RCRA FACILITY INVESTIGATION

QUARTERLY PROGRESS REPORT #31
FOURTH QUARTER 2008

GM POWERTRAIN – BEDFORD FACILITY
105 GM DRIVE
BEDFORD, INDIANA

EPA ID# IND006036099

Prepared For:
General Motors Corporation

JANUARY 14, 2009
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QUARTERLY PROGRESS REPORT
DISTRIBUTION LIST

U.S. EPA - Waste, Pesticide and Toxins Division, Project Manager	**Peter Ramanauskas (via e-mail)**
U.S. EPA – Emergency Response Branch, On-Scene Coordinator	**Brad Stimple**
TN and Associates, U.S. EPA Consultant	**Stacy DeLaReintrie**
Earth Tech, U.S. EPA Consultant	**John Bassett**
Indiana Department of Environmental Management	**Gerald O'Callaghan (via e-mail)**
U.S. Fish and Wildlife Service	**Dan Sparks**
GM WFG Remediation	**Cheryl Hiatt /Ed Peterson**
CRA, Project Coordinator	**James McGuigan (via e-mail)**
CRA, Project Geologist	**Bill Steinmann (via e-mail)**
CRA, Oversight Engineer	**Katie Kamm**
CRA, QA/QC Officer	**Jeff Nichols**
ENVIRON	**Steve Song (via e-mail)**

1.0 INTRODUCTION

This Quarterly Progress Report is submitted in accordance with the Bedford Performance-Based Corrective Action Agreement (Agreement) between the United States Environmental Protection Agency (U.S. EPA) and General Motors Corporation (GM), executed on March 20, 2001, and modified on October 1, 2002, March 29, 2007, and May 9, 2008. This report covers the period of the fourth calendar quarter of 2008 for the GM Powertrain – Bedford Facility (Facility), Bedford, Indiana. Some of the activities conducted as part of the overall Resource Conservation and Recovery Act (RCRA) Corrective Action (CA) are being addressed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Removal Action (RA) Program, pursuant to the Administrative Order on Consent (AOC) between U.S. EPA and GM (effective July 31, 2003). These activities are described in more detail within the CERCLA Monthly Progress Reports referred to herein.

The next quarterly progress report, covering the First Quarter of 2009, will be submitted on or before April 15, 2009.

2.0 LIST OF COMPLETED ACTIVITIES

The following activities took place and the following documents were prepared and distributed during this quarter:

- Conference calls were held with U.S. EPA, Indiana Department of Environmental Management (IDEM), the Agency for Toxic Substance and Disease Registry (ATSDR), and Indiana State Department of Health (ISDH) on October 7 and 28, November 20, and December 5 and 17, to discuss project progress (United States Fish and Wildlife Service (USFWS) was also invited to attend the update calls);
- Fact Sheet 22 was released to the public and U.S. EPA on December 1;
- Information sessions for the public were held at the Facility during the Fourth Quarter on December 10 and 11;
- The Community Liaison Panel (CLP) met on December 12;
- Updates regarding the status of the West Plant excavation were sent to U.S. EPA via e-mail on October 2;
    - Received confirmation from U.S. EPA on October 2 that they would be on-Site to inspect the excavation prior to backfill and that photographs of the completed excavation be taken by CRA and sent to U.S. EPA. A U.S. EPA representative was on-Site to complete the inspection on October 6;
    - Photographs of the completed excavation were sent to U.S. EPA via e-mail on October 6;
    - A response to U.S. EPA questions regarding additional information related to the West Plant excavation were sent to U.S. EPA via e-mail on October 6;
    - U.S. EPA responded via e-mail on October 7 requesting further details about the fate of utilities found within the West Plant excavation; and
    - A response explaining the fate of utilities found within the West Plant excavation was sent via e-mail on October 7 to U.S. EPA;
- Air monitoring was conducted for construction activities in the East Plant Area in October 2008. Air monitoring results completed for work in the East Plant Area are presented in Tables 2.1 (PCB) and 2.2 (TSP). Figure 2.1 Presents the sampling locations in the East Plant Area;
    - A request to discontinue air sampling activities at the Site was approved by U.S. EPA on October 6 via e-mail; and

  - A formal air sampling modification request including all air sampling data to-date were sent to U.S. EPA via e-mail on October 29 and a compact disc containing all of the air sampling data was provided to U.S. EPA on October 31;
- Placement of creek RA <50 mg/kg PCB material in the East Plant Area continued during the Fourth Quarter of 2008;
- An e-mail was sent to U.S. EPA on October 2 to provide an update on the status of the remaining capacity of the Vault and the anticipated Vault closure schedule;
- Response to comments on the Perimeter Trench Design were e-mailed to U.S. EPA on October 30;
- Semi-annual groundwater sampling for monitoring under the Environmental Indicator CA750 was completed in October and November 2008;
- Response to comments on the Area of Interest (AOI) 8 Interim Measure (IM) Work Plan were submitted to U.S. EPA on November 3, 2008;
- A revised text section describing data quality of the verification samples and a summary table to be inserted into the Western Tributary IM Construction Certification Report were sent to U.S. EPA via e-mail on November 3;
  - U.S. EPA responded via e-mail on November 4, requesting acceptance ranges and actual values for samples collected from the laboratory control sample percent recovery violation (LCS);
  - On November 7, the additional requested information was provided via e-mail in an updated redline of the text section that was originally e-mailed to U.S. EPA on November 3; and
  - The Western Tributary IM Construction Certification Report (Revision 1) dated November 18, was sent to U.S. EPA on November 21;
- On November 4, CRA notified U.S. EPA that effluent sample results from the Sevenson Water Treatment Plant #2 indicated that discharge criteria had been exceeded;
  - A follow-up e-mail was sent to U.S. EPA on November 10 regarding the water treatment for the remaining creek remediation areas;
- The September 2008 Seeps and Springs Low-Flow Data Package Update was sent to U.S. EPA on November 14;
- The response to comments received with the May 9, 2008 CMP Extension Approval were submitted to U.S. EPA via e-mail on November 14;

- The Site Source Control (SSC) Investigation Summary and Proposed Removal Action (RA) Approach for Spring 018C was sent to U.S. EPA on November 14;
- The Groundwater Collection Trench Pilot Study Area, East Plant – Station 24+00 to WW-6 Report was sent to U.S. EPA for review on November 25;
- A letter summarizing the Parcel 204 IM excavation completion was emailed to U.S. EPA on December 5;
- Quarterly seeps and springs sampling was conducted in December 2008;
- Quarterly groundwater elevation measurements for monitoring under the Environmental Indicator CA750 was completed in December 2008; and
- The October 2008, November 2008, and December 2008 CERCLA RA Monthly Progress Reports were submitted during the Fourth Quarter of 2008. Quarterly Progress Report #30 for the Third Quarter of 2008 was submitted October 15.

3.0 SUMMARIES OF ALL CHANGES MADE IN THE CORRECTIVE ACTION (CA) DURING THE REPORTING PERIOD

The following changes were made to the CA during the reporting period:

- Approval was received from U.S. EPA to discontinue air monitoring on October 6, 2008;
- Approval was received from U.S. EPA on the Western Tributary IM Construction Certification Report on November 17; and
- Publication of Fact Sheet 22 on December 1, 2008.

4.0 COMMUNITY RELATIONS

The telephone number for public contact (Susan Waun, GM Communications) is 812-583-3753. Individual meetings can also be arranged to discuss sampling results with residents as requested.

Quarterly meetings to review project status, are held both with the neighbors along the creek and around the plant, as well as with the general public. Quarterly meetings were held during this reporting period on December 10 and 11, 2008. The meetings were held as regular project update information sessions from 6:30 PM to 8:00 PM at the Bedford Facility. Presentations for the meetings are posted on the web site at www.bedfordpowertraincorrectiveaction.com. The next set of public meetings will be held in March 2009 on a date to be determined.

Fact Sheet 22 was issued on December 1, 2008.

The CLP meeting occurred in this quarter on December 12, 2008. The CLP was formed to provide additional communication avenues for the community and the meetings are currently being held at the GM Facility approximately every three months or more frequently if information on the project changes significantly. The CLP meeting minutes are posted on the GM website at www.bedfordpowertraincorrectiveaction.com. The next CLP meeting is scheduled for March 2009 on a date to be determined.

The Information Center located at the plant lobby is available by appointment through Ms. Susan Waun, GM Communications, at the project number 812-583-3753. The documents repository is no longer located at the Bedford Public Library. All data that were located at the Library repository can be found on the aforementioned web site.

5.0 CHANGES IN PERSONNEL DURING THE REPORTING PERIOD

A number of field personnel have been rotated in and out of the field activities.

- Susan Waun is the new public communications support person for GM.

Most CRA staff and contractor operators left the Site at the end of the quarter or will be leaving at the end of January. A small number of CRA staff and contractors will remain on site to complete winter shutdown operations, continue necessary sampling programs, operate water treatment facilities, and provide personnel and oversight for maintenance activities through the winter.

6.0 PROJECTED WORK FOR THE NEXT REPORTING PERIOD

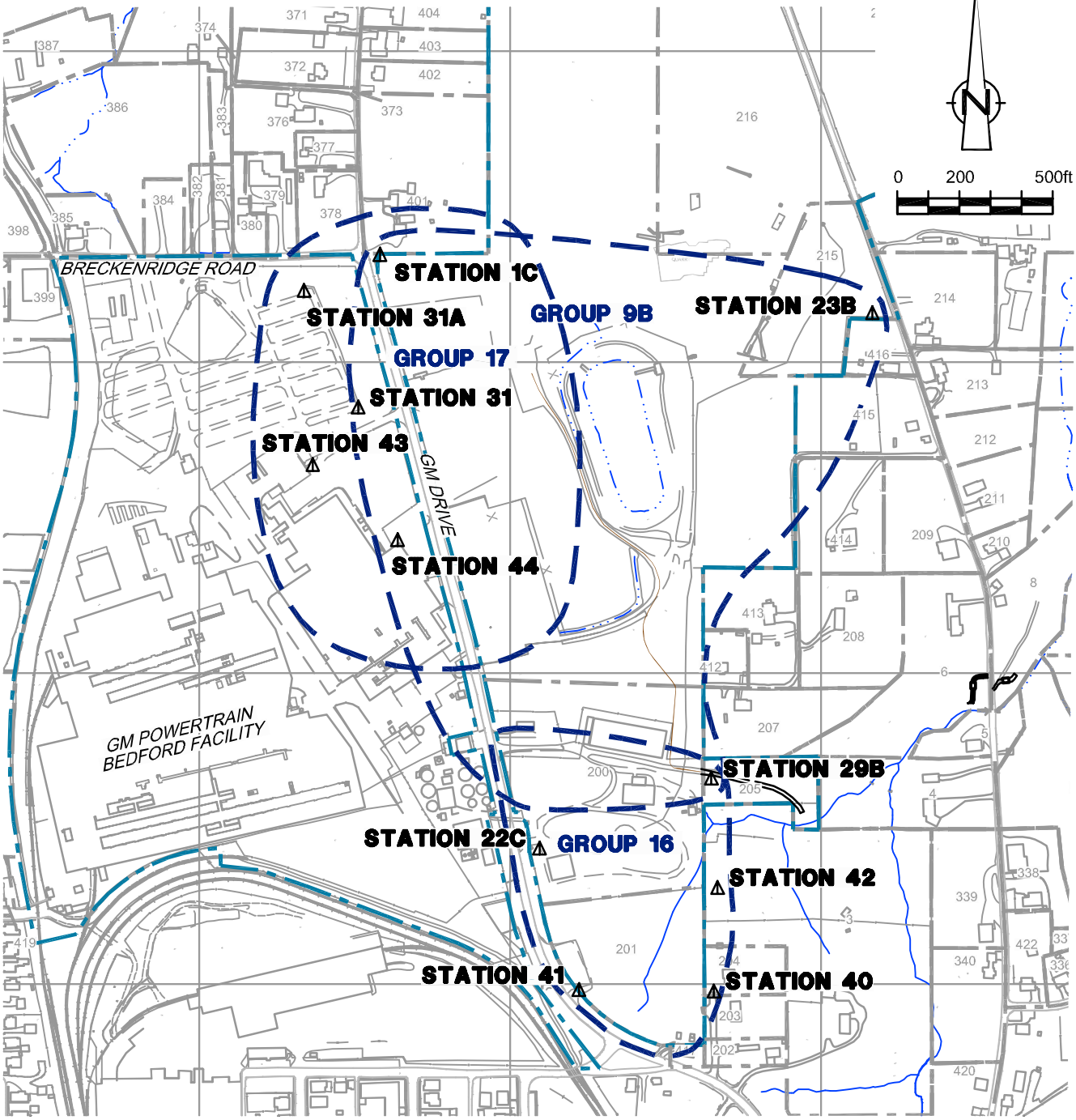
Work projected for the next reporting period includes:

- Conducting a neighborhood information session in March 2009 on a date to be determined;
- Conducting a general public information session in March 2009 on a date to be determined;
- Conducting a CLP Meeting in March 2009 on a date to be determined;
- Preparing and distributing Fact Sheet 23 in the next quarter;
- Continuing the evaluation of RFI soil and groundwater data, as needed;
- Conducting the quarterly seeps and springs sampling event, as required under the SSC Work Plan;
- Completing approved work as outlined in the West Plant Area IM Work Plan and related correspondence;
- Completing the Northern Tributary IM Construction Certification Report;
- Completing soil sampling in the area near Parcel 400 in January 2009 and completing an IM Work Plan for this area;
- Completing temporary liner covers on soil piles, fill areas and excavations for the winter shutdown period;
- Maintaining temporary liner covers and runoff water collection and treatment where necessary;
- Continuing with RA activities on downstream parcels placement of the <50 mg/kg PCB RA soils in the East Plant Area as grading fill beneath the landfill cover system after the spring melt and rainy weather;
- Completing construction of the vault cover after the spring melt and rainy weather; and
- Completing design modifications the East Plant Cover System design to address additional soil placement as needed.

7.0 COPIES OF DAILY REPORTS, INSPECTION REPORTS, LABORATORY/MONITORING DATA

Parcel 204 verification sample locations are presented on Figure 7.1. Validated sample are presented in Table 7.1. The 95% UCL calculations were completed for the final verification data from Parcel 204 (see Attachment A) and are below the cleanup objective of 1.8 mg/kg Total PCBs.

Packages of analytical data from creek remediation verification sampling have been submitted monthly as they become available, after validation, in the monthly reports prepared for the CERCLA AOC, and will continue to be submitted during the next reporting period when or if sampling is conducted. Any other sampling data collected during the quarter will be submitted under separate cover once validation is completed.



SOURCE: BASE MAP COMPLETED BY AIR-LAND SURVEYS, FLINT, MI, APRIL 2001.

NOTES: 1) GM PROPERTY BOUNDARY SURVEY BY BLEDSOE RIGGERT GUERRETTAZ RECEIVED OCTOBER 2007. ADJACENT PROPERTY BOUNDARY LOCATIONS APPROXIMATED FROM THE LAWRENCE COUNTY SURVEY PLATS. ADJOINING PROPERTY LINES MAY NOT ACCURATELY REPRESENT THE TRUE PROPERTY BOUNDARIES

LEGEND

- EXISTING BUILDINGS
- FENCE LINE
- RAILROAD TRACKS
- DIRT ROADS
- ROADS / PAVED AREAS
- APPROXIMATE SURFACE WATER LOCATION
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE GM PROPERTY BOUNDARY
- STATION 41 AIR SAMPLING LOCATION
- AIR SAMPLING GROUP

figure 2.1

EAST PLANT AREA AIR MONITORING STATIONS
QUARTERLY PROGRESS REPORT No.31
GM POWERTRAIN BEDFORD FACILITY
Bedford, Indiana

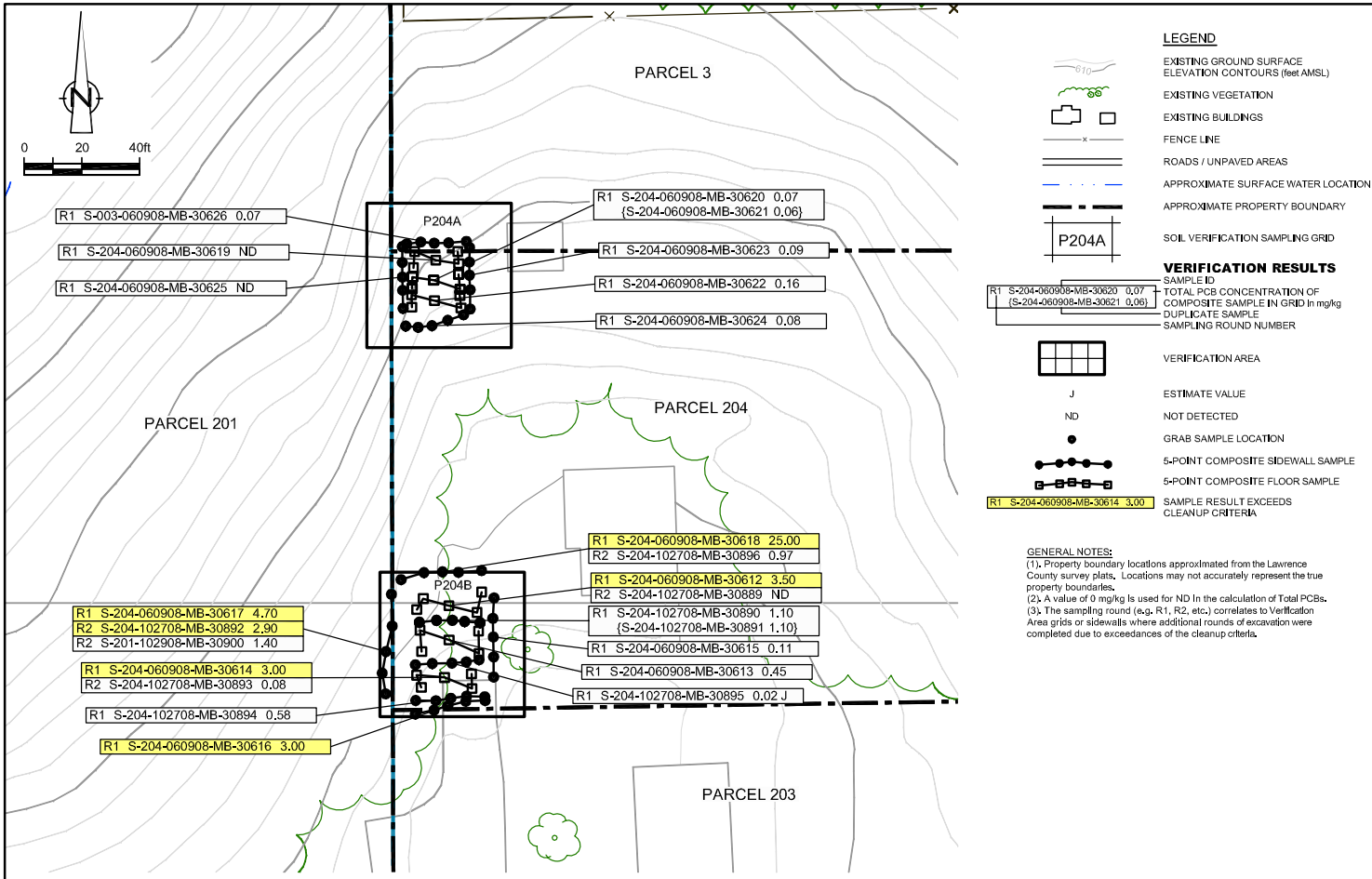


figure 7.1

PARCEL 204 POST EXCAVATION VERIFICATION SAMPLE SUMMARY LOCATIONS AND RESULTS
QUARTERLY PROGRESS REPORT No.31
GM POWERTRAIN BEDFORD FACILITY
Bedford, Indiana

SUMMARY OF PCB AIR MONITORING ANALYTICAL RESULTS - OCTOBER TO DECEMBER 2008
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Unit_ID	*STATION 1C PUF-16*	*STATION 22C PUF-18*	*STATION 23B PUF-2*	*STATION 29B PUF-5*	*STATION 31A PUF-6*	*STATION 40 PUF-22*	*STATION 41 PUF-23*	*STATION 42 PUF-12*	*STATION 43 PUF-4*	*STATION 44 PUF-17*
01/10/2008										
Total Volume(m3)	476	336	NR	358	488	433	202	409	417	476
Total PCB Mass(ug)	1.8	6.5	NR	4.8	0.8	21	*	7	2.5	110
PCB Concentration(ug/m3)	0.0038	0.0193	NR	0.0134	0.0016	0.0485	*	0.0171	0.006	0.2311
Percent of Allowable(%)	0	2	NR	1	0	5	*	2	1	23
02/10/2008										
Total Volume(m3)	432	325	NR	340	444	350	18	382	411	427
Total PCB Mass(ug)	2.4	2.5	NR	3.5	0.5	1.1	*	9.6	2.5	25
PCB Concentration(ug/m3)	0.0056	0.0077	NR	0.0103	0.0011	0.0031	*	0.0251	0.0061	0.0585
Percent of Allowable(%)	1	1	NR	1	0	0	*	3	1	6
03/10/2008										
Total Volume(m3)	406	298	NR	337	473	328	302	379	450	412
Total PCB Mass(ug)	4.8	5.5	NR	4.4	4.7	6.3	5.6	14	43	44
PCB Concentration(ug/m3)	0.0118	0.0185	NR	0.0131	0.0099	0.0192	0.0185	0.0369	0.0956	0.1068
Percent of Allowable(%)	1	2	NR	1	1	2	2	4	10	11
04/10/2008										
Total Volume(m3)	NR	356	NR	398	NR	435	400	449	NR	NR
Total PCB Mass(ug)	NR	8.3	NR	1.7	NR	6.2	14	3.6	NR	NR
PCB Concentration(ug/m3)	NR	0.0233	NR	0.0043	NR	0.0143	0.035	0.008	NR	NR
Percent of Allowable(%)	NR	2	NR	0	NR	1	4	1	NR	NR
05/10/2008										
Total Volume(m3)	NR	NR	NR	NR	NR	NR	NR	NR	117	NR
Total PCB Mass(ug)	NR	NR	NR	NR	NR	NR	NR	NR	*	NR
PCB Concentration(ug/m3)	NR	NR	NR	NR	NR	NR	NR	NR	*	NR
Percent of Allowable(%)	NR	NR	NR	NR	NR	NR	NR	NR	*	NR
06/10/2008										
Total Volume(m3)	NR	325	421	366	NR	409	362	409	NR	NR
Total PCB Mass(ug)	NR	4.4	1.4	1.2	NR	1	20	3	NR	NR
PCB Concentration(ug/m3)	NR	0.0135	0.0033	0.0033	NR	0.0024	0.0552	0.0073	NR	NR
Percent of Allowable(%)	NR	1	0	0	NR	0	6	1	NR	NR
07/10/2008										
Total Volume(m3)	NR	322	NR	350	NR	416	368	406	NR	NR
Total PCB Mass(ug)	NR	5.7	NR	2.2	NR	0.8	1.7	7.6	NR	NR
PCB Concentration(ug/m3)	NR	0.0177	NR	0.0063	NR	0.0019	0.0046	0.0187	NR	NR
Percent of Allowable(%)	NR	2	NR	1	NR	0	0	2	NR	NR

Notes:
* - Results not reported due to machine malfunction
NR - No result because machine was not setup

SUMMARY OF TSP AIR MONITORING ANALYTICAL RESULTS - OCTOBER TO DECEMBER 2008
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Unit_ID	*STATION 22C* *TSP-9*	*STATION 29B* *TSP-6*	*STATION 40* *TSP-5*	*STATION 41* *TSP-11*	*STATION 42* *TSP-8*
01/10/2008					
Total Volume(m3)	995	1249	1509	761	629
Average Flow(m3/min)	0.68	0.87	1.01	*	0.43
TSP Concentration(mg/m3)	0.393	0.0985	0.0404	*	0.0843
Percent of Allowable(%)	UPWIND	15	6	*	13
02/10/2008					
Total Volume(m3)	799	1169	1261	56	546
Average Flow(m3/min)	0.59	0.86	1.01	*	0.4
TSP Concentration(mg/m3)	0.2165	0.0659	0.0404	*	0.0696
Percent of Allowable(%)	60	18	11	*	19
03/10/2008					
Total Volume(m3)	650	1173	1304	648	542
Average Flow(m3/min)	0.48	0.87	0.96	0.58	0.4
TSP Concentration(mg/m3)	0.3585	0.0682	0.0383	0.1867	0.1015
Percent of Allowable(%)	560(1)	107(1)	UPWIND	292(1)	159(1)
04/10/2008					
Total Volume(m3)	987	1369	1483	1281	691
Average Flow(m3/min)	0.61	0.86	0.92	0.8	0.43
TSP Concentration(mg/m3)	0.306	0.0562	0.0371	0.1023	0.0622
Percent of Allowable(%)	326(1)	UPWIND	40	109(1)	66
06/10/2008					
Total Volume(m3)	762	1212	1299	1089	606
Average Flow(m3/min)	0.54	0.86	0.89	0.75	0.43
TSP Concentration(mg/m3)	0.3911	0.052	0.0354	0.169	0.071
Percent of Allowable(%)	330(1)	44	30	143(1)	UPWIND
07/10/2008					
Total Volume(m3)	631	1192	1337	1148	519
Average Flow(m3/min)	0.45	0.85	0.9	0.78	0.37
TSP Concentration(mg/m3)	0.1506	0.0378	0.0292	0.0409	0.0617
Percent of Allowable(%)	309(1)	78	UPWIND	84	127(1)

Notes:

* - Results not reported due to machine malfunction

(1) - Exceedence due to increased work activities

NR - No result because machine was not setup

SUMMARY OF TSP AIR MONITORING ANALYTICAL RESULTS - OCTOBER TO DECEMBER 2008
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

	STATION 1C	*STATION 31A*	*STATION 43*	*STATION 44*
Unit_ID	***TSP-12***	***TSP-1***	***TSP-18***	***TSP-19***
01/10/2008				
Total Volume(m3)	654	1221	1252	1325
Average Flow(m3/min)	0.44	0.8	0.84	0.89
TSP Concentration(mg/m3)	0.0061	0.0311	0.028	0.0226
Percent of Allowable(%)	12	UPWIND	54	44
02/10/2008				
Total Volume(m3)	608	1195	1179	1227
Average Flow(m3/min)	0.45	0.86	0.86	0.89
TSP Concentration(mg/m3)	0.0049	0.0176	0.0416	0.031
Percent of Allowable(%)	9	34	80	UPWIND
03/10/2008				
Total Volume(m3)	939	1227	1221	0
Average Flow(m3/min)	0.67	0.83	0.84	*
TSP Concentration(mg/m3)	0.2087	0.0473	0.0827	*
Percent of Allowable(%)	560[(1)]	107[(1)]	160[(1)]	292[(1)]
05/10/2008				
Total Volume(m3)	NR	NR	312	NR
Average Flow(m3/min)	NR	NR	*	NR
TSP Concentration(mg/m3)	NR	NR	*	NR
Percent of Allowable(%)	326[(1)]	NR	*	109[(1)]

Notes:

* - Results not reported due to machine malfunction

(1) - Exceedence due to increased work activities

NR - No result because machine was not setup

TABLE 7.1

PARCEL 204 SUMMARY OF POST-EXCAVATION VERIFICATION SAMPLE ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Area		P003	P201	P204	P204	P204	P204	P204	P204	P204	P204	P204	P204
Sample Location		003-30626	201-30900	204-30612	204-30613	204-30614	204-30615	204-30616	204-30617	204-30618	204-30619	204-30620	204-30620
Sample ID		S-003-060908-MB-30626	S-201-102908-MB-30900	S-204-060908-MB-30612	S-204-060908-MB-30613	S-204-060908-MB-30614	S-204-060908-MB-30615	S-204-060908-MB-30616	S-204-060908-MB-30617	S-204-060908-MB-30618	S-204-060908-MB-30619	S-204-060908-MB-30620	S-204-060908-MB-30621
Sample Date		6/9/2008	10/29/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008	6/9/2008
Sample Depth		(0-0.33) FT	(0-0.33) ft	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT	(0-0.33) FT
Sample Type													Duplicate
	Units												
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Aroclor-1221 (PCB-1221)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Aroclor-1232 (PCB-1232)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Aroclor-1242 (PCB-1242)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Aroclor-1248 (PCB-1248)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Aroclor-1254 (PCB-1254)	mg/kg	0.071	1.4	3.5	0.45	3	0.11	3	4.7	25	0.042 U	0.068	0.064
Aroclor-1260 (PCB-1260)	mg/kg	0.039 U	0.2 U	0.43 U	0.043 U	0.38 U	0.041 U	0.39 U	0.47 U	3.9 U	0.042 U	0.035 U	0.036 U
Total PCBs	mg/kg	0.071	1.4	3.5	0.45	3	0.11	3	4.7	25	0	0.068	0.064

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

TABLE 7.1

PARCEL 204 SUMMARY OF POST-EXCAVATION VERIFICATION SAMPLE ANALYTICAL RESULTS
GM POWERTRAIN BEDFORD FACILITY
BEDFORD, INDIANA

Area		*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*	*P204*
Sample Location		*204-30622*	*204-30623*	*204-30624*	*204-30625*	*204-30889*	*204-30890*	*204-30890*	*204-30892*	*204-30893*	*204-30894*	*204-30895*	*204-30896*
Sample ID		*S-204-060908-MB-30622*	*S-204-060908-MB-30623*	*S-204-060908-MB-30624*	*S-204-060908-MB-30625*	*S-204-102708-MB-30889*	*S-204-102708-MB-30890*	*S-204-102708-MB-30891*	*S-204-102708-MB-30892*	*S-204-102708-MB-30893*	*S-204-102708-MB-30894*	*S-204-102708-MB-30895*	*S-204-102708-MB-30896*
Sample Date		*6/9/2008*	*6/9/2008*	*6/9/2008*	*6/9/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*	*10/27/2008*
Sample Depth		*(0-0.33) FT*	*(0-0.33) FT*	*(0-0.33) FT*	*(0-0.33) FT*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*	*(0-0.33) ft*
Sample Type								*Duplicate*					
	Units												
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Aroclor-1221 (PCB-1221)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Aroclor-1232 (PCB-1232)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Aroclor-1242 (PCB-1242)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Aroclor-1248 (PCB-1248)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Aroclor-1254 (PCB-1254)	mg/kg	0.16	0.094	0.081	0.046 U	0.041 U	1.1	1.1	2.9	0.078	0.58	0.023 J	0.97
Aroclor-1260 (PCB-1260)	mg/kg	0.041 U	0.039 U	0.036 U	0.046 U	0.041 U	0.2 U	0.2 U	0.4 U	0.038 U	0.038 U	0.038 U	0.2 U
Total PCBs	mg/kg	0.16	0.094	0.081	0	0	1.1	1.1	2.9	0.078	0.58	0.023 J	0.97

Notes:

U - Not present at or above the associated v

J - Estimated concentration.

ATTACHMENT A

PARCEL 204 UCL SUMMARY

Inputs and Outputs for Bootstrap 95% UCL Calculations
Confirmation Composite Sample Results, Bedford, Indiana

Calculation Inputs							
Grid	**Parcel**	**Sample Type**	**Sample ID**	**Type Code**	**Conc**	**Qual**	**Units**
B	P204	Sidewall	201-30900	N	1.40E+00		MG/KG
B	P204	Floor	204-30613	N	4.50E-01		MG/KG
B	P204	Sidewall	204-30615	N	1.10E-01		MG/KG
B	P204	Sidewall	204-30616	N	3.00E+00		MG/KG
B	P204	Floor	204-30889	N	1.30E-02	U	MG/KG
B	P204	Sidewall	204-30890	AVG	1.10E+00		MG/KG
B	P204	Floor	204-30893	N	7.80E-02		MG/KG
B	P204	Sidewall	204-30894	N	5.80E-01		MG/KG
B	P204	Sidewall	204-30895	N	2.30E-02		MG/KG
B	P204	Sidewall	204-30896	N	9.70E-01		MG/KG

Calculation Outputs		
Percentile Bootstrap 95% UCL	1.27E+00	mg/kg
BCa Bootstrap 95% UCL	1.41E+00	mg/kg

Notes:

Concentrations of non-detect (U-qualified) data used in the 95% UCL calculations are one-half the Quantitation Limit.

Type Code: N = normal environmental sample, AVG = averaged duplicate

The concentration for 204-30890 is the average of duplicate paired samples.