WW-216-101606-KH-27074	WW-216-101606-KH-27078	WW-216-102406-KH-27086	WW-216-102406-KH-27089	WW-216-103006-AH-27090	WW-216-103006-AH-27092	WW-216-110606-AH-27117	
Sample Date	10/2/2006	10/12/2006	10/12/2006	10/16/2006	10/16/2006	10/24/2006	10/24/2006	10/30/2006	10/30/2006	11/6/2006	
Sample Type											
PCBs	Units										
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	1.8	0.20 U	2.5	0.20 U	3.2	0.20 U	3.2	0.20 U	1.6
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0	1.8	0	2.5	0	3.2	0	3.2	0	1.6

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8	
Sample Location	Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent	
Sample Identification	WW-216-110606-AH-27124		WW-216-111306-AH-27126		WW-216-111306-AH-27129		WW-216-112006-AH-27130		WW-216-112006-AH-27134		WW-216-112706-AH-27147		WW-216-112706-AH-27151	
Sample Date	11/6/2006		11/13/2006		11/13/2006		11/20/2006		11/20/2006		11/27/2006		11/27/2006	
Sample Type														
Units														
PCBs														
Aroclor-1016 (PCB-1016)	ug/L													
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	1.8	0.20 U	9.0	0.20 U	0.20 U	0.20 U	0.20 U	1.1	0.20 U	0.20 U	0.20 U	1.7
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	1.3	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0	0	0	9	0	1.3	0	1.1	0	1.7			

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1	
Sample Location	Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent	
Sample Identification	WW-216-121206-AH-27167		WW-216-121806-AH-27169		WW-216-121806-AH-27172		WW-216-010207-AH-27173		WW-216-010207-AH-27180		WW-216-010907-BN-27181		WW-216-010907-BN-27184		WW-216-011707-AH-27185	
Sample Date	12/12/2006		12/18/2006		12/18/2006		1/2/2007		1/2/2007		1/9/2007		1/9/2007		1/17/2007	
Sample Type																
Units																
PCBs																
Aroclor-1016 (PCB-1016)	ug/L															
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	9.9	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	1.2	0.20 U	1.0 U	0.20 U	1.7	0.20 U	0.20 U	3.8	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	2.9
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0	1.2	0	9.9	0	1.7	0	3.8	0	2.9					

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8
Sample Location	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Sample Identification	WW-216-012307-AH-27193	WW-216-013007-AH-27197	WW-216-013007-AH-27201	WW-216-020707-AH-27202	WW-216-020707-AH-27208	WW-216-021207-AH-27210	WW-216-021207-AH-27213	WW-216-022107-AH-27214	WW-216-022107-AH-27217	WW-216-022707-AH-27220	
Sample Date	1/23/2007	1/30/2007	1/30/2007	2/7/2007	2/7/2007	2/12/2007	2/12/2007	2/21/2007	2/21/2007	2/27/2007	
Sample Type											
PCBs	Units										
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	1.4	0.20 U	0.81	0.20 U	2.2	0.20 U	5.4	0.20 U	2.5
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.042 J	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U
		0	1.4	0	0.852 J	0	2.2	0	5.4	0	2.5

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1	
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent	
Sample Identification	WW-216-022707-AH-27223		WW-216-030607-AH-27224		WW-216-030607-AH-27231		WW-216-031207-AH-27236		WW-216-031207-AH-27239		WW-216-032007-AH-27243	
Sample Date	2/27/2007		3/6/2007		3/6/2007		3/12/2007		3/12/2007		3/20/2007	
Sample Type											3/20/2007	
	Duplicate											
PCBs	Units											
Aroclor-1016 (PCB-1016)	ug/L											
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	2.0	0.20 U	2.4	0.20 U	3.0	0.11 J	2.5	2.3	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0	2	0	2.4	0	3	0.11 J	2.5	2.3	0	

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 2	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 1
Sample Location	Effluent	Influent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Influent	Effluent
Sample Identification	WW-216-040207-AH-27252	WW-216-040207-AH-27259	WW-216-041007-AH-27260	WW-216-041007-AH-27261	WW-216-041007-AH-27264	WW-216-041807-AH-27265	WW-216-041807-AH-27269	WW-216-042407-FM-27270	WW-216-042407-FM-27272	WW-216-050207-AH-27273	
Sample Date	4/2/2007	4/2/2007	4/10/2007	4/10/2007	4/10/2007	4/18/2007	4/18/2007	4/24/2007	4/24/2007	5/2/2007	
Sample Type											
Units											
PCBs											
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	5.9	0.20 U	1.3	1.2	0.20 U	3.6	0.20 U	1.6	0.20 U	2.9
Aroclor-1254 (PCB-1254)	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		5.9	0	1.3	1.2	0	3.6	0	1.6	0	2.9

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage		SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 2	SES WWTP Tag 8
Sample Location		#N/A	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Sample Identification		WW-216-050207-AH-27274	WW-216-050207-AH-27280	WW-216-050707-FM-27281	WW-216-050707-FM-27283	WW-216-051407-FM-27284	WW-216-051407-FM-27288	WW-216-052307-KH-27292	WW-216-052307-KH-27289	WW-216-053007-AH-27293	WW-216-053007-AH-27295
Sample Date		5/2/2007	5/2/2007	5/7/2007	5/7/2007	5/14/2007	5/14/2007	5/23/2007	5/23/2007	5/30/2007	5/30/2007
Sample Type		Duplicate									
	Units										
PCBs											
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	3.0	0.20 U	2.4	0.20 U	1.4	0.20 U	0.31	0.20 U	0.53	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		3	0	2.4	0	1.4	0	0.31	0	0.53	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216		P216				
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 2		SES WWTP Tag 8		
Sample Location	#N/A		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent		
Sample Identification	WW-216-060407-AH-27297		WW-216-060407-AH-27302		WW-216-061107-FM-27303		WW-216-061107-FM-27305		WW-216-061907-AH-27317		WW-216-061907-AH-27321		WW-216-062507-AH-27324		WW-216-062507-AH-27327		WW-216-070307-AH-27331		WW-216-070307-AH-27336		
Sample Date	6/4/2007		6/4/2007		6/11/2007		6/11/2007		6/19/2007		6/19/2007		6/25/2007		6/25/2007		7/3/2007		7/3/2007		
Sample Type	Units																				
PCBs																					
Aroclor-1016 (PCB-1016)	ug/L																				
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1248 (PCB-1248)	ug/L	0.40	0.20 U	0.38	0.20 U	0.20 U	0.19 J	0.20 U	0.20 U	0.33	0.20 U	0.33	0.20 U	0.45	0.20 U	0.45	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
		0.4	0	0.38	0	0.19 J	0	0.33	0	0.45	0	0.45	0	0.45	0	0.45	0	0.45	0	0	

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8	
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent	
Sample Identification	WW-216-070907-AH-27337		WW-216-070907-AH-27339		WW-216-071607-AH-27340		WW-216-071607-AH-27343		WW-216-072407-AF-27345		WW-216-072407-AF-27348		WW-216-073007-AH-27349		WW-216-073007-AH-27352	
Sample Date	7/9/2007		7/9/2007		7/16/2007		7/16/2007		7/24/2007		7/24/2007		7/30/2007		7/30/2007	
Sample Type																
Units																
PCBs																
Aroclor-1016 (PCB-1016)	ug/L															
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.43	0.20 U	0.49	0.20 U	0.20 U	0.76	0.20 U	0.40	0.20 U	0.40	0.20 U	0.20 U	0.51	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.13 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.43	0	0.49	0	0.89 J	0	0.4	0	0.4	0	0.51	0	0.51	0	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Influent	Effluent	#N/A	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification	WW-216-081607-AF-27360	WW-216-081607-AF-27362	WW-216-082007-AF-27363	WW-216-082007-AF-27366	WW-216-082707-AF-27367	WW-216-082707-AF-27371	WW-216-090407-AH-27372	WW-216-090407-AH-27379	WW-216-091007-AH-27380	WW-216-091007-AH-27383	WW-216-091007-AH-27383
Sample Date	8/16/2007	8/16/2007	8/20/2007	8/20/2007	8/27/2007	8/27/2007	9/4/2007	9/4/2007	9/10/2007	9/10/2007	9/10/2007
Sample Type											
Units											
PCBs											
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.35	0.20 U	0.28	0.20 U	0.18 J	0.20 U	0.42	0.20 U	0.48	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.35	0	0.28	0	0.18 J	0	0.42	0	0.48	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 2		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8	
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent	
Sample Identification	WW-216-091807-AH-27384		WW-216-091807-AH-27387		WW-216-092407-AF-27389		WW-216-092407-AF-27392		WW-216-100107-AH-27392		WW-216-100107-AH-27397		WW-216-100807-AH-27398		WW-216-100807-AH-27401	
Sample Date	9/18/2007		9/18/2007		9/24/2007		9/24/2007		10/1/2007		10/1/2007		10/8/2007		10/8/2007	
Sample Type																
Units																
PCBs																
Aroclor-1016 (PCB-1016)	ug/L															
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.27	0.20 U	0.36	0.20 U	0.20 U	0.38	0.20 U	0.40	0.20 U	0.40	0.20 U	0.48	0.20 U	0.48	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.27	0	0.36	0	0.38	0	0.4	0	0.4	0	0.48	0	0.48	0	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216		P216		
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		
Sample Identification	WW-216-102207-AH-27406		WW-216-102207-AH-27408		WW-216-103007-AH-27409		WW-216-103007-AH-27412		WW-216-110607-AH-27413		WW-216-110607-AH-27418		WW-216-111607-AH-27419		WW-216-111607-AH-27422		WW-216-112007-AH-27423		
Sample Date	10/22/2007		10/22/2007		10/30/2007		10/30/2007		11/6/2007		11/6/2007		11/16/2007		11/16/2007		11/20/2007		
Sample Type																			
PCBs		Units																	
Aroclor-1016 (PCB-1016)	ug/L																		
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1248 (PCB-1248)	ug/L	0.49	0.20 U	0.66	0.20 U	0.38	0.20 U	0.31	0.20 U	0.27	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
Total PCBs	ug/L	0.20 U	0.20 U	0.24 B	0.19 J B	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	
		0.49	0	0.9 B	0.19	0.38	0	0.31	0	0.27	0								

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8
Sample Location	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Influent
Sample Identification	WW-216-112907-AH-27466	WW-216-112907-AH-27469	WW-216-120307-AH-31469	WW-216-120307-AH-31476	WW-216-121007-AH-27471	WW-216-121007-AH-27474	WW-216-121807-AH-27475	WW-216-121807-AH-27479	WW-216-122607-JN-27479	WW-216-122607-JN-27482
Sample Date	11/29/2007	11/29/2007	12/3/2007	12/3/2007	12/10/2007	12/10/2007	12/18/2007	12/18/2007	12/26/2007	12/26/2007
Sample Type										
PCBs	Units									
Aroclor-1016 (PCB-1016)	ug/L									
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.37	0.20 U	0.49	0.20 U	1.6	0.20 U	0.76	0.20 U	0.95
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.37	0	0.49	0	1.6	0	0.76	0	0.95

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Influent	Effluent	Influent
Sample Identification	WW-216-010308-AH-27488	WW-216-010308-AH-27495	WW-216-010708-AH-27496	WW-216-010708-AH-27499	WW-216-011408-AH-27500	WW-216-011408-AH-27503	WW-216-012208-CH-27504	WW-216-012208-CH-27505	WW-216-012208-CH-27505	WW-216-012208-CH-27508	WW-216-012808-MB-27509
Sample Date	1/3/2008	1/3/2008	1/7/2008	1/7/2008	1/14/2008	1/14/2008	1/22/2008	1/22/2008	1/22/2008	1/22/2008	1/28/2008
Sample Type	Duplicate										
Units											
PCBs											
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	1.0	0.20 U	0.71	0.20 U	0.97	0.20 U	0.89	1.0	0.20 U	0.82
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		1	0	0.71	0	0.97	0	0.89	1	0	0.82

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification	WW-216-012808-MB-27512	WW-216-020408-AH-27513	WW-216-020408-AH-27520	WW-216-021308-AH-27521	WW-216-021308-AH-27524	WW-216-022008-AH-27525	WW-216-022008-AH-27529	WW-216-022808-AH-27531	WW-216-022808-AH-27534	WW-216-030508-CH-27535
Sample Date	1/28/2008	2/4/2008	2/4/2008	2/13/2008	2/13/2008	2/20/2008	2/20/2008	2/28/2008	2/28/2008	3/5/2008
Sample Type										
Units										
PCBs										
Aroclor-1016 (PCB-1016)	ug/L									
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.79	0.20 U	1.0	0.20 U	1.0	0.20 U	0.89	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.13 J	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0	0.79	0	1	0	1	0	1.02 J	0
										2.3

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8
Sample Location	Influent	Effluent	Influent	Effluent	Influent	Effluent	Effluent	Influent	Influent	Effluent	Influent
Sample Identification	WW-216-030508-CH-27542	WW-216-031008-MB-27543	WW-216-031008-MB-27546	WW-216-031808-MB-27547	WW-216-031808-MB-27550	WW-216-032408-EC-27552	WW-216-032408-EC-27553	WW-216-032408-EC-27553	WW-216-032408-EC-27556	WW-216-040108-EC-27563	WW-216-040108-EC-27570
Sample Date	3/5/2008	3/10/2008	3/10/2008	3/18/2008	3/18/2008	3/18/2008	3/24/2008	3/24/2008	3/24/2008	4/1/2008	4/1/2008
Sample Type	Duplicate										
PCBs	Units										
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.89	0.20 U	2.0 U	0.20 U	1.2	0.54	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	12	0.20 U	0.20 U	0.20 U	0.20 U	2.0	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.13 J	0.20 U	2.0 U	0.20 U	0.24	0.12 J	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.76 J	0.20 U	0.20 U	0.20 U	0.20 U	0.058 J B	0.20 U
		0	1.02 J	0	12.76 J	0	1.44	0.66 J	0	2.058 J B	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Effluent	Influent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Sample Identification	WW-216-040808-EC-27573	WW-216-040808-EC-27576	WW-216-041408-EC-27578	WW-216-041408-EC-27581	WW-216-042108-SM-27582	WW-216-042108-SM-27583	WW-216-042108-SM-27585	WW-216-042108-SM-27585	WW-216-042808-MB-27607	WW-216-042808-MB-27610
Sample Date	4/8/2008	4/8/2008	4/14/2008	4/14/2008	4/21/2008	4/21/2008	4/21/2008	4/21/2008	4/28/2008	4/28/2008
Sample Type	Duplicate									
PCBs	Units									
Aroclor-1016 (PCB-1016)	ug/L									
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.60	0.20 U	1.1	0.20 U	0.47	0.20 U	0.20 U	0.43	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.61	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.12 J	0.20 U	0.20 U	0.20 U	0.045 J	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.079 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.72 J	0	1.179 J	0	0.515 J	0.61	0	0.43	0

U - Not present at or above the associated value.

Lab Qualifiers:

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B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification	WW-216-050608-EC-27615	WW-216-050608-EC-27621	WW-216-051208-EC-27650	WW-216-051208-EC-27653	WW-216-052008-EC-27670	WW-216-052008-EC-27673	WW-216-052708-EC-27683	WW-216-052708-EC-27686	WW-216-060408-EC-27697	WW-216-060408-EC-27704	WW-216-060408-EC-27704
Sample Date	5/6/2008	5/6/2008	5/12/2008	5/12/2008	5/20/2008	5/20/2008	5/20/2008	5/27/2008	5/27/2008	6/4/2008	6/4/2008
Sample Type	Duplicate										
Units											
PCBs											
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.42	0.20 U	0.72	0.20 U	0.68	0.20 U	0.54	0.20 U	1.0	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.42	0	0.72	0	0.68	0	0.54	0	1	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216		P216		P216		P216		P216		P216		P216		P216	
Treatment Stage	SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8		SES WWTP Tag 1		SES WWTP Tag 8	
Sample Location	Influent		Effluent		Influent		Effluent		Influent		Effluent		Influent		Effluent	
Sample Identification	WW-216-061008-EC-27709		WW-216-061008-EC-27713		WW-216-061608-MB-27718		WW-216-061608-MB-27721		WW-216-062308-EC-27728		WW-216-062308-EC-27725		WW-216-070108-MB-27733		WW-216-070108-MB-27740	
Sample Date	6/10/2008		6/10/2008		6/16/2008		6/16/2008		6/23/2008		6/23/2008		7/1/2008		7/1/2008	
Sample Type																
PCBs		Units														
Aroclor-1016 (PCB-1016)	ug/L															
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	1.3	0.20 U	0.46	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.35	0.20 U	0.20 U	0.95	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.083 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		1.383 J	0	0.46	0	0.2	0	0.35	0	0.35	0	0.95	0	0.95	0	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1
Sample Location	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent	Influent
Sample Identification	WW-216-071508-MB-27748	WW-216-071508-MB-27745	WW-216-072308-MB-27753	WW-216-072308-MB-27750	WW-216-072808-MB-27757	WW-216-072808-MB-27754	WW-216-080508-MB-27777	WW-216-080508-MB-27784	WW-216-081208-MB-27793	WW-216-081208-MB-27790	WW-216-081208-MB-27790
Sample Date	7/15/2008	7/15/2008	7/23/2008	7/23/2008	7/28/2008	7/28/2008	8/5/2008	8/5/2008	8/12/2008	8/12/2008	8/12/2008
Sample Type											
PCBs	Units										
Aroclor-1016 (PCB-1016)	ug/L										
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.46	0.20 U	0.27	0.20 U	0.39	0.20 U	0.45	0.20 U	0.44	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.043 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.088 J	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.46	0	0.313 J	0	0.39	0	0.45	0	0.528 J	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area	P216	P216	P216	P216	P216	P216	P216	P216	P216
Treatment Stage	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 1	SES WWTP Tag 8	SES WWTP Tag 8
Sample Location	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	
Sample Identification	WW-216-081908-MB-27802	WW-216-081908-MB-27799	WW-216-082608-MB-27812	WW-216-082608-MB-27808	WW-216-090408-CM-27813	WW-216-090408-CM-27818	WW-216-110708-MB-27868	WW-216-110708-MB-27874	WW-216-112408-CM-27894
Sample Date	8/19/2008	8/19/2008	8/26/2008	8/26/2008	9/4/2008	9/4/2008	11/7/2008	11/7/2008	11/24/2008
Sample Type	Units								
PCBs									
Aroclor-1016 (PCB-1016)	ug/L								
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.26	0.20 U	0.23	0.20 U	0.20	0.20 U	0.35	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
		0.26	0	0.23	0	0.2	0	0.35	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.1

**SES WTP TREATMENT TRAIN #1 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>
Treatment Stage		<i>SES WWTP Tag 1</i>	<i>SES WWTP Tag 8</i>	<i>SES WWTP Tag 1</i>	<i>SES WWTP Tag 8</i>	<i>SES WWTP Tag 1</i>	<i>SES WWTP Tag 8</i>
Sample Location							
Sample Identification		WW-216-120908-MB-27908	WW-216-120908-MB-27914	WW-216-121808-EC-27915	WW-216-121808-EC-27918	WW-216-122408-JN-27919	WW-216-122408-JN-27922
Sample Date		12/9/2008	12/9/2008	12/18/2008	12/18/2008	12/24/2008	12/24/2008
Sample Type							
	<i>Units</i>						
<i>PCBs</i>							
Aroclor-1016 (PCB-1016)	ug/L						
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.29	0.20 U	0.68	0.22 U
Aroclor-1254 (PCB-1254)	ug/L	0.24	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
Total PCBs	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U
		0.24	0	0.29	0	0.68	0

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Sample Location		SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 83
Treatment Stage		Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Sample Identification		WW-216-042208-JN-27591	WW-216-042208-JN-27592	WW-216-042208-JN-27593	WW-216-042208-JN-27594	WW-216-042208-JN-27595	WW-216-042208-JN-27596	WW-216-042208-SM-27586	WW-216-042208-SM-27587	WW-216-042208-SM-27588	WW-216-042208-SM-27589
Sample Date		4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008	4/22/2008
Sample Type			Duplicate								
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.26	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0.26	0	0	0	0	0	0	0	0

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Sample Location		SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83
Treatment Stage		Effluent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent
Sample Identification		WW-216-042208-SM-27590	WW-216-050808-MB-27624	WW-216-050808-MB-27625	WW-216-050908-JN-27636	WW-216-050908-JN-27632	WW-216-051008-JN-27640	WW-216-051008-JN-27637	WW-216-051108-JN-27644	WW-216-051108-JN-27641	WW-216-051208-JN-27649
Sample Date		4/22/2008	5/8/2008	5/8/2008	5/9/2008	5/9/2008	5/10/2008	5/10/2008	5/11/2008	5/11/2008	5/12/2008
Sample Type											
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	2.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	1.8	0.20 U	1.4	0.20 U	1.3	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0	2.2	0	1.8	0	1.4	0	1.3	0

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Sample Location		SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage		Influent	Effluent	Influent	Effluent	Influent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification		WW-216-051208-JN-27645	WW-216-051308-MB-27657	WW-216-051308-MB-27654	WW-216-051408-MB-27661	WW-216-051408-MB-27657	WW-216-051408-MB-27658	WW-216-051508-MB-27662	WW-216-051508-MB-27665	WW-216-052008-EC-27674	WW-216-052008-EC-27678
Sample Date		5/12/2008	5/13/2008	5/13/2008	5/14/2008	5/14/2008	5/14/2008	5/15/2008	5/15/2008	5/20/2008	5/20/2008
Sample Type							Duplicate				
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.72	0.20 U	0.20 U	2.6	0.20 U	1.2	0.20 U	1.0
Aroclor-1248 (PCB-1248)	ug/L	0.95	0.20 U	0.20 U	0.20 U	2.9	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.53	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.078 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0.95	0	0.72	0	2.978 J	3.13	0	1.2	0	1

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Sample Location		SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage		Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification		WW-216-052308-EC-27681	WW-216-052308-EC-27682	WW-216-052808-MB-27687	WW-216-052808-MB-27691	WW-216-052908-MB-27692	WW-216-052908-MB-27695	WW-216-060408-EC-27705	WW-216-060408-EC-27708	WW-216-061008-EC-27714	WW-216-061008-EC-27717
Sample Date		5/23/2008	5/23/2008	5/28/2008	5/28/2008	5/29/2008	5/29/2008	6/4/2008	6/4/2008	6/10/2008	6/10/2008
Sample Type											
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.70	0.20 U	2.5	0.20 U	2.0	0.20 U	7.4	0.20 U	1.6
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.077 J	0.20 U	0.065 J	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.29	0.20 U	0.24	0.20 U	1.0 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0.7	0.077 J	2.79	0.065 J	2.24	0	7.4	0	1.6

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>
Sample Location		SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage		<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>
Sample Identification		WW-216-072908-MB-27758	WW-216-072908-MB-27764	WW-216-080608-MB-27788	WW-216-080608-MB-27789	WW-216-081408-MB-27797	WW-216-081408-MB-27798	WW-216-082108-CM-27805	WW-216-082108-CM-27806	WW-216-082808-MB-27765	WW-216-082808-MB-27771
Sample Date		7/29/2008	7/29/2008	8/6/2008	8/6/2008	8/14/2008	8/14/2008	8/21/2008	8/21/2008	8/28/2008	8/28/2008
Sample Type											
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.74	0.20 U	0.91	0.20 U	0.29	0.20 U	0.33	0.20 U	0.59
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0.74	0	0.91	0	0.29	0	0.33	0	0.59

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>
Sample Location		SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage		<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>
Sample Identification		WW-216-090408-CM-27819	WW-216-090408-CM-27826	WW-216-090808-MB-27829	WW-216-090808-MB-27830	WW-216-091808-MB-27831	WW-216-091808-MB-27835	WW-216-092508-MB-27837	WW-216-092508-MB-27840	WW-216-100208-MB-27841	WW-216-100208-MB-27844
Sample Date		9/4/2008	9/4/2008	9/8/2008	9/8/2008	9/18/2008	9/18/2008	9/25/2008	9/25/2008	10/2/2008	10/2/2008
Sample Type											
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.70	0.20 U	0.60	0.20 U	0.43	0.20 U	0.53	0.20 U	0.36
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0.7	0	0.6	0	0.43	0	0.53	0	0.36

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		P216	P216	P216	P216	P216	P216	P216	P216	P216	P216
Sample Location		SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage		Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent	Effluent	Influent
Sample Identification		WW-216-100908-MB-27845	WW-216-100908-MB-27848	WW-216-101608-JN-27852	WW-216-101608-JN-27849	WW-216-102208-MB-27853	WW-216-102208-MB-27857	WW-216-103008-MB-27859	WW-216-103008-MB-27866	WW-216-110708-MB-27875	WW-216-110708-MB-27881
Sample Date		10/9/2008	10/9/2008	10/16/2008	10/16/2008	10/22/2008	10/22/2008	10/30/2008	10/30/2008	11/7/2008	11/7/2008
Sample Type											
<i>Units</i>											
<i>PCBs</i>											
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	2.0	0.20 U	0.19 U	0.78	0.20 U	0.48	0.66	0.78	0.20 U	0.55
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.080 J	0.20 U	0.19 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	2.08 J	0	0	0.78	0	0.48	0.66	0.78	0	0.55

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

**SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA**

Sample Area		<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>	<i>P216</i>
Sample Location		<i>SES WWTP Tag 83</i>	<i>SES WWTP Tag 84</i>	<i>SES WWTP Tag 83</i>	<i>SES WWTP Tag 84</i>	<i>SES WWTP Tag 83</i>	<i>SES WWTP Tag 84</i>	<i>SES WWTP Tag 83</i>	<i>SES WWTP Tag 84</i>	<i>SES WWTP Tag 83</i>	<i>SES WWTP Tag 84</i>
Treatment Stage		<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>	<i>Effluent</i>	<i>Influent</i>
Sample Identification		WW-216-111408-MB-27886	WW-216-111408-MB-27882	WW-216-111908-MB-27892	WW-216-111908-MB-27889	WW-216-112508-CM-27897	WW-216-112508-CM-27895	WW-216-120408-MB-27901	WW-216-120408-MB-27898	WW-216-120908-MB-27902	WW-216-120908-MB-27907
Sample Date		11/14/2008	11/14/2008	11/19/2008	11/19/2008	11/25/2008	11/25/2008	12/4/2008	12/4/2008	12/9/2008	12/9/2008
Sample Type											
<i>PCBs</i>											
		<i>Units</i>									
Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	1.0	0.20 U	0.48	0.20 U	0.47	0.20 U	0.19 J	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.067 J	0.20 U	0.20 U	0.25
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	1	0	0.48	0	0.47	0.067 J	0.19 J	0	0.25

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

TABLE 3.6.2

SES WTP TREATMENT TRAIN #2 ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Sample Area	<i>P216</i>	<i>P216</i>	<i>P216</i>
Sample Location	SES WWTP Tag 83	SES WWTP Tag 83	SES WWTP Tag 84
Treatment Stage	<i>Effluent</i>	<i>Effluent</i>	<i>Influent</i>
Sample Identification	WW-216-123108-JN-27923	WW-216-123108-JN-27924	WW-216-123108-JN-27926
Sample Date	12/31/2008	12/31/2008	12/31/2008
Sample Type		<i>Duplicate</i>	

Units

PCBs

Aroclor-1016 (PCB-1016)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1221 (PCB-1221)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1232 (PCB-1232)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1242 (PCB-1242)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1248 (PCB-1248)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1254 (PCB-1254)	ug/L	0.20 U	0.20 U	0.20 U
Aroclor-1260 (PCB-1260)	ug/L	0.20 U	0.20 U	0.20 U
Total PCBs	ug/L	0	0	0

Notes:

U - Not present at or above the associated value.

Lab Qualifiers:

J - Laboratory qualified as an estimated value.

B - Laboratory qualifier: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

APPENDIX A

TSCA APPROVAL TO DISPOSE OF PCBs, U.S. EPA, OCTOBER 26, 2006 PCB RISK-BASED
DISPOSAL APPROVAL, IDEM, OCTOBER 26, 2006



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

OCT 26 2006

REPLY TO THE ATTENTION OF:

D-8J

Cheryl R. Hiatt, Project Manager
General Motors Corporation
Worldwide Facilities Group Remediation Team
2000 Centerpoint Parkway (483-520-190)
Pontiac, Michigan 48341-3147

Re: Toxic Substances Control Act Approval to Dispose of Polychlorinated Biphenyls

Dear Ms. Hiatt:

Enclosed is the Toxic Substances Control Act (TSCA) Risk-Based Approval to Dispose of Polychlorinated Biphenyls (PCBs). This Approval is issued pursuant to 40 CFR § 761.61(c) of the Federal PCB regulations for the disposal of PCB contaminated waste in the PCB disposal facility (vault) located in the former north stormwater basin at the East Plant Area of General Motors Corporation's (GM) Bedford, Indiana facility (Site).

We are granting this Approval based on our finding that the disposal of PCBs in the vault is in compliance with the conditions in the enclosed Approval and does not pose an unreasonable risk of injury to health or the environment. This Approval is effective today and is based on our review of the East Plant Area Vault Design Report (application), the Vault Development Plan, supplemental information that you submitted in support of your application, and all of the other site-specific factors and information that you submitted as part of the East Plant Area Interim Measure.

This Approval is solely for the disposal of the following PCB contaminated material in the vault, as identified in the conditions of the enclosed approval. No other PCB contaminated material may be disposed of in the vault.

1. Approximately 110,000 cubic yards of PCB contaminated soil and incidental debris from the excavation of 50 ppm and over PCB contaminated fill or overburden soil within the East Plant Area of the Site.
2. 50 ppm and over PCB contaminated material from the northern tributary fill area excavation.
3. Sediments collected from the wheel wash operation.

4. Imported granular material originally used for access road construction but which has contacted PCB contaminated fill or soil excavated from the East Plant Area.

The Approval does not relieve GM from the responsibility to comply with all applicable provisions of TSCA and the Federal PCB regulations or any other applicable Federal, state or local regulations.

If you have any questions regarding this approval, please contact Jean Greensley, of my staff, at (312) 353-1171.

Sincerely,

A handwritten signature in dark ink, appearing to read "Bruce F. Sypniewski". The signature is fluid and cursive, with a large initial "B" and "S".

Bruce F. Sypniewski, Deputy Director
Waste, Pesticides and Toxics Division

Enclosure

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

General Motors Powertrain
Bedford Facility
105 GM Drive
Bedford, Indiana 47421-1558

Corporate Address:

General Motors Corporation
Worldwide Facilities Group
Remediation Team
2000 Centerpoint Parkway
Pontiac, Michigan 48341-3147

PERMITTEE

**RISK-BASED APPROVAL TO DISPOSE OF
POLYCHLORINATED BIPHENYLS (PCBs)
ISSUED PURSUANT TO 40 CFR § 761.61(c)**

AUTHORITY

This risk-based disposal approval (Approval) is issued pursuant to Section 6(e)(1) of the Toxic Substances Control Act (TSCA) of 1976, Public Law No. 94-469, 15 U.S.C. § 2605(e)(1), and the Federal PCB regulations promulgated thereunder, 40 CFR § 761.61(c).

Any and all information required to be maintained under or submitted pursuant to this Approval is not subject to the requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. § 3501, et seq., because such information is collected by the United States Environmental Protection Agency (U.S. EPA or Agency), Region 5 from the Permittee for the purpose of assuring compliance with this Approval.

EFFECTIVE DATES

This Approval is effective upon the signature of the Director of the Waste, Pesticides and Toxics Division, U.S. EPA, Region 5. On that date, the issuance of this Approval shall be considered a final Agency action.

BACKGROUND

Section 6(e)(1)(A) of TSCA requires that the U.S. EPA promulgate rules for the disposal of PCBs. The rules implementing Section 6(e)(1)(A) were published in the Federal Register on February 17, 1978, (43 Fed. Reg. 7150), recodified in the Federal Register on May 6, 1982, (47 Fed. Reg. 19527), and modified in the Federal Register of June 29, 1998. Those rules require, among other things, that various types of PCBs be disposed of in U.S. EPA-approved disposal facilities. The February 17, 1978 Federal Register also designated the Regional Administrator as the approval authority for PCB disposal facilities. On June 5, 2001, the U.S. EPA delegated, among other things, the authority to approve or deny permit applications to operate PCB storage and disposal facilities from the Regional Administrator to the Director of the Waste, Pesticides and Toxics Division. This Approval is based on the Federal PCB regulations at 40 CFR § 761.61(c).

On October 17, 2005, General Motors (Permittee), as owner of the General Motors Powertrain Bedford, Indiana Facility (Site) and operator of the proposed PCB disposal facility (vault), submitted an East Plant Area Vault Design Report (application) to the U.S. EPA for approval under 40 CFR § 761.61(c) to dispose of PCB contaminated waste generated from the clean up of PCB contaminated soil at the Site. On June 16, 2006, the Permittee submitted a revised East Plant Area Vault Design Report (revised application) to U.S. EPA. The vault that is the subject of this Approval has been constructed in the former north stormwater basin (AOI 7) that is no longer in service. The vault is located in the East Plant Area of the Site which is east of GM Drive, west of the existing Stormwater Lagoon and between a General Motors (GM) owned parking lot referred to as the Zipp Trucking parking lot to the north and the East Plant parking lot to the south (Figure 1.3, Vault Application).

FINDINGS

1. The Site is an approximately 152.5 acre property located at 105 GM Drive in Bedford, Indiana 47421-1558. The property is located on either side of GM Drive and extends north along Bailey Scales Road (Figure 1.2, Vault Application).
2. The coordinates for the Site are latitude North 38° 52' 54" and longitude West 86° 28' 52".
3. The Site is zoned and used for industrial purposes.
4. The Permittee's mailing address and physical address is: General Motors Corporation, Worldwide Facilities Group Remediation Team, 2000 Centerpoint Parkway, Pontiac, Michigan 48341-3146.
5. The East Plant Area is east of GM Drive and west of Bailey Scales Road (Figure 1.3, Vault Application).
6. The Site stratigraphy, from top to bottom, is:
 - a. Variable thicknesses of overburden materials consisting of foundry sand fill, clay and silt.
 - b. The St. Louis Formation which is a limestone that is highly weathered and fractured near the surface, with the degree of weathering decreasing with depth. The formation is about 25 feet thick in the area of the vault.
 - c. The Salem Limestone which is 70 to 80 feet thick. The Salem Limestone formation is generally less weathered and fractured than the St. Louis Formation. The weathering and fractures are evident at the erosional rock surface but the formation becomes more homogeneous with depth.
7. Borings drilled into the bedrock at the Site, along with optical televiewer logs, indicate that the shallow bedrock contains solution enhanced features (epikarst) and that the deeper bedrock lacks significant amounts of weathering and fractures and has a lower overall hydraulic conductivity (January 20, 2006 Technical Memorandum by Dr. B.H. Kueper titled Site Conceptual Model Contaminant Migration, GM Powertrain Bedford Facility, Bedford, Indiana).
8. Regionally, the area is characterized by sinkholes that are five to ten miles west of the Site and caves that are between one to five miles of the Site. None of these features are evident in the area of the vault.
9. The vault has been constructed in the former north stormwater basin (AOI 7) which is no longer in service.

10. The bedrock exposed in the excavation of the former north stormwater basin showed the following:
 - a. Subaerial dissolution and epikarst development on the surface of the bedrock.
 - b. A 2 x 2 foot void in the southeast corner of the excavation.
 - c. A clay-filled vertical fracture in the northeast corner of the excavation within the St. Louis Formation.
11. Geophysical investigation of the bedrock and the void showed the following:
 - a. No indication that there was any continuation of the void at depth or that the void extended laterally beyond the bounding lines 240E and 260E (Figure 2.2, Comments – Technical Memorandum Regarding U.S. EPA Comments on October 14, 2005 Geophysics Memorandum East Plant Area Vault Design Report [October 17, 2005]).
 - b. No additional voids of significance in the footprint of the vault.
 - c. The clay in the vertical fracture was excavated and the fracture was found to be only 12 to 18 inches deep and above the groundwater elevation at the Site.
12. The fracture, as well as another fracture, was bridged with larger diameter rock and covered with concrete to eliminate any potential for settlement.
13. A gravel underdrain was placed on the bedrock surface of the excavated stormwater basin to eliminate any potential for piping of the clay liner into bedrock voids in the epikarst through seasonal groundwater fluctuation or leakage through the bottom liner system.
14. Regionally, groundwater resources are found along the valley of major streams and within a thick Mississippian carbonate aquifer system.
15. The hydrogeology at the East Plant Area is as follows:
 - a. Shallow groundwater flow through the unconsolidated overburden material and the upper fractured and weathered bedrock.
 - b. Recharge to the aquifer through the overburden material and directly into the bedrock where it is exposed.
 - c. Discharge of the shallow bedrock groundwater occurs through springs and seeps in topographically low areas such as creeks and ditches.
 - d. Surface runoff is primarily to the east and northeast in small valleys which are tributaries of Bailey's Branch of Pleasant Run Creek. Surface runoff to the west of the facility is minimal.

16. The water table occurs at depths of 5 to 15 feet below ground surface.
17. There are domestic wells within the vicinity of the Site but none are used for drinking water.
18. The vault is not in the 100 year floodplain.
19. The vault has been constructed with the following features:
 - a. An underdrain consisting of a minimum of six inches of gravel, perforated high density polyethylene (HDPE) collection pipes and an eight ounce non-woven, needle punched geotextile with three oil seep collection pipes and sumps (Drawing C-02, Vault Application).
 - b. A primary 60 mil textured HDPE synthetic membrane liner and a secondary 60 mil thick low level density polyethylene (LLDPE) liner each of which exceeds the 30 mil thickness specified in the TSCA Chemical Waste Landfill regulations at 40 CFR § 761.75 for a landfill that is not located on a clay pan.
 - c. A primary and secondary liner each comprised of 12 inches of re-compacted clay and a Geocomposite Clay Liner (GCL). Twelve inches of re-compacted clay and the GCL is an acceptable substitute for the 36 inches of re-compacted clay which is the TSCA Chemical Waste Landfill minimum requirement (40 CFR § 761.75). The hydraulic conductivity of the clay and the GCL meet the required hydraulic conductivity of 10^{-7} cm/sec.
 - d. A compound leachate collection system that consists of a primary leachate collection system and a secondary leak detection system. The primary leachate collection system consists of 6 inch HDPE perforated piping installed within 12 inches of ½ inch diameter gravel. The secondary leak detection system consists of a geocomposite drainage net placed between the 12 inches of clay in the primary liner and the LLDPE liner with geotextile fabric on either side of the geonet. The compound leachate collection system meets the requirements for a TSCA Chemical Waste Landfill under 40 CFR § 761.75.
 - e. A secondary LLDPE liner above the secondary clay/GCL liner and below the secondary leachate collection system. Above this is the primary clay/GCL liner overlain by the HDPE liner and the primary leachate collection system. The underdrain is below this double liner/double leachate collection system.
20. When the vault is filled, it will be covered with a cap constructed of 24 inches of compacted clay, a 60 mil textured flexible membrane liner (fml), a geonet, 18 inches of cover fill, 6 inches of top soil and a vegetative cover.
21. The vault will have a maximum capacity of approximately 135,000 cubic yards based on 4H:1V slopes on the cap.

22. Disposal in the vault involves the following:
- a. Placement of approximately 110,000 cubic yards of PCB contaminated soil and incidental debris from the excavation of 50 ppm and over PCB contaminated fill or overburden soil within the East Plant Area of the Site into the vault including:
 - i. Material from the staging pad immediately north of the storm water pond, which will be placed into the vault first.
 - ii. Material from the east parking lot, currently staged in Grading Area 4, which will be placed into the vault second.
 - iii. Material from the Phase I excavation in the Zipp Trucking parking lot.
 - iv. 50 ppm and over PCB contaminated material that will be excavated from the east parking lot.
 - v. 50 ppm and over PCB contaminated material excavated from AOI 4.
 - b. Placement in the vault of 50 ppm and over PCB contaminated material from the northern tributary fill area excavation.
 - c. Placement in the vault of sediments collected from the wheel wash operation.
 - d. Placement in the vault of imported granular material originally used for access road construction but which has contacted PCB contaminated fill or soil excavated from the East Plant Area.
23. The leachate from the collection system and the leak detection system and the water from the underdrain will be treated at the temporary water treatment facility under requirements established under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) until the new water treatment system is operational when it will be discharged under a National Pollutant Discharge Elimination System (NPDES) Permit.
24. While the vault is actively operating and accepting PCB contaminated material, the Permittee will maintain an operating log that contains the following information:
- i. Source (i.e., location) of excavated material.
 - ii. Estimated quantity (volume and/or weight) of excavated material.
 - iii. The estimated volume of excavated material disposed of in the vault on a daily basis.
25. The Permittee has filed the document, "Notification of PCB Waste Activity," Form 7710-53 (12-89) and has received the U.S. EPA identification number IND 006036099.

CONDITIONS OF APPROVAL

SCOPE OF WORK

1. The Permittee can dispose of the following PCB contaminated waste in the vault located at latitude North 38° 52' 54" and longitude West 86° 28' 52": approximately 110,000 cubic yards of PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil within the East Plant Area of the Site, PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil from the northern tributary, sediments collected from the wheel wash operation and imported granular material originally used for access road construction but which has contacted PCB contaminated fill or soils excavated from the East Plant Area.
2. The leachate from the leachate collection system and the leak detection system, the water from the underdrain and groundwater from the groundwater collection trench must be treated at the temporary water treatment facility until the permanent water treatment facility is operational. Water released from the temporary water treatment facility must be discharged under requirements established under CERCLA. Water released from the permanent water treatment facility must be discharged under a NPDES Permit.

WASTE PLACEMENT

3. The PCB contaminated waste placed in the vault must be capable of attaining sufficient strength to prevent subsidence, ponding on the waste or on the cap, and slope movement, i.e., creep.
4. All vehicles delivering waste to the vault must be washed before entering the public road. Waste water generated from truck washing activities must be collected and treated for disposal.
5. If a truck leaves an exclusion zone or switches use to a material other than PCB contaminated waste, it must be decontaminated.

UNDERDRAIN WATER MONITORING AND DISPOSAL

6. The level of water in the underdrain must be monitored daily and any accumulation must be discharged to the temporary water treatment facility. The Permittee can propose an alternate schedule once the permanent water treatment facility is operational.
7. The level of water in the underdrain must be maintained at less than one foot. Should the level increase beyond one foot in response to a storm event, accumulated water must be removed for treatment at the maximum achievable removal rate until the level is reduced to below one foot.

LEACHATE AND LEAK DETECTION SYSTEM WATER MONITORING AND DISPOSAL

8. While the vault is open and receiving PCB contaminated material, the Permittee must sample the leachate and the leak detection system water monthly for PCBs before it is sent to the temporary water treatment facility. This same schedule will apply once the leachate and leak detection water is sent to the permanent water treatment facility.
9. After closure of the vault, the Permittee may submit an alternate leachate and leak detection monitoring schedule, as part of the East Plant Area long-term monitoring plan, for U.S. EPA, Region 5 review and approval.
10. The leachate and leak detection system water must be managed in accordance with the following TSCA leachate management policy:
 - a. Leachate and leak detection water whose PCB content is equal to or greater than 50 ppm PCBs is PCB waste and must be treated or disposed of in accordance with the PCB regulations.
 - b. Leachate and leak detection water with PCB concentrations from 1 ppm to, but not including, 50 ppm is TSCA reportable material that must be managed in compliance with the U.S. EPA CERCLA order or a NPDES permit.
 - c. Leachate and leak detection water with a PCB concentration of less than 1 ppm must be managed in compliance with the U.S. EPA CERCLA order or a NPDES permit.
11. Leachate samples must be tested for
 - a. PCBs
 - b. pH
 - c. Specific Conductance
 - d. Chlorinated Organics identified in Table 1 (attached) and analyzed according to Method 8260B.
 - e. Physicochemical characteristics necessary to characterize the leachate for treatment in the temporary and permanent water treatment facility.
12. The secondary leak detection system must be monitored for:
 - a. Quantity of water
 - b. PCBs

- c. Sufficient physiochemical characteristics of the water produced in order to determine whether a leak of the membrane has occurred and to characterize the water for treatment in the temporary and permanent water treatment facility.
- 13. While the vault is open and receiving PCB contaminated material, the Permittee must monitor the water level over the primary liner to ensure that it does not exceed one foot. Should the level increase beyond one foot in response to a storm event, accumulated water shall be removed for treatment at the maximum achievable removal rate until the level is reduced below one foot. The maximum water elevation must be recorded monthly and reported annually.
- 14. After closure of the vault, the Permittee may submit an alternate schedule for monitoring the water level over the primary liner, as part of the East Plant Area long-term monitoring plan, for U.S. EPA, Region 5 review and approval.

GROUNDWATER MONITORING

- 15. The Permittee must construct a groundwater collection trench around the perimeter of the East Plant Area. If the trench is not constructed, the U.S. EPA may terminate this Approval and might require the PCB waste to be removed from the vault and disposed of at a facility permitted to accept this waste.
- 16. The construction and monitoring schedule for the perimeter groundwater collection trench must be submitted to the U.S. EPA, Region 5 for review and approval.
- 17. Groundwater, including background samples, must be monitored for:
 - a. PCBs
 - b. pH
 - c. Specific Conductance
 - d. Chlorinated Organics identified in Table 1 (attached) and analyzed according to Method 8260B.
- 18. The groundwater must be treated at the temporary or permanent water treatment facility and discharged in compliance with the U.S. EPA CERCLA order or a NPDES permit.

SPILL CLEANUP

- 19. Cleanup of onsite PCB spills which are outside of the Exclusion Zones established in accordance with the Site Health and Safety Plan must begin upon discovery by the Permittee. These spills must be cleaned up in accordance with 40 CFR Part 761, Subpart G, PCB Spill Cleanup Policy, or 40 CFR § 761.61, PCB Remediation Waste, as applicable. PCB spills on public roads must be cleaned up in accordance with 40 CFR Part 761,

Subpart G, PCB Spill Cleanup Policy. The cleanup standards in the PCB Spill Cleanup Policy may only be applied for spills of PCBs that are less than 72 hours old.

20. Any debris or solid wastes generated as a result of cleanup or decontamination of a PCB spill or release may be disposed of in the vault.

AMBIENT AIR MONITORING

21. While the vault is open and accepting PCB contaminated material, total suspended particulate (TSP) and high volume PCB air monitoring must be conducted in accordance with the report submitted by the Permittee titled Air Monitoring Requirements During the Over 50 mg/kg PCB Soil Removal for the East Plant Area.

FLOOD PROTECTION

22. If the vault is ever determined to be in the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map 100 year flood plain, the waste in the vault must be removed or protected by a flood control structure whose minimum elevation is at least 2 feet above the respective 100 year flood plain elevation. Rainwater falling on the vault must not be allowed to accumulate to a level that would allow its entry to the leachate collection system or the secondary leak detection system through the manhole risers or clean outs.

QUALITY ASSURANCE FOR ENVIRONMENTAL DATA AND INFORMATION

23. The Permittee must perform sampling and analysis in accordance with the Quality Assurance Project Plan RCRA Facility Investigation and Removal Action Work Plans Addendum No. 2 dated July 19, 2006.

FINAL CONSTRUCTION REPORT

24. The Final Construction Report for the vault must contain the information as described in the vault application plus all photographs taken during the construction of the vault.

RECORDKEEPING

25. The Permittee must record the following information in a log:
 - a. Daily waste information.
 - i. identification of the source (i.e., location) of excavated material
 - ii. estimated quantity (volume and/or weight) of material excavated and placed in the vault
 - b. The quantity of liquid collected from the leachate collection system.

- c. The quantity of liquid collected from the leak detection system.
 - d. The quantity of liquid collected from the underdrain.
 - e. The water elevation in the underdrain and over the primary liner.
 - f. The amount of water treated in the water treatment facility and the PCB concentration, if known.
26. All required documents must be collected and maintained for at least 20 years after the vault is no longer used for the disposal of PCB waste. The required documents must be kept at one central location and must be made available for inspection by authorized representatives of the U.S. EPA, Region 5.

REPORTING

27. An annual report for the previous calendar year must be submitted to the U.S. EPA, Region 5 by July 15 of each year. The report must include:
- a. A summary of the information itemized in the log required by Condition 25 of this Approval.
 - b. All analytical results from the monitoring of the air, groundwater, leachate, leak detection and underdrain and the water treatment facility analytical results.
 - c. The volume, PCB concentration and disposal destination for leachate and leak detection water with a PCB concentration equal or greater than 1 ppm.
 - d. A summary of the water elevation over the primary liner and in the underdrain.
 - e. Spill cleanup reports, if any.
 - f. Updated financial assurance for the operation, closure and post-closure care costs adjusted annually.
28. The first annual report submitted under this Approval must contain the most recent analytical results for groundwater collected from the closest wells around the vault, prior to any placement of PCB contaminated waste in the vault.

NOTICE

29. Within one working day of discovery, the Permittee must notify the U.S. EPA, Region 5 by telephone of any incident, anomaly or accident that may affect the disposal conditions of this Approval or that has or may result in the release of PCBs to the environment. The Permittee also must provide a written notification within seven days.

30. Within one working day of discovery, the Permittee must notify the U.S. EPA, Region 5 by telephone of any statistically significant increase in leak detection system samples. The Permittee also must provide a written notification within seven days.
31. Within one working day of discovery, the Permittee must notify the U.S. EPA, Region 5 by phone if the water level over the primary liner or in the underdrain exceeds one foot.
32. Within five days of discovery, the Permittee must verbally notify the U.S. EPA, Region 5 of any non-compliance of the NPDES permit at Outfall 003 or the requirements established under CERCLA followed by a written report regarding the incident and the steps taken or that will be taken to correct the situation.
33. For the one working day telephone notification, the Permittee must contact the U.S. EPA, Region 5, Toxics Program Section, at (312) 886-6003. For the seven day written notification, the Permittee must submit the report to the Director of the Waste Pesticides and Toxics Division at the following address:

WPTD Director (D-8J)
U.S. EPA, Region 5
77 W. Jackson Blvd.
Chicago, Illinois 60604-3590
34. If there is a spill or release of the equivalent of 1 pound or more of pure PCBs, the Permittee must notify the National Response Center at (800) 424-8802 within 24 hours.

VAULT SECURITY

35. The vault must be secured to restrict public access in accordance with the procedures outlined in Section 8.0 of the Vault Development Plan.

INSPECTION

36. The Agency reserves the right for its employees and authorized representatives to perform inspections, review records, and take samples at any reasonable time.

CLOSURE AND POST-CLOSURE

37. PCB waste may not be disposed of in the vault after the placement of:
 - a. Approximately 110,000 cubic yards of PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil within the East Plant Area of the Site.
 - b. PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil from the northern tributary fill area.

- c. Sediments collected from the wheel wash operation while the 50 ppm and over material excavated from the East Plant Area is being placed in the vault.
 - d. Imported granular materials originally used for access road construction but which has contacted the 50 ppm and over PCB contaminated fill or soils excavated from the East Plant Area.
- 38. The Permittee must submit a closure and post-closure plan to the U.S. EPA, Region 5 for review and approval a minimum of 21 days prior to closure of the vault.
 - 39. The closure and post-closure plan must contain the information described in Section 11.0 of the Vault Development Plan plus a detailed estimate of closure and post-closure care costs.
 - 40. The Permittee cannot close the vault unless the Permittee has received written approval of the closure plan from the Director of the Waste Pesticides and Toxics Division, U.S. EPA, Region 5.
 - 41. The Permittee must clean any surfaces within the East Plant Area contaminated by spills of PCB material that was to be disposed of in the vault. The surfaces must be cleaned to 50 ppm or $10 \mu\text{g}/100 \text{ cm}^2$.
 - 42. Upon closure of the vault, the Permittee must remediate the roads and parking lots used during the disposal of the PCB contaminated material, except roads and parking areas which are otherwise addressed as part of the Corrective Action activities, in accordance with the cleanup standards outlined in 40 CFR § 761.61.
 - 43. The Permittee must care for the vault and perform post-closure environmental monitoring and maintenance in perpetuity.

FINANCIAL ASSURANCE

- 44. The Permittee must establish financial assurance for the operation, closure and post-closure care costs. The Permittee may use any combination of financial assurance mechanisms described in 40 CFR § 761.65(g). The financial assurance mechanism can be part of the financial assurance mechanism developed for the East Plant Area or the Final Corrective Measure.
- 45. The Permittee must submit proof of financial assurance to the U.S. EPA, Region 5 annually. If the U.S. EPA, Region 5 determines that the amount is inadequate, the Permittee must obtain additional financial assurance funding.
- 46. The Permittee must annually adjust the closure and post-closure care cost estimates for inflation. This may require an increase in the financial assurance funding mechanism.

47. The Permittee must adjust the operation, closure and post-closure care cost estimates for any modification or change that increases these costs. This may require an increase in the financial assurance funding mechanism.
48. Financial assurance must be maintained in perpetuity.

MODIFICATIONS

49. The Permittee must notify the U.S. EPA, Region 5 in writing of any intended modifications to this Approval or their application.
50. Any major modification of this Approval requires the written approval of the Director of the Waste Pesticides and Toxics Division, U.S. EPA, Region 5. A major modification is a material change in design or operation of the vault. Such changes include, but are not limited to, changes in the scope of work of the Approval. Increasing disposal capacity beyond that specified in Condition 1 is an example of a major modification.
51. Any minor modification of this Approval requires written approval of the Chief of the Pesticides and Toxic Substances Branch, Waste Pesticides and Toxics Division, U.S. EPA, Region 5. A minor modification is a change in operations that is not a major modification, such as changing the groundwater, leachate or air monitoring locations, the analytical methodology or waste acceptance procedures.
52. If there is any question as to whether a change in operations is a major or minor modification, such question should be raised to the appropriate representative(s) of the U.S. EPA, Region 5 as soon as possible. In such cases, the Agency will determine whether a proposed change is major or minor.

APPROVAL EXPIRATION

53. This Approval does not expire unless and until all PCBs are removed from the vault. Otherwise, the Approval's conditions remain valid in perpetuity.
54. The Permittee's authorization to place PCBs in the vault will expire upon placement of the material itemized in Condition 1.

COMPLIANCE AND APPROVAL SUSPENSION AND TERMINATION

55. Nothing in this Approval relieves the Permittee from the duty to comply with all applicable state and Federal laws, including, but not limited to CERCLA, RCRA and TSCA and the regulations promulgated thereunder.
56. Any knowing or persistent failure of the Permittee to comply with all applicable Federal laws, regulations, requirements or orders could result in the termination of the Permittee's authority to dispose of PCBs in the vault.

57. Failure to comply with any provision of this Approval, TSCA, the Federal PCB regulations found at 40 CFR Part 761, or any other applicable Federal, state or local requirements may constitute a sufficient basis for suspension or termination of the Approval.
58. Failure to completely and effectively implement components and tasks of the East Plant Area Interim Measure in a manner that will not present an unreasonable risk to human health and the environment may result in the termination of this Approval and, subsequently, may result in the requirement to remove the PCB waste from the vault and dispose of the removed material at a permitted facility.
59. This Approval may be terminated if the Director of the Waste, Pesticides and Toxics Division, U.S. EPA, Region 5 determines that the vault poses an unreasonable risk to human health or the environment.

PCB DISPOSAL AUTHORITY REINSTATEMENT

60. The Director of the Waste, Pesticides and Toxics Division, U.S. EPA, Region 5 may reinstate the Approval if it is determined that the Permittee is in compliance with the applicable state and Federal laws and the conditions of the Approval and the vault no longer poses an unreasonable risk to human health or the environment.

SEVERABILITY

61. All terms and/or conditions of this Approval are severable. If any provision(s) of this Approval or any application of any provision, is changed, amended, or held invalid, the remaining terms and conditions will still be valid and not affected thereby.

OWNERSHIP TRANSFER

62. The requirement and responsibilities for perpetual care transfers with ownership of the vault.
63. The Permittee must provide a written notice to the U.S. EPA, Region 5 at least 90 days in advance of any planned transfer in ownership of the vault. The name of the prospective transferee must be included in the notice
64. The prospective transferee must submit to the U.S. EPA, Region 5 at least 90 days before the transfer:
 - a. A notarized affidavit signed by the transferee which states that the transferee will abide by the conditions of the Approval.
 - b. A listing of past environmental violations by the transferee, its employees or assigns.
 - c. The qualifications of the principals and key employees.

- d. Documentation of acceptable financial assurance and funding pursuant to the TSCA regulations at 40 C.F.R. § 761.65(g).
- 65. After reviewing the notification, affidavit and background information, the U.S. EPA, Region 5 will either issue a modified approval substituting the transferee's name for the transferor's name, or require the transferee to apply for a new PCB disposal approval. The transferee must abide by the conditions of the Approval and the application submitted by General Motors Corporation on October 17, 2005 and the revised application submitted by General Motors Corporation on June 16, 2006, until the U.S. EPA, Region 5 issues a modified approval or until notified otherwise.
- 66. If the U.S. EPA, Region 5 requires the transferee to apply for a new PCB disposal approval, the transferee must submit to the Regional Administrator a complete TSCA application for disposal, closure and post-closure care. The Regional Administrator may also require any additional information necessary to ensure that the vault poses no unreasonable risk to health and the environment.

BANKRUPTCY

- 67. In the event that the Permittee, or its successor or assigns, declare bankruptcy, the Permittee shall immediately provide written notice of such to the Director of the Waste, Pesticides and Toxics Division, U.S. EPA, Region 5.

APPROVAL

Approval is hereby granted to General Motors Corporation to dispose of PCB contaminated material from the East Plant Area of the Bedford Powertrain Facility in a vault constructed on the Site at 105 GM Drive in Bedford, Indiana at latitude North 38° 52' 54" and longitude West 86° 28' 52", subject to the Approval Conditions stated herein, and based on the information described in the application submitted by General Motors Corporation on October 17, 2005; the Vault Development Plan submitted by General Motors Corporation on February 28, 2006; the revised application submitted by General Motors Corporation on June 16, 2006 and additional information submitted by General Motors at the request of the U.S. EPA, Region 5.

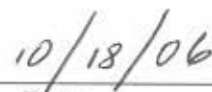
The Approval shall become effective on the date of the signature and remain in effect unless revoked, suspended or terminated in accordance with the Approval Conditions stated herein

General Motors Corporation is responsible for all actions of any of its agents, assigns, employees and contractors when those actions are within the scope of operating or administering the vault. This Approval does not relieve General Motors Corporation from compliance with all applicable Federal, state and local regulatory requirements, including the Federal PCB regulations at 40 CFR Part 761.

The United States Environmental Protection Agency reserves the right for its employees or agents to inspect the vault and the support facilities at any reasonable time. The U.S. EPA also reserves all legal rights available under all applicable statutes and regulations.



Bruce Sypniewski, Deputy Director
Waste, Pesticides and Toxics Division
United States Environmental Protection Agency
Region 5



Date

TABLE I

Parameter	STORET No.	CAS No.
Bromodichloromethane	32101	75-27-4
Bromoform	32104	75-25-2
Bromomethane	34413	74-83-9
Carbon tetrachloride	32102	56-23-5
Chlorobenzene	34301	108-90-7
Chloroethane	34311	75-00-3
2-Chloroethylvinyl ether	34576	100-75-8
Chloroform	32106	67-66-3
Chloromethane	34418	74-87-3
Dibromochloromethane	32105	124-48-1
1,2-Dichlorobenzene	34536	95-50-1
1,3-Dichlorobenzene	34566	541-73-1
1,4-Dichlorobenzene	34571	106-46-7
Dichlorodifluoromethane	34668	75-71-8
1,1-Dichloroethane	34496	75-34-3
1,2-Dichloroethane	34531	107-06-2
1,1-Dichloroethene	34501	75-35-4
trans-1,2-Dichloroethene	34546	156-60-5
1,2-Dichloropropane	34541	78-87-5
cis-1,3-Dichloropropene	34704	10061-01-5
trans-1,3-Dichloropropene	34699	10061-02-6
Methylene chloride	34423	75-09-2
1,1,2,2-Tetrachloroethane	34516	79-34-5
Tetrachloroethene	34475	127-18-4
1,1,1-Trichloroethane	34506	71-55-6
1,1,2-Trichloroethane	34511	79-00-5
Tetrachloroethene	39180	79-01-6
Trichlorofluoromethane	34488	75-69-4
Vinyl chloride	39715	75-01-4

Parameter	STORET No.	CAS No.
Benzene	34030	71-43-2
Chlorobenzene	34301	108-90-7
1,2-Dichlorobenzene	34536	95-50-1
1,3-Dichlorobenzene	34566	541-73-1
1,4-Dichlorobenzene	34571	106-46-7
Ethylbenzene	34371	100-41-4
Toluene	34010	108-88-3



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.idem.IN.gov

VIA CERTIFIED MAIL: 7002 350 0003 3227 6212

October 26, 2006

Ms. Cheryl R. Hyatt
Project Manager
General Motors Corporation
Worldwide Facilities Group
2000 Centerpoint Parkway
Mail Code: 483-520-190
Pontiac, Michigan 48341-3147

Re: PCB Risk-Based Disposal Approval
General Motors Powertrain Bedford Facility
EPA ID # IND006036099
Bedford, Lawrence County

Dear Ms. Hyatt:

This will acknowledge receipt of the application for approval of the PCB Risk-based disposal proposal received by this Office on April 28, 2006, as well as subsequent additional information for the above mentioned disposal facility.

The proposed PCB Risk-based disposal "vault" is located at 105 GM Drive in Bedford, Lawrence County, Indiana. The specific coordinates for this "vault" are as follows: latitude North 38° 52' 54" and longitude West 86° 28' 52".

Approval of this proposal is hereby granted in accordance with the Indiana Regulations of Wastes Containing PCBs, 329 IAC 4.1-4-1 and subject to the terms of this letter and the enclosed "Conditions for Approval". The Indiana Department of Environmental Management reserves the right to take enforcement action against the applicant herein for failure to comply with the terms and conditions of this approval.

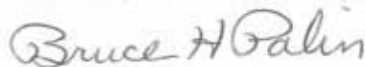
This approval allows for the disposal of a maximum capacity of approximately 125,000 cubic yards into the "vault." To dispose of additional waste, or other waste not discussed in the "Conditions for Approval", you must make a request, in writing, to the IDEM. This request must include information demonstrating that the additional disposal is protective of human health and the environment.

The issuance of this approval does not supersede the requirements of any other agency of local, state or federal government.

Pursuant to IC 4-21.5, a Petition for Review of this approval letter may be initiated by you, as applicant, or by an "aggrieved or adversely affected person". This approval becomes effective once all applicable time periods for petitioning for Stay of Effectiveness have expired, unless you are notified in writing by an Environmental Law Judge that the approval has been further stayed. As discussed in the enclosed "Notice of Decision", if you wish to challenge this decision, you must file a Petition for Review with the Office of Environmental Adjudication within eighteen (18) days from the date that this approval letter was mailed, pursuant to IC 4-21.5-3-7.

If you have further questions regarding this matter, please contact Mr. George Ritchotte of the Office of Land Quality's Industrial Waste Section at (317) 308-3123.

Sincerely,



Bruce H Palin
Assistant Commissioner
Office of Land Quality

Enclosures

cc: Lawrence County Health Department

CONDITIONS OF APPROVAL

SCOPE OF WORK

1. The Permittee may dispose of the following PCB contaminated waste in the vault located at latitude North 38° 52' 54" and longitude West 86° 28' 52": approximately 110,000 cubic yards of PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil from the East Plant Area of the site, PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil from the northern tributary, sediments collected from the wheel wash operation and imported granular material originally used for access road construction but which has contacted PCB contaminated fill or soils excavated from the East Plant Area.
2. The leachate from the leachate collection system and the leak detection system, the water from the underdrain and groundwater from the groundwater collection trench must be treated at the temporary water treatment facility until the permanent water treatment facility is operational. Water released from the temporary water treatment facility must be discharged under requirements established under CERCLA. Water released from the permanent water treatment facility must be discharged under a National Pollutant Discharge Elimination System (NPDES) Permit.

WASTE PLACEMENT

3. The PCB contaminated waste placed in the vault must be capable of attaining sufficient strength to prevent subsidence, ponding on the waste or on the cap, and slope movement, i.e., creep.
4. All vehicles delivering waste to the vault must be washed before entering the public road. Waste water generated from truck washing activities must be collected and treated for disposal.
5. If a truck leaves an exclusion zone or switches to a material other than PCB contaminated waste, it must be decontaminated.

UNDERDRAIN WATER MONITORING AND DISPOSAL

6. The level of water in the underdrain must be monitored daily and any accumulation discharged to the temporary water treatment facility. The Permittee can propose an alternate schedule once the permanent water treatment facility is operational.
7. The level of water in the underdrain must be maintained at less than 1 foot. Should the level increase beyond one foot in response to a storm event, accumulated water shall be removed for treatment at the maximum achievable removal rate until the level is reduced to below one foot.

LEACHATE AND LEAK DETECTION SYSTEM WATER MONITORING AND DISPOSAL

8. While the vault is open and receiving PCB contaminated material, the Permittee must sample the leachate and the leak detection system water monthly for PCBs before it is sent to the

temporary water treatment facility. This same schedule will apply once the leachate and leak detection water is sent to the permanent water treatment facility.

9. After closure of the vault, the Permittee may submit an alternate leachate and leak detection monitoring schedule, as part of the East Plant Area long-term monitoring plan, for IDEM review and approval.
10. The leachate and leak detection system water must be managed in accordance with the following Federal TSCA leachate management policy:
 - a. Leachate and leak detection water whose PCB content is equal to or greater than 50 ppm PCBs is PCB waste and must be treated or disposed of in accordance with the PCB regulations.
 - b. Leachate and leak detection water with PCB concentrations between 1 ppm to, but not including, 50 ppm is TSCA reportable material that must be managed in compliance with the U.S. EPA CERCLA order or a NPDES permit.
 - c. Leachate and leak detection water with a PCB concentration of less than 1 ppm must be managed in compliance with the U.S. EPA CERCLA order or a NPDES permit.
11. Leachate samples must be tested for
 - a. PCBs
 - b. pH
 - c. Specific Conductance
 - d. Chlorinated Organics identified in Table 1 (attached) and analyzed according to Method 8260B.
 - e. Physicochemical characteristics necessary to characterize the leachate for treatment in the temporary and permanent water treatment facility.
12. The secondary leak detection system must be monitored for:
 - a. Quantity of water
 - b. PCBs
 - c. Sufficient physicochemical characteristics of the water produced in order to determine whether a leak of the membrane has occurred and to characterize the water for treatment in the temporary and permanent water treatment facility.
13. While the vault is open and receiving PCB contaminated material, the Permittee must monitor the water level over the primary liner to ensure that it does not exceed 1 foot. Should the level increase beyond one foot in response to a storm event, accumulated water shall be removed for treatment at the maximum achievable removal rate until the level is reduced below one foot. The maximum water elevation must be recorded monthly and reported annually.

14. After closure of the vault, the Permittee may submit an alternate schedule for monitoring the water level over the primary liner, as part of the East Plant Area long-term monitoring plan, for IDEM review and approval.

GROUNDWATER MONITORING

15. The Permittee must construct a groundwater collection trench around the perimeter of the East Plant Area. If the trench is not constructed, the IDEM may terminate this approval and might require the PCB waste to be removed from the vault and disposed of at a facility permitted to accept this waste.
16. The construction and monitoring schedule for the perimeter groundwater collection trench must be submitted to the IDEM for review and approval.
17. Groundwater, including background samples, must be monitored for:
 - a. PCBs
 - b. pH
 - c. Specific Conductance
 - d. Chlorinated Organics identified in Table 1 (attached) and analyzed according to Method 8260B.
18. The groundwater must be treated at the temporary water treatment facility and discharged under the requirements established under CERCLA or the permanent water treatment facility and discharged in compliance with a NPDES permit.

SPILL CLEANUP

19. Cleanup of onsite PCB spills/releases which are outside the Exclusion Zones established in accordance with the Site Health and Safety Plan must begin upon discovery by the Permittee. These spills must also be cleaned up pursuant to 329 IAC 4.1, which incorporates 40 CFR Part 761, Subpart G, PCB Spill Cleanup Policy, or 40 CFR § 761.61, PCB Remediation Waste, as applicable. PCB spills/releases on public roads must be cleaned up in accordance with 40 CFR Part 761, Subpart G, PCB Spill Cleanup Policy. The cleanup standards in the PCB Spill Cleanup Policy may only be applied for spills of PCBs that are less than 72 hours old.
20. Any debris or solid wastes generated as a result of cleanup or decontamination of a PCB spill or release may be disposed of in the vault.

AMBIENT AIR MONITORING

21. While the vault is open and accepting PCB contaminated material, total suspended particulate (tsp) and high volume PCB air monitoring must be conducted in accordance with the report submitted by the Permittee titled Air Monitoring Requirements During the Over 50 mg/kg PCB Soil Removal for the East Plant Area.

FLOOD PROTECTION

22. If the vault is ever determined to be in the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map 100 year flood plain, the waste in the vault must be removed or protected by a flood control structure whose minimum elevation is at least 2 feet above the respective 100 year flood plain elevation. Rainwater falling on the vault must not be allowed to accumulate to a level that would allow its entry to the leachate collection system or the secondary leak detection system through the manhole risers or clean outs.

QUALITY ASSURANCE FOR ENVIRONMENTAL DATA AND INFORMATION

23. The Permittee must perform sampling and analysis in accordance the Quality Assurance Project Plan, RCRA Facility Investigation and Removal Action Works Plans Addendum No.2 dated July 19, 2006.

FINAL CONSTRUCTION REPORT

24. The Final Construction Report for the vault must contain the information as described in the vault application plus all photographs taken during the construction of the vault.

RECORDKEEPING

25. The Permittee must maintain a log of the following information:
- a. Daily waste information
 - i. identification of the source (i.e. location) of excavated material
 - ii. estimated quantity (volume and/or weight) of material excavated and placed in the vault
 - b. The quantity of liquid collected from the leachate collection system.
 - c. The quantity of liquid collected from the leak detection system.
 - d. The quantity of liquid collected from the underdrain.
 - e. The water elevation in the underdrain and over the primary liner.
 - f. The amount of water treated in the water treatment facility and the PCB concentration, if known.
26. All required documents must be collected and maintained for at least 20 years after the vault is no longer used for the disposal of PCB waste. The required documents must be kept at one central location and must be made available for inspection by authorized representatives of the IDEM.

REPORTING

27. An annual report for the previous calendar year must be submitted to the IDEM by July 15 of each year. The report must include:
- a. A summary of the information itemized in the log required by Condition 25 of this Approval.
 - b. All analytical results from the monitoring of the air, groundwater, leachate, leak detection and underdrain and the water treatment facility analytical results.
 - c. The volume, PCB concentration and disposal destination for leachate and leak detection water with a PCB concentration equal or greater than 1 ppm.
 - d. A summary of the water elevation over the primary liner and in the underdrain.
 - e. Spill cleanup reports, if any.
 - f. Updated financial assurance for the operation, closure and post-closure care costs adjusted annually.
28. The first annual report submitted under this Approval must contain the most recent analytical results for groundwater collected from the closest wells around the vault, prior to any placement of PCB contaminated waste in the vault.

NOTICE

29. Within 1 working day of discovery, the Permittee must notify the IDEM by telephone of any incident, anomaly or accident that may affect the disposal conditions of this Approval or that has or may result in the release of PCBs to the environment. The Permittee also must provide a written notification within 7 days.
30. Within 1 working day of discovery, the Permittee must notify the IDEM by telephone of any statistically significant increase in leak detection system samples. The Permittee also must provide a written notification within 7 days.
31. Within 1 working day of discovery, the Permittee must notify the IDEM by phone if the water level over the primary liner or in the underdrain exceeds 1 foot.
32. Within 5 days of discovery, the Permittee must verbally notify the IDEM of any non-compliance of the NPDES permit at Outfall 003, or the requirements established under CERCLA followed by a written report regarding the incident and the steps taken or that will be taken to correct the situation.
33. For the 1 working day telephone notification, the Permittee must contact the IDEM at (317) 308-3103. For the 7 day written notification, the Permittee must submit the report to the Commissioner of IDEM at the following address:

Attn: Commissioner
Indiana Department of Environmental Management
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

34. If there is a spill or release of the equivalent of 1 pound or more of pure PCBs, the Permittee must notify the National Response Center at (800) 424-8802 and the IDEM Emergency Response Section at (888) 233-7745 within 24 hours.

VAULT SECURITY

35. The vault must be secured to restrict public access in accordance with the procedures outlined in Section 8.0 of the Vault Development Plan.

INSPECTION

36. The IDEM reserves the right for its employees and authorized representatives to perform inspections, review records, and take samples at any reasonable time.

CLOSURE AND POST-CLOSURE

37. PCB waste may not be disposed of in the vault after the placement of:
- a. Approximately 110,000 cubic yards of PCB contaminated soil generated from the excavation of 50 ppm and over PCB contaminated soil from the East Plant Area of the site.
 - b. PCB contaminated soil generated from the excavation of 50ppm and over PCB contaminated soil from the northern tributary fill area.
 - c. Sediments collected from the wheel wash operation while the 50 ppm and over material excavated from the East Plant Area is being placed in the vault.
 - d. Imported granular materials originally used for access road construction but which has contacted the 50 ppm and over PCB contaminated fill or soils excavated from the East Plant Area.
38. As described in Section 11.0 of the Vault Development Plan, the Permittee must submit a closure and post-closure plan to the IDEM for review and approval a minimum of 21 days prior to closure of the vault.
39. The closure and post-closure plan must contain the information described in Section 11.0 of the Vault Development Plan plus a detailed estimate of closure and post-closure care costs.
40. The Permittee must receive written approval of the closure plan from the Commissioner of IDEM, or a designee, prior to closing the vault.

41. Any surfaces outside of the vault, but within the area to be capped under the Final Corrective Measure, that was contaminated by spills of PCB contaminated material that was to be disposed of in the vault, must be cleaned to 50 ppm or 10 $\mu\text{g}/100\text{ cm}^2$ of PCBs.
42. Upon closure of the vault, the Permittee must remediate the roads and parking lots used during the disposal of the PCB contaminated material, except roads and parking areas which are otherwise addressed as part of the Corrective Action activities, in accordance with the cleanup standards outlined in 329 IAC 4.1-4-1, incorporating 40 CFR § 761.61.
43. The Permittee must care for the vault and perform post-closure environmental monitoring and maintenance in perpetuity.

FINANCIAL ASSURANCE

44. The Permittee must establish financial assurance for the operation, closure and post-closure care costs. The Permittee may use any combination of financial assurance mechanisms described in 329 IAC 4.1-4-1, incorporating 40 CFR § 761.65(g). The financial assurance mechanism can be part of the financial assurance mechanism developed for the East Plant Area or the Final Corrective Measure.
45. The Permittee must submit proof of financial assurance to the IDEM annually. If the IDEM determines that the amount is inadequate, the Permittee must obtain additional financial assurance funding.
46. The Permittee must annually adjust the closure and post-closure care cost estimates for inflation. This may require an increase in the financial assurance funding mechanism.
47. The Permittee must adjust the operation, closure and post-closure care cost estimates for any modification or change that increases these costs. This may require an increase in the financial assurance funding mechanism.
48. Post-closure financial assurance must be maintained in perpetuity.

MODIFICATIONS

49. The Permittee must notify the IDEM in writing of any intended modifications to this Approval or their application.
50. Any major modification of this Approval requires the written approval of the Commissioner of IDEM, or a designee. A major modification is a material change in design or operation of the vault. Such changes include, but are not limited to, changes in the scope of work of the Approval. Increasing disposal capacity beyond that specified in Condition 1 is an example of a major modification.
51. Any minor modification of the PCB disposal operations and monitoring procedures requires written approval of the Commissioner of IDEM, or a designee. A minor modification is a change in operations that is not a major modification, such as changing the groundwater, leachate or air monitoring locations, the analytical methodology or waste acceptance procedures.

52. If there is any question as to whether a change in operations is a major or minor modification, such question should be raised to the appropriate representative(s) of the IDEM as soon as possible. In such cases, the IDEM will determine whether a proposed change in major or minor.

APPROVAL EXPIRATION

53. This Approval does not expire unless and until all PCBs are removed from the vault. Otherwise, the Approval's conditions remain valid in perpetuity.
54. The Permittee's authorization to place PCBs in the vault will expire upon placement of the material itemized in Condition 1.

COMPLIANCE AND APPROVAL SUSPENSION AND TERMINATION

55. Nothing in this Approval relieves the Permittee from the duty to comply with all applicable state and Federal laws, including, but not limited to CERCLA, RCRA and TSCA and the regulations promulgated there under.
56. Any knowing or persistent failure of the Permittee to comply with all applicable Federal laws, regulations, requirements or orders could result in the termination of the Permittee's authority to dispose of PCBs in the vault.
57. Failure to comply with any provision of this Approval, TSCA, and the Federal PCB regulations found at 40 CFR Part 761, or any other applicable Federal, state or local requirements may constitute a sufficient basis for suspension or termination of the Approval.
58. The Approval also may be terminated if the Commissioner of the IDEM, or a designee, determines that the vault poses an unreasonable risk to human health or the environment.

PCB DISPOSAL AUTHORITY REINSTATEMENT

59. The Commissioner of IDEM, or a designee, may reinstate the Approval if it is determined that the Permittee is in compliance with the applicable state and Federal laws and the conditions of the Approval and the vault no longer poses an unreasonable risk to human health or the environment.

SEVERABILITY

60. All terms and/or conditions of this Approval are severable. If any provision(s) of this Approval or any application of any provision, is changed, amended, or held invalid, the remaining terms and conditions will still be valid and not affected thereby.

OWNERSHIP TRANSFER

61. The requirement and responsibilities for perpetual care transfers with ownership of the vault.

62. The Permittee must provide a written notice to the IDEM at least 90 days in advance of any planned transfer in ownership of the vault. The name of the prospective transferee must be included in the notice
63. The prospective transferee must submit to the IDEM at least 90 days before the transfer:
 - a. A notarized affidavit signed by the transferee which states that the transferee will abide by the conditions of the Approval.
 - b. A listing of past environmental violations by the transferee, its employees or assigns.
 - c. The qualifications of the principals and key employees.
 - d. Documentation of acceptable financial assurance and funding pursuant to 329 IAC 4.1-4-1, incorporating the TSCA regulations at 40 C.F.R. § 761.65(g).
64. After reviewing the notification, affidavit and background information, the IDEM will either issue a modified approval substituting the transferee's name for the transferor's name, or require the transferee to apply for a new PCB disposal approval. The transferee must abide by the conditions of the Approval and the application submitted by General Motors Corporation on October 17, 2005, and the revised application submitted by General Motors Corporation on June 16, 2006, until the IDEM issues a modified approval or until notified otherwise.
65. If the IDEM requires the transferee to apply for a new PCB disposal approval, the transferee must submit to the Commissioner of IDEM a complete TSCA application for disposal, closure and post-closure care. The Commissioner may also require any additional information necessary to ensure that the vault poses no unreasonable risk to health and the environment.

BANKRUPTCY

66. In the event that the Permittee, or its successor or assigns, file for bankruptcy, the Permittee shall immediately provide written notice of such to the Commissioner of IDEM.

TABLE I

Parameter	STORET No.	CAS No.
Bromodichloromethane	32101	75-27-4
Bromoform	32104	75-25-2
Bromomethane	34413	74-83-9
Carbon tetrachloride	32102	56-23-5
Chlorobenzene	34301	108-90-7
Chloroethane	34311	75-00-3
2-Chloroethylvinyl ether	34576	100-75-8
Chloroform	32106	67-66-3
Chloromethane	34418	74-87-3
Dibromochloromethane	32105	124-48-1
1,2-Dichlorobenzene	34536	95-50-1
1,3-Dichlorobenzene	34566	541-73-1
1,4-Dichlorobenzene	34571	106-46-7
Dichlorodifluoromethane	34668	75-71-8
1,1-Dichloroethane	34496	75-34-3
1,2-Dichloroethane	34531	107-06-2
1,1-Dichloroethene	34501	75-35-4
trans-1,2-Dichloroethene	34546	156-60-5
1,2-Dichloropropane	34541	78-87-5
cis-1,3-Dichloropropene	34704	10061-01-5
trans-1,3-Dichloropropene	34699	10061-02-6
Methylene chloride	34423	75-09-2
1,1,2,2-Tetrachloroethane	34516	79-34-5
Tetrachloroethene	34475	127-18-4
1,1,1-Trichloroethane	34506	71-55-6
1,1,2-Trichloroethane	34511	79-00-5
Tetrachloroethene	39180	79-01-6
Trichlorofluoromethane	34488	75-69-4
Vinyl chloride	39715	75-01-4

Parameter	STORET No.	CAS No.
Benzene	34030	71-43-2
Chlorobenzene	34301	108-90-7
1,2-Dichlorobenzene	34536	95-50-1
1,3-Dichlorobenzene	34566	541-73-1
1,4-Dichlorobenzene	34571	106-46-7
Ethylbenzene	34371	100-41-4
Toluene	34010	108-88-3

APPENDIX B

DISPOSAL MODIFICATION APPROVAL LETTERS

- APPENDIX B.1 TSCA APPROVAL TO DISPOSE OF PCBs, U.S. EPA, MAY 9, 2007
- APPENDIX B.2 GM REQUEST FOR MODIFICATION TO THE OCTOBER 26, 2006 TSCA APPROVAL TO DISPOSE OF PCBs, U.S. EPA, APRIL 15, 2008
- APPENDIX B.3 MODIFICATION REQUEST TO PCB RISK-BASED DISPOSAL APPROVAL, IDEM, APRIL 28, 2008
- APPENDIX B.4 MODIFICATION REQUEST TO PCB RISK-BASED DISPOSAL APPROVAL, IDEM, JULY 7, 2008
- APPENDIX B.5 GM REQUEST FOR MODIFICATION TO THE OCTOBER 26, 2006 TSCA APPROVAL TO DISPOSE OF PCBs, U.S. EPA, AUGUST 15, 2008

APPENDIX B.1

TSCA APPROVAL TO DISPOSE OF PCBs, U.S. EPA, MAY 9, 2007



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGIONS 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

MAY 09 2007

REPLY TO THE ATTENTION OF:

DT-8J

Cheryl R. Hiatt, Project Manager
General Motors Corporation
Worldwide Facilities Group Remediation Team
2000 Centerpoint Parkway (483-520-190)
Pontiac, Michigan 48341-3147

Re: Toxic Substances Control Act Approval to Dispose of Polychlorinated Biphenyls

Dear Ms. Hiatt:

This letter is to confirm that General Motors (GM) may dispose of approximately 20 cubic yards of sediment into the Toxic Substances Control Act (TSCA) approved disposal facility (vault) located at the East Plant Area of GM's Bedford, Indiana facility.

The TSCA approval allows GM to dispose of PCB contaminated soil from the East Plant area into the vault. This sediment was generated from construction and dewatering activities associated with GM's excavation of soil and rock for the installation of a 48-inch gravity sewer pipe within the East Plant area.

You may dispose of the sediment into the vault provided you comply with our conditions regarding stabilization of the sediment and removal and disposal of the oil in the sediment. These conditions are discussed in the following paragraphs.

GM must remove the oil droplets from the sediment in accordance with the procedure described in your April 12, 2007 email to Jean Greensley. This must be done before GM transfers the sediment from a frac tank to a double lined roll-off box. The oil and the remediation waste associated with the collection of the oil must be incinerated.

GM may use bed ash to stabilize the sediment provided it does not raise the temperature and volatilize PCBs that may be in the sediment. The amount of bed ash added to the sediment must be sufficient to strengthen the material so it can support the vault cap.

If you have any questions regarding the conditions in this letter, please contact Jean Greensley, of my staff, at 312-353-1171.

Sincerely,

A handwritten signature in cursive script that reads "Tony Martig".

Tony Martig, Chief
Toxics Program Section

cc: Jerry O'Callahan - IDEM
George Ritchotte - IDEM
Peter Ramanauskas - U.S. EPA

APPENDIX B.2

GM REQUEST FOR MODIFICATION TO THE OCTOBER 26, 2006 TSCA APPROVAL TO
DISPOSE OF PCBs, U.S. EPA, APRIL 15, 2008



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD

CHICAGO, IL 60604-3590

APR 15 2008

REPLY TO THE ATTENTION OF:

L-8J

Cheryl R. Hiatt, Project Manager
General Motors Corporation
Worldwide Facilities Group Remediation Team
2000 Centerpoint Parkway (483-520-190)
Pontiac, Michigan 48341-3147

Re: General Motors Corporation Request for Modification to the October 26, 2006
Toxic Substances Control Act Approval to Dispose of Polychlorinated Biphenyls

Dear Ms. Hiatt:

The U.S. Environmental Protection Agency has reviewed your October 5, 2007 request for a modification to the October 26, 2006 Approval (Approval) EPA issued to General Motors Corporation (GM). The Approval allowed GM to dispose of over 50 parts per million (ppm) material excavated from the Northern Tributary and East Plant Area at GM's Bedford Powertrain Facility (Facility) into the on-site constructed landfill vault (vault).

You are requesting a change to the Scope of Work of the Approval that would allow GM to dispose of approximately 1,407 cubic yards (cy) excavated from a portion of the Facility located west of GM Drive (West Plant Area) into the vault. Additionally, material excavated from Parcel 201 of the East Plant Area would be disposed of in the vault.

We are granting this modification to the Approval based on our review of information in your October 5, 2007 request, additional information provided in the *Request for Amendment 40 CFR 761.61(c) Approval Over 50 mg/kg PCB Soil Source Removal and Cover System Design West Plant Area* dated December 12, 2007, and supplemental information provided in response to EPA comments. EPA approves this modification provided disposal of the material excavated from the West Plant Area and Parcel 201 does not exceed the 135,000 cy capacity of the vault. If it does, the excess material must be disposed of in an off-site facility permitted to accept PCB material. To verify that GM has not exceeded the capacity of the vault, you must submit a weekly report to EPA itemizing the amount of material from the West Plant Area and Parcel 201 deposited in the vault and the remaining capacity of the vault. This report must be sent to Jean Greensley, of my staff, at the above address or submitted via email to greensley.jean@epa.gov.

This modification to the Approval is effective today and is issued pursuant to 40 CFR § 761.61(c) of the federal PCB regulations. This modification is solely for the disposal of the material generated from the West Plant Area. Disposal of the material excavated from Parcel 201 is covered under the Scope of Work of the October 26, 2006 Approval. No other PCB contaminated material may be disposed of in the vault. EPA will decide whether GM's backfilling and restoration plan for the West Plant Area excavation is acceptable once additional investigative activities in this area are performed to EPA's satisfaction. EPA will notify GM of our decision on the West Plant Area excavation in a separate letter.

This modification to the Approval does not relieve GM from the responsibility to comply with all applicable provisions of the Toxic Substances Control Act (TSCA) and the federal PCB regulations or any other applicable federal, state or local regulations. Since the State of Indiana has adopted the federal PCB regulations, no material from the West Plant Area may be disposed of in the vault until GM receives an approval for this activity from the state. This modification to the Approval does not preclude EPA from initiating an enforcement action, including seeking civil penalties, for violations of TSCA or the federal PCB regulations.

If you have any questions regarding this approval, please contact Jean Greensley at (312) 353-1171.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bruce F. Sypniewski', written in a cursive style.

Bruce F. Sypniewski, Deputy Director
Land and Chemicals Division

cc: Gerald O'Callahan, IDEM
George Ritchotte, IDEM

APPENDIX B.3

MODIFICATION REQUEST TO PCB RISK-BASED DISPOSAL APPROVAL,
IDEM, APRIL 28, 2008



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels, Jr.

Governor

Thomas W. Easterly

Commissioner

100 North Senate Avenue

Indianapolis, Indiana 46204

(317) 232-8603

Toll Free (800) 451-6027

www.idem.IN.gov

VIA CERTIFIED MAIL: 700 0510 0004 2616 3500

April 28, 2008

Ms. Cheryl R. Hyatt, Project Manager
General Motors Corporation
Worldwide Facilities Group
2000 Centerpoint Parkway
Mail Code: 483-520-190
Pontiac, Michigan 48341-3147

Re: Modification Request to
PCB Risk-Based Disposal Approval
General Motors Powertrain Bedford Facility
EPA ID # IND006036099
Bedford, Lawrence County

Dear Ms. Hyatt:

The Indiana Department of Environmental Management (IDEM) has completed its review of the General Motors Corporations request for modification to the PCB Risk-Based Disposal Approval (Approval), issued by the IDEM on October 26, 2006. The Approval allows for the disposal of 50 ppm and over PCB waste generated during remediation activities at the "East Plant" area at the General Motors Powertrain Bedford Facility and the Northern Tributary, into an on-site constructed landfill vault (vault). The Approval specifically outlined the "Conditions for Approval" to ensure protection of human health and the environment during disposal.

Specifically, this request for modification from General Motors' is to allow for the additional placement of approximately 1,407 cubic yards of 50 ppm and over PCB waste generated from remediation activities at the facility located west of GM Drive, known as the "West Plant Area."

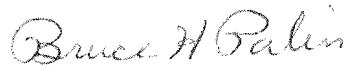
IDEM hereby approves General Motors request to modify the PCB Risk-Based Disposal Approval to include the disposal of remediation wastes from the "West Plant Area." With regard to General Motors request to also modify the Approval to include materials excavated from Parcel 201 of the East Plant Area, IDEM has determined that approval for this material has already been given within the original PCB Risk-Based Disposal Approval.

Please note that this modified approval does not supercede the original allowance within the PCB Risk-Based Disposal Approval, which capped disposal volumes at approximately 125,000 cubic yards to be placed into the "vault." Any additional wastes generated must be disposed off-site at a facility permitted to accept such waste(s). The IDEM reserves the right to revoke this modification approval if it is determined that such disposal possesses a risk to human health or the environment.

Pursuant to IC 4-21.5, a Petition for Review of this approval letter may be initiated by you, as applicant, or by an "aggrieved or adversely affected person". This approval becomes effective once all applicable time periods for petitioning for Stay of Effectiveness have expired, unless you are notified in writing by an Environmental Law Judge that the approval has been further stayed. As discussed in the enclosed "Notice of Decision", if you wish to challenge this decision, you must file a Petition for Review with the Office of Environmental Adjudication within eighteen (18) days from the date that this approval letter was mailed, pursuant to IC 4-21.5-3-7.

If you have further questions regarding this matter, please contact Mr. George Ritchotte of the Office of Land Quality's Industrial Waste Section at (317) 308-3123.

Sincerely,

A handwritten signature in cursive script that reads "Bruce H. Palin".

Bruce H Palin
Assistant Commissioner
Office of Land Quality

Enclosures

cc: Lawrence County Health Department



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

NOTICE OF DECISION YOUR RIGHT TO REQUEST AN ADMINISTRATIVE REVIEW PURSUANT TO INDIANA CODE 4-21.5-3-5

Pursuant to IC 4-21.5-3-7, review of this decision may be initiated by the person to whom the decision is specifically directed or any aggrieved or adversely affected person.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that a written petition for administrative review be filed. This petition describing your intent must be submitted to:

**Office of Environmental Adjudication
Indiana Government Center North
Room N501
100 N. Senate Ave.
Indianapolis, IN 46204-2200**

within eighteen (18) days of the mailing of this notice.

If the eighteenth day falls on a Saturday, Sunday, legal holiday, or other day our offices are closed during regular business hours, then you have until the next day that our offices are open during regular business hours to file your petition. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing: (1) The date the document is delivered to the Office of Environmental Adjudication (OEA). (2) The date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail. (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to OEA by private carrier.

This petition must include facts demonstrating that the petitioner is the applicant, a person aggrieved by the decision, or a person entitled to review by law. Identifying the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, or date of this notice will expedite review of the petition.

Pursuant to IC 4-21.5-3-5(d), the Office of Environmental Adjudication will provide the petitioner or any person requesting notice with notice of prehearing conferences, preliminary hearings, hearing stays or orders disposing of the petition for review if written request for such notice is submitted to the OEA at the above address. If you have any procedural or scheduling questions regarding your petition, the OEA may be contacted at (317) 232-8591. However, if you have technical or substantive questions about this matter, please contact George Ritchotte at 317/308-3123.

We also request that you submit a copy of your petition to:

**Rosemary Cantwell, Chief
Industrial Waste Section 1
Compliance and Response Branch
Office of Land Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015**

Pursuant to IC 4-21.5-3-5(f) and 4-21.5-3-5(h), this decision takes effect eighteen (18) days from the mailing of this notice. If the eighteenth day falls on a Saturday, Sunday, legal holiday, or other day our offices are closed during regular business hours, then the decision does not take effect until the next day that our offices are open during regular business hours. If a petition for review and a petition for stay of effectiveness are filed before the decision becomes effective, then any part of the decision that is within the scope of the petition for stay is stayed for an additional fifteen (15) days. Any part of the decision not within the scope of the petition for stay is not stayed.

gar/4/2008

APPENDIX B.4

MODIFICATION REQUEST TO PCB RISK-BASED DISPOSAL APPROVAL,
IDEM, JULY 7, 2008



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

VIA CERTIFIED MAIL: 7002 0510 0004 2616 2367

July 7, 2008

Ms. Cheryl R. Hyatt, Project Manager
General Motors Corporation
Worldwide Facilities Group
2000 Centerpoint Parkway
Mail Code: 483-520-190
Pontiac, Michigan 48341-3147

Re: Modification Request to
PCB Risk-Based Disposal Approval
General Motors Powertrain Bedford Facility
EPA ID # IND006036099
Bedford, Lawrence County

Dear Ms. Hyatt:

The Indiana Department of Environmental Management (IDEM) has completed its review of the May 20, 2008, General Motors Corporations (GM) request for modification to the PCB Risk-Based Disposal Approval (Approval), issued by IDEM on October 26, 2006. This latest modification request was submitted to further clarify that the specific vault capacity that was previously listed in the above mentioned approval, and the April 28, 2008 modification, was based on an approximate rounded volume. You further indicated that the more specific capacity that the vault would allow for the disposal, in an un-rounded amount, would be 135,462 cubic yards.

This Office would not object to the placement of up to 135,462 cubic yards of ≥ 50 ppm PCB impacted soils and debris from locations discussed in the October 26, 2006 and April 28, 2008 approvals, provided that those additional volumes will not impact the vault's abilities to be a protective disposal means for those wastes. If it is determined that the additional volumes are/will cause such problems, GM must cease disposal and initiate immediate corrective measures that would include proper disposal off-site. Volumes of waste generated during remedial activities exceeding this specific capacity must also be disposed in an appropriate off-site manner.

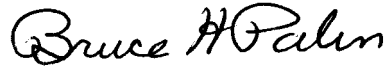
IDEM hereby approves GM's request to modify the PCB Risk-Based Disposal Approval to allow for a maximum total volume of 135,462 cubic yards of PCB impacted waste to be disposed in the vault. Please note that all other previous conditions noted in the October 26, 2006 and April 28, 2008 approvals still apply. IDEM reserves the right to revoke this modification approval if it is determined that such additional volumes possess a risk to human health or the environment.

Modification Request to PCB Risk-Based PCB Approval
General Motors Powertrain Bedford
Ms. Hyatt
Page 2

Pursuant to IC 4-21.5, a Petition for Review of this permit letter may be initiated by you, as applicant, or by an "aggrieved or adversely affected person". This permit becomes effective once all applicable time periods for petitioning for Stay of Effectiveness have expired, unless you are notified in writing by an Environmental Law Judge that the permit has been further stayed. As discussed in the enclosed "Notice of Decision", if you wish to challenge this decision, you must file a Petition for Review with the Office of Environmental Adjudication within eighteen (18) days from the date that this permit letter was mailed, pursuant to IC 4-21.5-3-7.

If you have further questions regarding this matter, please contact Mr. George Ritchotte of the Office of Land Quality's Industrial Waste Section at (317) 308-3123.

Sincerely,

A handwritten signature in black ink that reads "Bruce H. Palin". The signature is written in a cursive style with a large, stylized "B" and "P".

Bruce H Palin
Assistant Commissioner
Office of Land Quality

Enclosure

cc: Lawrence County Health Department

APPENDIX B.5

GM REQUEST FOR MODIFICATION TO THE OCTOBER 26, 2006 TSCA APPROVAL TO
DISPOSE OF PCBs, U.S. EPA, AUGUST 15, 2008



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

AUG 15 2008

REPLY TO THE ATTENTION OF:

LC-8J

Ms. Cheryl R. Hiatt
Project Manager
General Motors Corporation
Worldwide Facilities Group Remediation Team
2000 Centerpoint Parkway (483-520-190)
Pontiac, Michigan 48341-3147

Re: General Motors Corporation Request for Modification to the October 26, 2006
Toxic Substances Control Act Approval to Dispose of Polychlorinated Biphenyls

Dear Ms. Hiatt:

The U.S. Environmental Protection Agency, Region 5, has reviewed your May 20, 2008 request for Modification to the October 26, 2006 and April 15, 2008 Toxic Substances Control Act (TSCA) Approvals to Dispose of Polychlorinated Biphenyls (PCBs). The April 15 letter allowed GM to dispose of over 50 mg/kg PCB soils generated from the West Plant Area excavation at GM's Bedford Powertrain Facility (Facility) into the on-site constructed landfill vault (vault).

Your response letter provides clarification that the vault fill capacity of 135,000 cubic yards, as noted in the October 26, 2006 approval, was based on an approximate capacity and that the actual design capacity is 135,462 cubic yards. You further clarify that GM will submit weekly reports to EPA itemizing the amounts deposited in the vault and the remaining vault capacity. GM should dispose of any remaining ≥ 50 mg/kg PCB soils in excess of 135,462 cubic yards in accordance with the July 31, 2003 Administrative Order on Consent.

Your letter further proposes an approach for the approval timing of the West Plant excavation backfilling and restoration. High levels of PCBs have been found in the deep, native soil layers within this area, and it is understood that not all of this material can be removed due to infrastructure concerns. As you are aware from discussions with EPA staff, EPA's concern with this area is to ensure that there is no PCB migration to and from the area. Based on discussions with GM staff, it is understood that, during the West Plant AOI 21-2 excavation, GM will evaluate the sewer lines and sewer line bedding as potential migration pathways for PCB impacted materials and sample the sediments contained within the lines and the bedding around the sewer lines. GM will abandon or remove those lines no longer in use and restore sewer and/or water lines which will remain in use. Given the infrastructure concerns in this area, EPA agrees with GM's proposed excavation and backfilling approach with the condition that, because not all high concentration PCB impacted materials can be feasibly removed from this area, GM

will incorporate the addition of overburden and bedrock groundwater monitoring wells into the parking lot/restoration design at optimal locations and depths. Should monitoring reveal that migration control in addition to that provided by the perimeter trench system is required, GM should be prepared to install an engineered groundwater collection system at AOI 21-2. EPA will inform GM promptly should additional remediation be required within the excavation prior to backfilling based on the daily GM provided photos and updates. If EPA staff schedules allow, an on-site inspection of the excavation will be scheduled.

This modification to the October 26, 2006 vault approval and the April 15, 2008 approval is effective today and is issued under the TSCA and the federal PCB regulations at 40 C.F.R. § 761.61(c), Risk-Based Disposal Approval. It is based on the collective site-specific factors and information that you submitted and we reviewed as part of the East Plant Area Interim Measure and the West Plant excavation, backfilling and restoration, and is applicable to the GM Powertrain, Bedford, Indiana facility only. Specifically, it is based on the complete and effective implementation of the components and tasks of the East Plant Area Interim Measure and the West Plant excavation, backfilling and restoration in a manner that will not present an unreasonable risk to human health or the environment. The components and tasks include the implementation of Institutional Controls, the Area of Interest 8 NAPL Source Removal System, the East Plant Area Perimeter Groundwater Collection System, and the West Plant excavation, backfilling and restoration procedures outlined in paragraph three of this letter. Failure to completely and effectively implement any of these components and tasks may result in the requirement to dispose of the PCB impacted soils at a different site.

This modification to the approval does not relieve GM from the responsibility to comply with all applicable provisions of the TSCA and the federal PCB regulations or any other applicable federal, state or local regulations. Since the State of Indiana has adopted the federal PCB regulations, GM must receive an approval from the state. This modification to the approvals does not preclude EPA from initiating an enforcement action, including seeking civil penalties, for violations of TSCA or the federal PCB regulations.

If you have any questions regarding this approval, please contact Jean Greensley at (312) 353-1171 or Peter Ramanauskas at (312) 886-7890.

Sincerely,



Bruce F. Sypniewski
Deputy Director
Land and Chemicals Division

cc: Mr. Gerald O'Callahan, IDEM
Mr. George Ritchotte, IDEM