January 13, 2009
File No. 21.0056340.00

Mr. Richard Eisenman
Delphi
PO Box 92700
Rochester, New York 14692

Re: Revised Focused Environmental Assessments
Building 6 UST Area & Building 9
Delphi Thermal Facility
Lockport, New York

535 Washington Street
11th Floor
Buffalo, New York
14203
716-685-2300
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www.gza.com

Dear Mr. Eisenman:

GZA GeoEnvironmental of New York (GZA) revised our October 1, 2008 letter report that summarized the following work done at the Delphi Lockport, New York facility (Site, see Figure 1 in Attachment 1).

- Focused Environmental Assessment (FEA) at the Building 6 underground storage tank (UST) area (see Figure 2); and
- FEA of Building 9 (see Figure 3).

This revised letter report addresses the November 17, 2008 comments provided by the New York State Department of Environmental Conservation (NYSDEC).

BACKGROUND

In 2006, Delphi completed a site-wide Current Conditions Summary and Field Investigation Report (Study) to identify areas of soil and/or groundwater contamination at the Lockport facility. The findings of the Study regarding Building 6 and 9 included the following.

Building 6 UST Area - Petroleum contamination, primarily volatile organic compounds (VOCs), was detected in groundwater samples collected from two UST wells (MW-6-F-1 and MW-6-F-5, see Figure 2). Compound concentrations were detected at levels that exceeded their respective Class GA criteria as contained in the NYSDEC, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), June 1998, amended April 2000, document.

Building 9 - Polyaromatic hydrocarbons (PAHs) were detected in two areas within Building 9. Compounds were detected at concentrations that exceed those listed in the NYSDEC Part 375-6.8(b) Industrial Soil Cleanup Objectives table. Additionally, the summary of the Study indicated that light non-aqueous phase liquid (LNAPL) may be an issue in Building 9.

PURPOSE

The purpose of the FEAs for the Building 6 UST Area and Building 9 work was to:

Building 6 UST Area

- Assess the extent of petroleum VOC contamination identified in the vicinity of the USTs present on the west side of Building 6, as shown on Figure 2.
- Determine if LNAPL is present in the groundwater beyond the tank excavation area.
- Evaluate if remediation is warranted.

Building 9

- Assess the extent of PAHs identified in the two areas within Building 9, as shown on Figure 3.
- Determine if LNAPL is present in the groundwater.
- Evaluate if remediation is warranted.

FIELD ACTIVITIES

The following sections describe the field activities that were done as part of this work to assess the concerns identified for the Building 6 UST Area and Building 9.

MONITORING WELL INSTALLATIONS

BUILDING 6 UST AREA

Three groundwater monitoring wells (designated as MW-6-F-7, MW-6-F-8 and MW-6-F-9) were installed as part of the petroleum VOC delineation in the vicinity of the Building 6 UST Area (see Figure 2). The monitoring wells were installed into the upper bedrock to intercept the upper groundwater bearing zone in the vicinity of the overburden soil and bedrock interface.

The three test borings for the monitoring well installations were advanced in the overburden soils using a truck mounted rotary drill rig using 4¼ - inch inside diameter hollow stem augers (HSA). Overburden soil samples were obtained by driving a 1 3/8-inch inside diameter by 24-inch long split spoon sampler 24-inches ahead of the lead cutting shoe of the HSA, in general accordance with ASTM D1586.

Soil samples were collected from the test borings for classification in the field by visual examination and VOC sample analysis. Each boring log identifies the approximate stratification lines, blow counts, sample identification, sample depth interval and recovery. Test boring/monitoring well logs are included in Attachment 2 of this report. Table 1 in Attachment 3 contains a list of the soil samples selected for chemical analysis.

Drilling fluids were not used during the advancement of the HSAs in the overburden. Upon advancing the HSAs to the top of apparent bedrock, indicated by auger refusal, a HQ size rock core barrel (2.75-inch diameter) was used inside the HSA to core into bedrock.

The HQ core barrel was used to core 5 feet into bedrock which was encountered around 9 feet to 11 feet bgs. After the designated depth was reached (5 feet into bedrock), the boring was converted to a 2-inch diameter groundwater monitoring well. The well was constructed of 2-inch inner diameter flush coupled PVC riser and screen. The screen was 7-foot in length and consisted of a #10 machine slotted PVC pipe (see MW-6-F-7, MW-6-F-8 and MW-6-F-9 monitoring well logs in Attachment 2 for well construction details). The soil spoils generated from each test boring were placed in 55-gallon drums for disposal by Delphi.

The three monitoring wells were purged of at least 10 well volumes using disposable polyethylene bailers to develop the filter pack and remove the fines. The water generated during development and sample purging was also drummed for disposal by Delphi.

BUILDING 9

Two monitoring wells (designated as MW-9-4 and MW-9-12) were installed as part of our PAH delineation work in Building 9 to determine if groundwater has been impacted in the vicinity of the two areas identified by the Study and to determine if LNAPL is present.

The two test borings for the monitoring well installation were advanced in the overburden soils using a truck mounted rotary drill rig using 4¼ - inch inside diameter hollow stem augers (HSA). Overburden soil samples were obtained by driving a 1 3/8-inch inside diameter by 24-inch long split spoon sampler 24-inches ahead of the lead cutting shoe of the HSA, in general accordance with ASTM D1586.

Soil samples were collected from the test borings for classification in the field by visual examination and SVOC sample analysis. Each boring log identifies the approximate stratification lines, blow counts, sample identification, sample depth interval and recovery. Test boring/monitoring well logs are included in Attachment 2 of this report. Table 1 in Attachment 3 contains a list of the soil samples selected for chemical analysis.

Drilling fluids were not used during the advancement of the HSAs in the overburden. Upon advancing the HSAs to the top of apparent bedrock, indicated by auger refusal, a HQ core barrel was used inside the HSA to core approximately 5 feet into bedrock.

Bedrock was encountered at approximately 4 feet bgs at MW-9-4 and 11 feet bgs at MW-9-12. After the designated depth was reached (5 feet into bedrock), the boring was converted to a 2-inch diameter groundwater monitoring well. The well was constructed of 2-inch inner diameter flush coupled PVC riser and screen. The screen was 5-foot in length at MW-9-4 and 7-foot in length at MW-9-12 and consisted of a #10 machine slotted PVC pipe (see MW-9-4 and MW-9-12 monitoring well logs in Attachment 2 for well

construction details). The soil spoils generated from each test boring were placed in 55-gallon drums for disposal by Delphi.

The monitoring wells were purged of at least 10 well volumes using disposable polyethylene bailers to develop the filter pack and remove the fines. The water generated during development and sample purging was also drummed for disposal by Delphi.

It should be noted that LNAPL was encountered at MW-9-4 at a measured thickness that ranged from 18 to 22 inches during the investigation. NYSDEC was contacted by Delphi and Spill # 0890721 was opened.

SOIL PROBES

Seven soil probe locations (SP-9-1, SP-9-2, SP-9-3, SP-9-5, SP-9-9, SP-9-10 and SP-9-11) were completed on July 30, 2008 in the vicinity of two areas of concern in Building 9; 9-102-C and 9-108-C (see Figure 3) identified by the Study.

The soil probes were advanced into overburden soils utilizing direct push technology via a hydraulic hammer mounted on a track mounted rig equipped with 2-inch outer diameter by 48-inch long macrocore sampler. Soil probes were advanced to refusal which ranged from approximately 3.5 feet bgs (SP-9-5; east side of building) to 11 feet bgs (SP-9-9; west side of building), due to apparent bedrock.

Soil samples were collected from the soil probes for classification in the field by visual examination. SVOC sample analysis and headspace screening was also done with an organic vapor meter (OVM) for the presence of volatile organic vapors (discussed in the next section). Soil samples were collected at two-foot intervals to the bottom of the probes. Table 1 in Attachment 3 contains a list of the soil samples selected for chemical analysis.

HEADSPACE SCREENING PROCEDURE

The headspace present above the soil samples collected in sample baggies from each test boring and soil probe were screened for total organic vapors using an OVM. The OVM, a HNu PI-101, was calibrated in accordance with manufacturer's recommendations using a gas standard of isobutlyene at a concentration of 100 ppm. GZA screened a clean, unused plastic bag prior to the start of the headspace screening to establish background concentrations, which were non-detect.

The tip of the OVM probe was placed into the baggie to remove headspace air. OVM readings from the headspace screening of the soil samples ranged from non-detect (multiple monitoring well and soil probe locations) to 100 ppm (MW-6-F-7, 4 to 6 feet bgs). Headspace results were recorded on the monitoring well and soil probe logs included in Attachment 2.

ANALYTICAL TESTING

Soil and groundwater samples collected were submitted to Free-Col Laboratories for chemical analysis that included VOCs via analytical test method EPA 8260 (Building 6 UST Area samples) and SVOC via analytical test method EPA 8270 STARS[1] (Building 9 samples). A sample of the LNAPL encountered at MW-9-4 was also collected and submitted for analysis which included: VOCs via EPA 8260, PCBs via EPA 8082, SVOC Fingerprint, viscosity and specific gravity.

See Table 1 in Attachment 3 for a list of the analytical samples collected and the analysis performed.

SUBSURFACE CONDITIONS

Building 6 UST Area

Subsurface soil conditions encountered at the three monitoring well locations in the vicinity of the Building 6 USTs generally consisted of 3.5 to 4 feet of fill material (clayey silts with lesser and varying amounts of sand and gravel; potentially reworked native soils) overlying native soils which also consisted of various amounts of clayey silt with lesser and varying amounts of sand and gravel. Bedrock (Lockport Dolostone) is underlying the overburden soil at a depth of approximately 9.5 to 11 feet bgs.

Overburden groundwater was encountered at approximately 4 to 5 feet bgs. Groundwater measurements were also collected from other various monitoring locations at the Delphi facility. Figure 4 depicts the interpreted groundwater flow direction at the Delphi facility on August 13, 2008. In general, groundwater flow direction is in an easterly direction, which is consistent with the groundwater flow direction observed as part of other work completed at the facility.

It should be noted that groundwater data collected at two locations, MW-7-1 and MW-6-F-6, were not used in interpreting the groundwater flow direction shown on Figure 4. Groundwater measurements at MW-7-1 indicated that the depth to groundwater was approximately 20 feet bgs, which is not consistent with other measurements in the area. The groundwater measurement from MW-6-F-6 was approximately 2.5 feet bgs, which is around 2 feet higher than the levels measured in the three wells installed around the UST area. MW-6-F-6 is located in the current UST excavation area and is likely subject to groundwater mounding due to the porous backfill material around the USTs, and the surrounding "tight" nature of the silt and clay soils present.

[1] Spill Technology and Remediation Series (STARS) Memo #1, Petroleum-Contaminated Soil Guidance Policy, New York State Department of Environmental Conservation, August 1992.

Building 9

Subsurface soil conditions encountered at the soil probe and monitoring well locations at Building 9 generally consisted of 3.5 to 5 feet of fill material (clayey silts with lesser and varying amounts of sand and gravel - potentially reworked native soils) overlying native soils which also consisted of various amounts of clayey silt with lesser and varying amounts of sand and gravel. Bedrock (Lockport Dolostone) is underlying the overburden soil at a depth of approximately 3.5 to 12 feet bgs.

Overburden groundwater was encountered at approximately 5 to 6 feet bgs (MW-9-4) on the eastern side of Building 9 and 9 to 10 feet bgs (MW-9-12) on the western side of the building.

Groundwater measurements collected on August 13, 2008 as depicted on Figure 4 generally show an easterly groundwater flow direction. However, a "trough" or depression in the groundwater table in the southern portion of Building 9 is apparent from the measurements collected at MW-9-4, MW-9-12, MW-9-101-A and MW-8-003-B. To further assess the potential trough, additional groundwater measurements were collected on November 26, 2008 from monitoring wells located west of MW-8. The measurements are depicted on the groundwater contour map shown on Figure 5. The trough is also present in the November 26, 2008 contour (Figure 5), along with some slight mounding east of Building 10.

Figure 6 depicts a contour map of the top of bedrock elevations from monitoring wells located west of monitoring well, MW-10. A depression or low spot in the top of bedrock elevations south of Building 9 is apparent. Additionally, the bedrock elevations (606 ft) in the vicinity of Building 8 and MW-8-003-B are similar to groundwater elevations (606 ft) for that area from the groundwater data depicted in both Figures 4 and 5. This indicates that groundwater in the trough area is present at the interface of the overburden soil and bedrock interface.

The affects of the trough on the migration of groundwater contaminants present in the vicinity of Buildings 7, 9 and 10 are unknown. It is assumed that contaminant migration is generally in the eastern direction, consistent with the easterly trending groundwater flow direction. In the vicinity of the trough area, there is an apparent north and south component to groundwater flow direction inwards towards the trough, which may affect the easterly migration of contaminants across the Site. Our assumption and trough assessment can be further evaluated when additional investigation activities associated with Building 7, 8, 9 and 10 are conducted.

HYDRAULIC CONDUCTIVITY TESTING

GZA perform hydraulic conductivity testing using the rising head method[2]. GZA calculated an effective hydraulic conductivity for each of the five newly installed wells. The following

[2] Bouwer, H. 1989. "The Bouwer and Rice Slug Test – An Update". Groundwater Journal, Vol. 27., No. 3. May-June 1989.

hydraulic conductivities were calculated for the wells (see calculation spreadsheets in Attachment 4).

- MW-6-F-7: 7.3×10^{-6} centimeters per second (cm/s)
- MW-6-F-8: 1.2×10^{-4} cm/s
- MW-6-F-9: 5.5×10^{-5} cm/s
- MW-9-4: 5.1×10^{-5} cm/s
- MW-9-12: 1.9×10^{-5} cm/s

The monitoring point (top of riser) on each of the five newly installed wells was measured relative to the existing monitoring well elevations established during the previous investigations or from existing site features (i.e., building floor slab elevations). The monitoring point elevation for the five new wells is shown on Table 2, which also contains the groundwater measurements and elevation from the monitoring wells used to develop the groundwater flow contour for the Delphi facility.

ANALYTICAL TEST RESULTS

Findings of the laboratory testing of the soil, groundwater and product samples are discussed below. The analytical laboratory reports are provided in Attachment 5.

Soil Sample Results

The soil sample results were compared to the Restricted Soil Cleanup Objectives (SCOs) listed in NYSDEC Part 375-6.8(b).

Building 6 UST Area

VOCs were detected at concentrations above method detection limits (MDLs) in one of the three soil samples sent for laboratory analysis from the monitoring wells installed at the Building 6 UST Area. Toluene (1.8 ppm), ethylbenzene (0.4 ppm), isopropylbenzene (0.3 ppm), m,p-xylene (1.1 ppm) and o-xylene (0.4 ppm) were the five compounds detected above MDLs in sample MW-6-F-7, 4 to 6 feet bgs. Of the five compounds detected, none were detected at concentrations above their respective Residential SCOs and one compound, toluene, exceeded its respective protection of groundwater SCO of 0.7 ppm.

No VOCs were detected above MDLs in the soil samples submitted for chemical analysis from the other two monitoring well borings.

Building 9

SVOCs were detected at concentrations above MDLs in one of the nine soil samples sent for laboratory analysis from the test borings for monitoring well installations and soil probes done in association with the work at Building 9. Acenaphthene (0.27 ppm), fluoranthene (0.3 ppm), fluorene (0.75 ppm), phenanthrene (1.3 ppm) and pyrene (0.31

ppm) were the five compounds detected above MDLs in sample SP-9-5, 1 to 3.5 feet bgs. Of the five compounds detected, none were detected at concentrations above their respective Residential SCOs.

No SVOCs were detected above MDLs in the soil samples submitted for chemical analysis from the other eight locations.

Groundwater Sample Results

The analytical test results for the groundwater samples were compared to NYSDEC Class GA criteria obtained from NYSDEC Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), dated October 1993, revised June 1998, January 1999 errata sheet and April 2000 addendum.

Building 6 UST Area

No VOCs were detected at concentrations above MDLs in the three groundwater samples sent for laboratory analysis from the three new monitoring wells installed around the Building 6 UST Area.

Building 9

SVOCs were detected at concentrations above MDLs in one of the two groundwater samples sent for laboratory analysis from the two monitoring wells installed in association with the work at Building 9. Fluoranthene (7.99 ppm) and phenanthrene (7.97 ppm) were the two compounds detected above MDLs in the groundwater sample from MW-9-4. Both compounds were detected at concentrations above their respective Class GA groundwater criteria of 50 parts per billion (0.050 ppm).

No SVOCs were detected in the groundwater sample submitted for analysis from MW-9-12.

Additionally, LNAPL (free product) was detected in the monitoring well at MW-9-4. PCB, VOC, SVOC fingerprint, specific gravity and viscosity analysis were also performed on the product sample collected. No PCBs or VOCs were detected above method detection limits. The SVOC fingerprint scan analysis was consistent with the SVOC fingerprint scan Delphi had done on free product encountered during an excavation for the installation of a foundation for a piece of equipment that was installed within 10 feet of MW-9-4 in 2003. The free product encountered in 2003 was reported to the NYSDEC and documented as Spill #0375398, which is listed as closed on July 14, 2004. NYSDEC was informed of the LNAPL encountered and Spill #0890721 was assigned.

The specific gravity and viscosity data was collected for use in assessing the cleanup of the LNAPL encountered. The results are included in Attachment 5.

CONCLUSIONS AND RECOMMENDATIONS

Building 6 UST Area

VOCs were detected at concentrations above method detection limits (MDLs) in the soil sample sent for analysis from monitoring well MW-6-F-7, 4 to 6 feet bgs. One compound, toluene, exceeded its respective protection of groundwater SCO of 0.7 ppm. No VOCs were detected above MDLs in the other two samples submitted for chemical analysis.

No VOCs were detected at concentrations above MDLs in the three groundwater samples sent for laboratory analysis from the three new monitoring wells installed around the Building 6 UST Area.

It is GZA's opinion that petroleum groundwater contamination is present in the immediate vicinity of the USTs located west of Building 6, based on the groundwater analytical results from MW-6-F-1 and MW-6-F-5 collected as part of the Study. The petroleum groundwater contamination does not appear to be migrating, as the three monitoring wells installed around the UST did not indicate the presence of VOC contamination. GZA collected groundwater and monitoring point measurements in May 2007 from the six wells installed around the USTs. The elevation of the water table was found to be about 610.92 (4 wells) or 610.93 (2 wells), indicating no groundwater gradient in the vicinity of the USTs.

The Building 6 Tank Area consists of 6 underground storage tanks used to store automotive fuels. The total capacity of the USTs is approximately 29,500-gallons. It is our understanding that Delphi is planning on removing the USTs in this area and replacing them with above ground storage tanks (ASTs) in the general vicinity. GZA recommends that a UST Removal Work Plan be submitted to NYSDEC to include protocols to be followed during the removal process. Impacted soil and/or groundwater encountered during the USTs removal should be removed from the excavation, characterized and properly disposed of.

Building 9

SVOCs were detected at concentrations above MDLs in one (SP-9-5, 1 to 3.5 feet bgs) of the nine soil samples sent for laboratory analysis from the monitoring wells and soil probes done in association with the work at Building 9. Of the five compounds detected, none were detected at concentrations above their respective Residential SCOs. No SVOCs were detected above MDLs in the other eight samples submitted for chemical analysis.

SVOCs were detected at concentrations above MDLs in one (MW-9-4) of the two groundwater samples sent for laboratory analysis from the two monitoring wells installed in association with the work at Building 9. Two compounds, fluoranthene (7.99 ppm) and phenanthrene (7.97 ppm) were detected at concentrations above their respective Class GA groundwater criteria of 50 parts per billion (ppb). No SVOCs were detected in the groundwater sample submitted for analysis from MW-9-12.

LNAPL was detected in monitoring well, MW-9-4. The measured thicknesses ranged from 18 to 22 inches during the investigation. The SVOC fingerprint scan analysis that was completed was consistent with the SVOC fingerprint scan Delphi had done on free product encountered in an excavation in the vicinity of MW-9-4 in 2003. The LNAPL is likely hydraulic fluid previously used within Building 9. Additionally, no PCBs or VOCs were detected above MDLs in the LNAPL.

It is GZA's opinion that the LNAPL encountered in MW-9-4 will require further delineation. We recommend that three additional monitoring wells be installed approximately 50 to 100 feet, northeast, east and southeast of MW-9-4. An assessment of LNAPL recovery, using field testing and available modeling software (e.g., American Petroleum Institute (API) Interactive LNAPL Guide) should also be completed.

We appreciate the opportunity to continue to work with you on this project. Should you have any questions or require additional information following your review, please do not hesitate to contact the undersigned.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Christopher Boron
Project Manager

Ernest R. Hanna, P.E.
Principal

Bart A. Klettke, P.E.
Consultant Reviewer

Attachments: 1 – Figures
2 – Soil Probe and Monitoring Well Logs
3 – Tables
4 – Hydraulic Conductivity Data
5 – Analytical Laboratory Report

ATTACHMENT 1

FIGURES

NOTE:
BASE MAP ADAPTED FROM U.S.G.S. TOPOGRAPHIC MAPS DOWNLOADED FROM TERRASERVER.MICROSOFT.COM

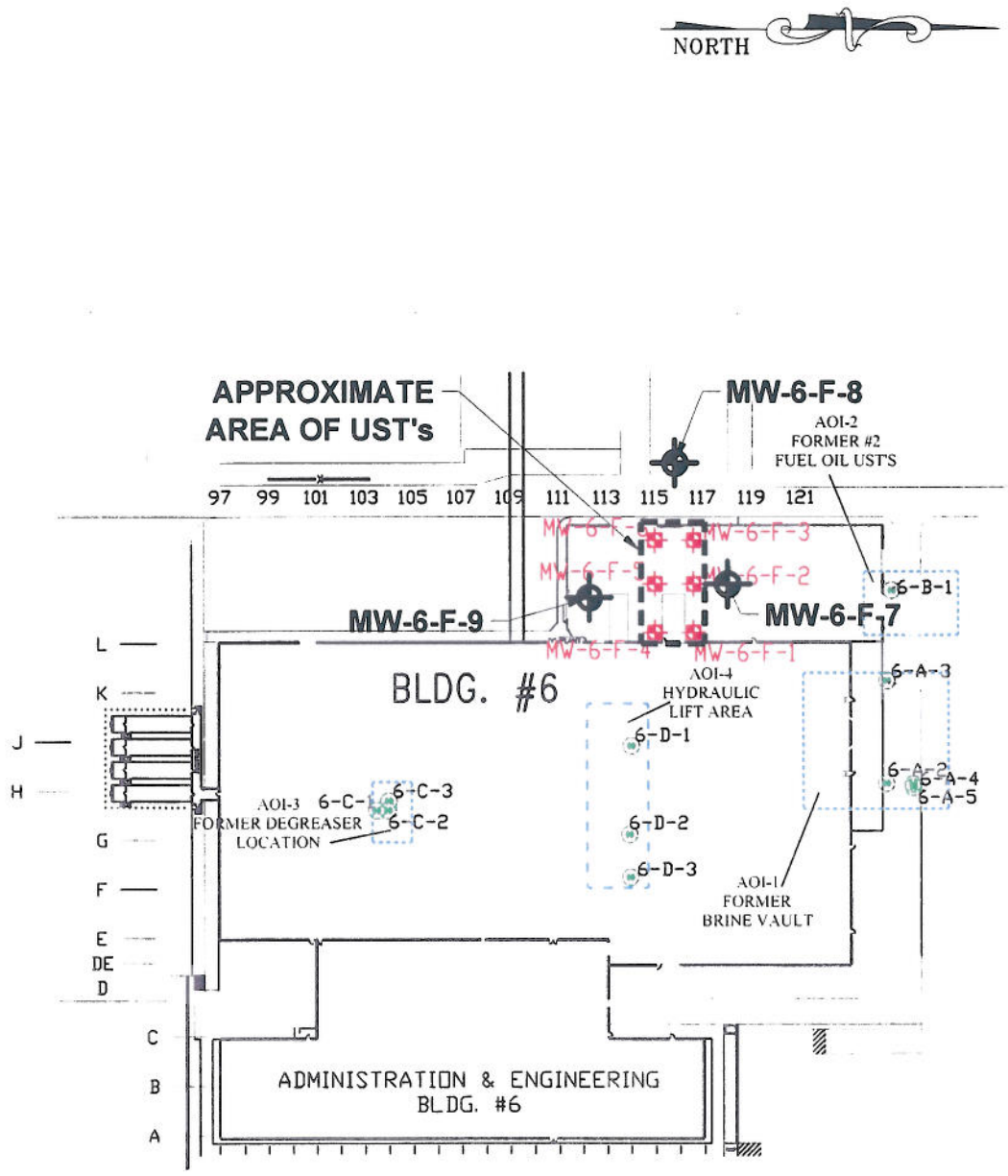
DELPHI AUTOMOTIVE SYSTEMS
DELPHI LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 6 UST AREA AND BUILDING 9
FOCUSED ENVIRONMENTAL ASSESSMENTS
LOCUS PLAN

SCALE IN FEET
0 2000 4000

DRAWN BY: DEW
DATE: SEPTEMBER 2008

PROJECT No. 21.0056340.00
FIGURE No. 1

GZA GeoEnvironmental of New York



LEGEND:

MW-6-F-9 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS INSTALLED JULY 2008

MW-6-F-3 — APPROXIMATE LOCATION AND DESIGNATION OF EXISTING MONITORING WELLS AROUND UST'S

6-D-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL BORINGS DONE PREVIOUSLY BY OTHERS

NOTES:

1. BASE MAP ADAPTED FROM A SITE PLAN OF BUILDING 6 PROVIDED BY THE CLIENT.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: SEPTEMBER 2008

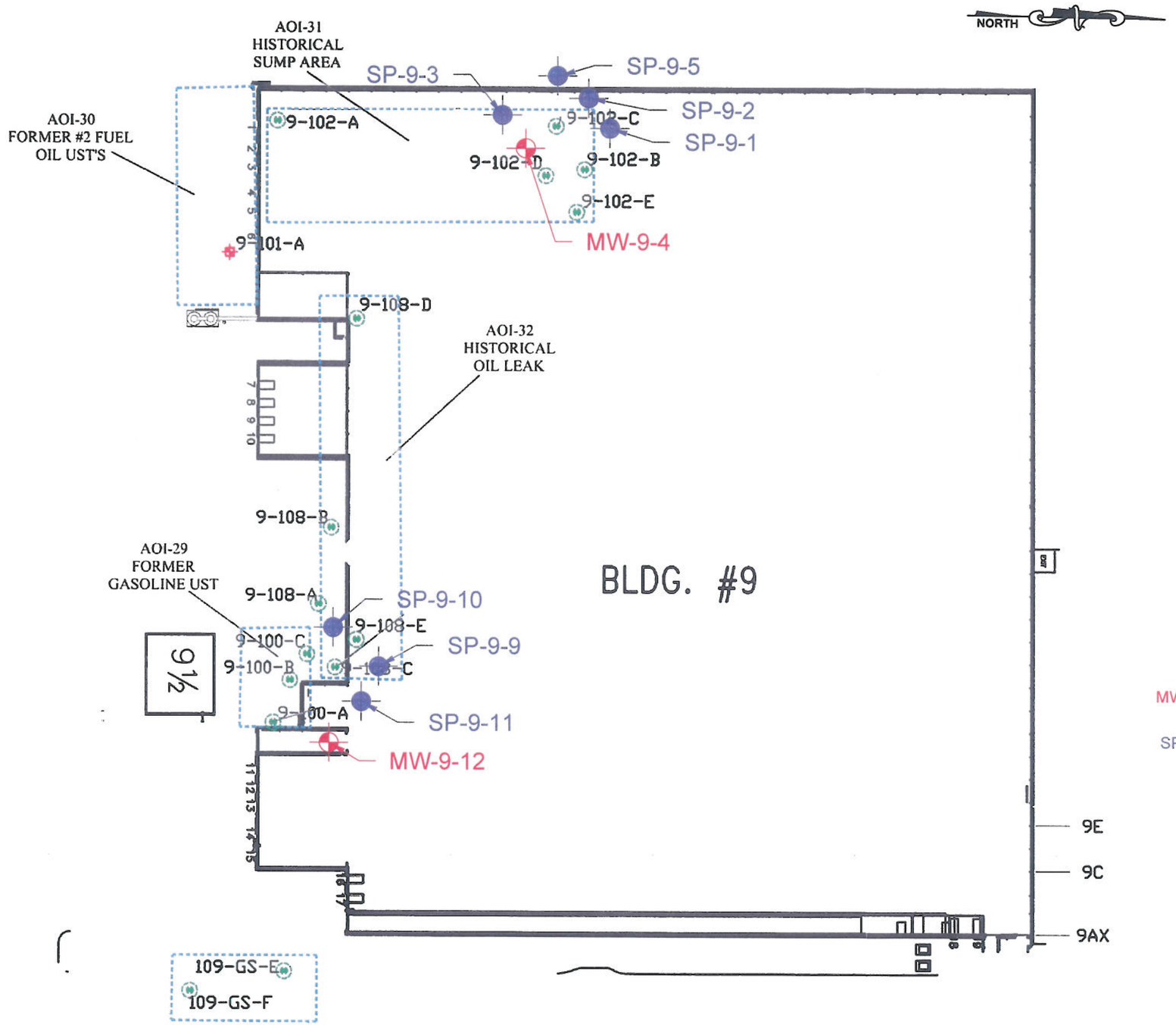
GZA GeoEnvironmental of New York

SCALE IN FEET 0 75 150 300

DELPHI AUTOMOTIVE SYSTEMS
DELPHI LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 6 UST AREA AND BUILDING 9 FOCUSED ENVIRONMENTAL ASSESSMENTS
BUILDING 6 UST AREA MONITORING WELL LOCATIONS

PROJECT No. **21.0056340.00**

FIGURE No. **2**



LEGEND:

- MW-9-4 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS INSTALLED IN JULY 2008
- SP-9-3 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES
- 9-101-A — APPROXIMATE LOCATION AND DESIGNATION OF EXISTING MONITORING WELL DONE BY OTHERS
- 9-102-D — APPROXIMATE LOCATION AND DESIGNATION OF SOIL BORINGS DONE PREVIOUSLY BY OTHERS

NOTES:

1. BASE MAP ADAPTED FROM A SITE PLAN PROVIDED BY THE CLIENT.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: SEPTEMBER 2008

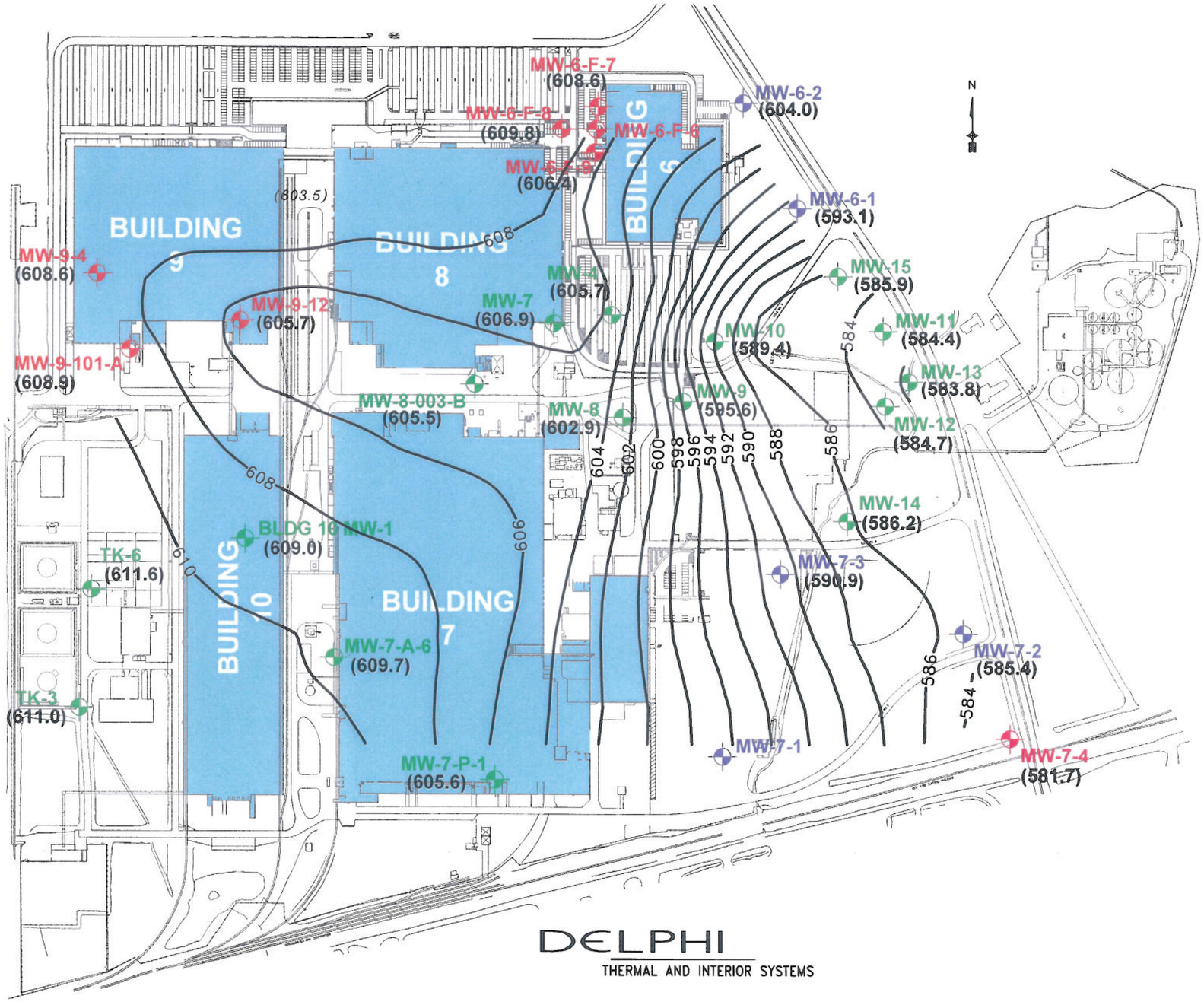
GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET
0 50 100 200

DELPHI THERMAL AND INTERIOR SYSTEMS
DELPHI LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD LOCKPORT, NEW YORK
BUILDING 6 UST AREA AND BUILDING 9
FOCUSED ENVIRONMENTAL ASSESSMENTS
BUILDING 9 SOIL PROBE AND MONITORING
WELL LOCATION PLAN

PROJECT No.
21.0056340.00

FIGURE No.
3



LEGEND:

MW-11 (584.4) — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH GROUNDWATER ELEVATIONS MEASURED AUGUST 13, 2008, USED IN THE DEVELOPMENT OF GROUNDWATER CONTOURS

608 — APPROXIMATE LOCATION AND ELEVATION OF GROUNDWATER CONTOUR BASED ON GROUNDWATER ELEVATION MEASURED ON AUGUST 13, 2008

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

3. GROUNDWATER MEASUREMENTS FROM MW-6-F-6 AND MW-7-1 WERE NOT USED IN THE DEVELOPMENT OF THIS CONTOUR PLAN.

DRAWN BY: DEW

DATE: SEPTEMBER 2008

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 200 400 800

DELPHI AUTOMOTIVE SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD, LOCKPORT, NEW YORK

BUILDING 6 UST AREA AND BUILDING 9

FOCUSED ENVIRONMENTAL ASSESSMENTS

DELPHI FACILITY AUGUST 13, 2008

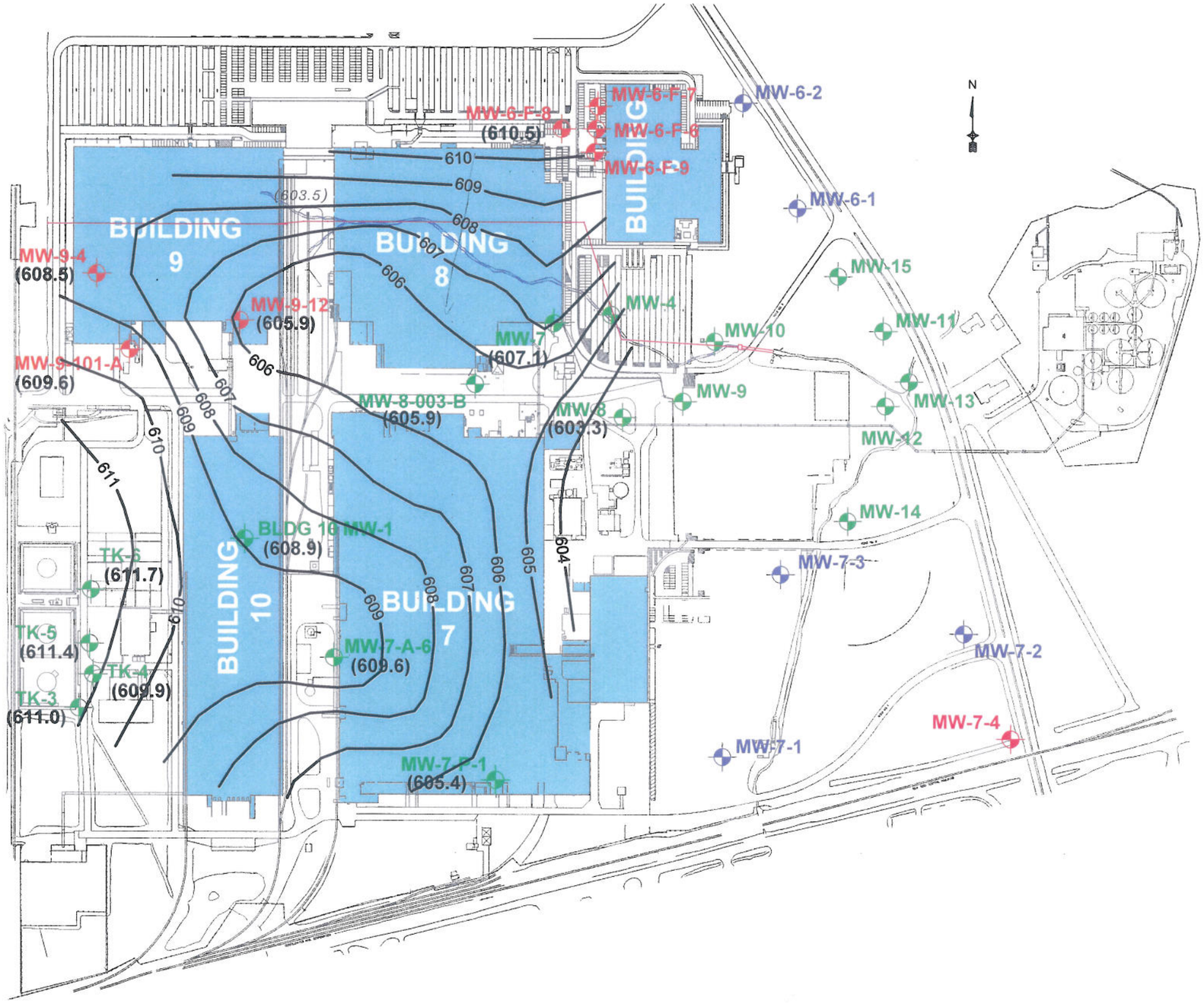
GROUNDWATER CONTOUR PLAN

PROJECT No.

21.0056340.00

FIGURE No.

4



LEGEND:

MW-8 (603.3) — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH GROUNDWATER ELEVATIONS MEASURED NOVEMBER 26, 2008, USED IN THE DEVELOPMENT OF GROUNDWATER CONTOURS

606 — APPROXIMATE LOCATION AND ELEVATION OF GROUNDWATER CONTOUR BASED ON GROUNDWATER ELEVATION MEASURED ON AUGUST 13, 2008

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: JANUARY 2009

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 200 400 800

DELPHI AUTOMOTIVE SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD, LOCKPORT, NEW YORK

BUILDING 6 UST AREA AND BUILDING 9

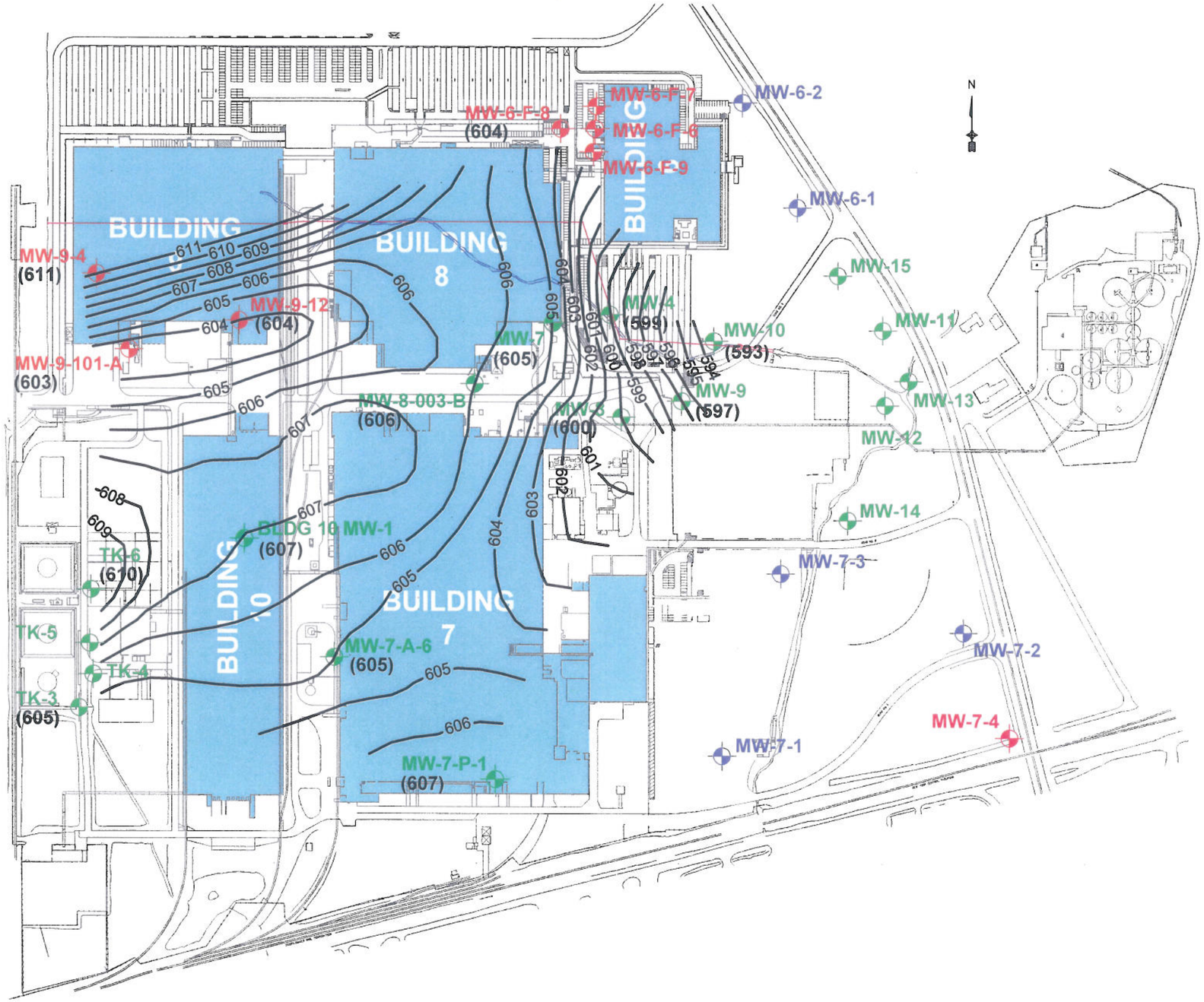
FOCUSED ENVIRONMENTAL ASSESSMENTS

DELPHI FACILITY NOVEMBER 26, 2008 GROUNDWATER CONTOUR PLAN

PROJECT No. **21.0056340.00**

FIGURE No. **5**

 G:\ZA-T:\PROJECTS\56300s\56340 focus environmental assessment\BLDG 6 & 9 FEA REPORT\FIGURES 5 AND 6.dwg [FIGURE 5] January 12, 2009 - 12:07pm daniel.wulf



LEGEND:

MW-7 (604) — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH TOP OF BEDROCK ELEVATION ROUNDED TO THE NEAREST FOOT

606 — APPROXIMATE LOCATION AND ELEVATION OF TOP OF BEDROCK CONTOURS

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: JANUARY 2009

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 200 400 800

DELPHI AUTOMOTIVE SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD, LOCKPORT, NEW YORK

BUILDING 6 UST AREA AND BUILDING 9 FOCUSED ENVIRONMENTAL ASSESSMENTS

DELPHI FACILITY TOP OF BEDROCK CONTOUR PLAN

PROJECT No. **21.0056340.00**

FIGURE No. **6**

 G:\ZA-T:\PROJECTS\56300s\56340 focus environmental assessment\BLDG 6 & 9 FEA REPORT\FIGURES 5 AND 6.dwg [FIGURE 6] January 12, 2009 – 12:07pm daniel.wulf

ATTACHMENT 2

TEST BORING/MONITORING WELL & SOIL PROBE LOGS

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Automotive
Building 6 UST Area
Lockport Complex
Lockport, NY

BORING No. MW-6-F-7
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	NA DATUM NGVD
START DATE	7/21/2008 END DATE 7/22/2008	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/2008		4.81	2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	4-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
		S-1	0 - 2	8	80	ASPHALT (8 inches)		Top of Riser Elev. = 613.42 feet	ND
1						FILL - Brown Clayey SILT, little		Concrete and Road box	
	8					Gravel, trace Sand, moist.		Cement/bentonite grout	
2	9							from 1 to 5 feet.	
	8	S-2	2 - 4	>100	30				3
3	100/.4							10" Nominal diameter	
						Grades:... to some Gravel.		borehole to 11.3'	
4						Reddish Brown Clayey SILT, little			
	7	S-3	4 - 6	21	100	Gravel, trace Sand, moist.			100
5	8					(NATIVE)			
	13								
6	16							Bentonite Pellets	
	10	S-4	6 - 8	31	100			from 5 to 8 ft.	60
7	13								
	18							2-inch PVC flush coupled	
8	17							riser pipe to 9 feet.	
	12	S-5	8.0 - 10.0	19	50				30
9	9					Grades to:... little Sand, trace			
	10					Gravel.			
10	13								
	7	S-6	10.0 - 11.0	9	30	Reddish Brown SILT and Sand,		2-inch PVC Screen	40
11	9					some Gravel, trace Clay, moist		SCH. 40, 10 slot,	
	100/0					to wet. Splitspoon refusal at 11 ft.		from 9 to 16.3 feet.	
12		C-1	11.3 - 16.3	92	96	Auger Refusal at 11.3 ft. bgs.			
						BEDROCK			
13						Lockport Dolomite Formation			
						Gray, hard, very slight to			
14						slight weathering, fine grained,		Sand pack from	
						horizontal and low angle fractures.		8 to 16.3 feet.	
15									
16								Nominal 3" diameter	
								rock hole 11.3 to 16.3 feet	
17						End of Boring at 16.3 feet bgs.			
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples. Meter was calibrated to the equivalent of 100 ppm isobutylene in air.
2) OVM reading from headspace screening of soil samples.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

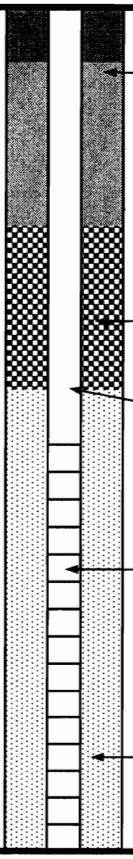
Delphi Automotive
Building 6 UST Area
Lockport Complex
Lockport, NY

BORING No. MW-6-F-8
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	NA DATUM NGVD
START DATE	7/21/2008 END DATE 7/22/2008	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/2008		3.38	2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	4-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	SAMPLE N-VALUE /RQD %	SAMPLE RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1		S-1	0 - 2	7	75	ASPHALT (1 foot)		Top of Riser Elev. = 613.22 feet Concrete and Road box Cement/bentonite grout from 1 to 4 feet. 10" Nominal diameter borehole to 10.4' Bentonite Pellets from 4 to 7 ft. 2-inch PVC flush coupled riser pipe to 8 feet. 2-inch PVC Screen SCH. 40, 10 slot, from 8 to 15.4 feet. Sand pack from 7 to 15.4 feet. Nominal 3" diameter rock hole 10.4 to 15.4 feet	ND
2	7 6					FILL - Brown Clayey SILT, little Gravel, trace Sand, moist.			
3	11 5	S-2	2 - 4	12	90	Grades to:... trace Gravel.			ND
4	7 10					Reddish Brown Clayey SILT, little			
5	11 10	S-3	4 - 6	24	10	Gravel, trace Sand, moist. (NATIVE)			ND
6	14 17								
7	11 6	S-4	6 - 8	22	100				ND
8	14 12								
9	16 8	S-5	8.0 - 10.0	19	100	Grades to:... some Sand, little			ND
10	11 22					Gravel, moist to wet.			
11	100/.1	S-6 C-1	10.0 - 10.1 10.4 - 15.4	92	5 96	Severly weathered Lockport Dolomite. Splitspoon Refusal at 10.1 ft. bgs. Auger Refusal at 10.4 ft. bgs.			ND
12						BEDROCK Lockport Dolomite Formation			
13						Gray, hard, very slight to			
14						slight weathering, fine grained, horizontal and low angle fractures.			
15									
16						End of boring at 15.4 feet bgs.			
17									
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples. Meter was calibrated to the equivalent of 100 ppm isobutylene in air.
2) OVM reading from headspace screening of soil samples.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Automotive
Building 6 UST Area
Lockport Complex
Lockport, NY

BORING No. MW-6-F-9
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	NA DATUM NGVD
START DATE	7/23/2008 END DATE 7/23/2008	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/2008		6.71	2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	4-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
		S-1	0 - 2	14	75	ASPHALT (6 inches)		Top of Riser Elev. = ??? feet	ND
1						FILL - Brown Clayey SILT, little		Concrete and Road box	
	14					Gravel, trace Sand, moist.		Cement/bentonite grout	
2	19							from 1 to 3.5 feet.	
	19	S-2	2 - 4	16	100				ND
3	8					Grades to:... trace Gravel.		10" Nominal diameter	
	8							borehole to 9.5'	
4	6								
	7	S-3	4 - 6	14	100	Reddish Brown Clayey SILT, little			ND
5	6					Gravel, trace Sand, moist.			
	8					(NATIVE)			
6	9							Bentonite Pellets	
	11	S-4	6 - 8	18	100			from 3.5 to 6.5 ft.	ND
7	9								
	9							2-inch PVC flush coupled	
8	11							riser pipe to 7.5 feet.	
	17	S-5	8.0 - 9.1	>100	5				ND
9	17					Grades to:... some Sand, little			
	100/1					Gravel, moist to wet.			
10		C-1	9.5 - 14.4	54	100	Splitspoon refusal at 9.1 feet			
						Auger refusal at 9.5 feet		2-inch PVC Screen	
11						BEDROCK		SCH. 40, 10 slot,	
						Lockport Dolomite Formation		from 7.5 to 14.5 feet.	
12						Gray, hard, very slight to			
						slight weathering, fine grained,			
13						horizontal and low angle fractures.			
								Sand pack from	
14								6.5 to 14.5 feet.	
								Nominal 3" diameter	
15								rock hole 9.5 to 14.5 feet	
						End of boring at 14.5 feet bgs.			
16									
17									
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples.
Meter was calibrated to the equivalent of 100 ppm isobutylene in air.
2) OVM reading from headspace screening of soil samples.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Automotive
Building 9
Lockport Complex
Lockport, NY

BORING No. MW-9-4
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	615.5 DATUM NGVD
START DATE	7/25/2008 END DATE 7/25/2008	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/2008		6.41	2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	4-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
		S-1	0 - 2	5	75	CONCRETE (6 inches)		Top of Riser Elev. = 615.04 feet	ND
1	4					FILL - Brown Clayey SILT, little		Concrete and Road box	
	4					Gravel, trace Sand, moist.		Cement/bentonite grout	
2	9							from 1 to 3.5 feet.	
	8	S-2	2 - 4	17	95			10" Nominal diameter	ND
3	8							borehole to 4.4'	
	9							Bentonite Pellets	
4	15					Splitspoon refusal at 4 feet bgs.		from 1.5 to 3.5 ft.	
	100/0	S-3	4 - 4.4	0	0	Auger refusal at 4.4 feet bgs.		2-inch PVC flush coupled	
5		C-1	4.4 - 5.7	0	69	BEDROCK		riser pipe to 5 feet.	
						Lockport Dolomite Formation			
6		C-2	5.7 - 8.5	0	82	Gray, hard, very slight to			
7						slight weathering, fine grained,			
						horizontal and low angle fractures.			
8								2-inch PVC Screen	
								SCH. 40, 10 slot,	
9		C-3	8.5 - 10.0	70	100			from 5 to 10 feet.	
								Sand pack from	
10								3.5 to 10 feet.	
								rock hole 4.4 to 10 feet	
11						End of boring at 10 feet bgs.			
12									
13									
14									
15									
16									
17									
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES: 1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples.
Meter was calibrated to the equivalent of 100 ppm isobutylene in air.
2) OVM reading from headspace screening of soil samples.

General Notes:
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GZA GEOENVIRONMENTAL OF NEW YORK

Delphi Automotive
Building 9
Lockport Complex
Lockport, NY

BORING No. MW-9-12
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions, Inc.	BORING LOCATION	See Location Plan
DRILLER	Andy Morris	GROUND SURFACE ELEVATION	615.5 DATUM NGVD
START DATE	7/24/2008 END DATE 7/24/2008	GZA GEOENVIRONMENTAL REPRESENTATIVE	J. Davide

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
8/13/2008		9.26	2"	

TYPE OF DRILL RIG	Diedrich D-120
CASING SIZE AND DIAMETER	4-1/4" HSA
OVERBURDEN SAMPLING METHOD	2" diameter x 24" long splitspoon
ROCK DRILLING METHOD	HQ Size Rock Core

DEPTH	SAMPLE BLOWS (/6")	NO.	DEPTH (FT)	N-VALUE /RQD %	RECOVERY (%)	SAMPLE DESCRIPTION	WELL INSTALLATION DIAGRAM	WELL INSTALLATION DESCRIPTION	OVM (ppm)
1		S-1	0 - 2	5	25	CONCRETE (8 inches) Brown SAND and Gravel, some Silt, little Clay, moist (FILL).		Top of Riser Elev. = 614.92 feet Concrete and Road box Cement/bentonite grout from 1 to 5.6 feet.	ND
2	5 6								
3	4 2	S-2	2 - 4	5	40	Grades to:... trace Gravel.		10" Nominal diameter borehole to 11.6'	ND
4	3 2								
5	3 2	S-3	4 - 6	5	40	Reddish Brown Clayey SILT, little Gravel, trace Sand, moist. (NATIVE)			ND
6	3 6							Bentonite Pellets	
7	3 5	S-4	6 - 8	14	25			from 5.6 to 8.6 ft.	ND
8	9 13							2-inch PVC flush coupled riser pipe to 9.6 feet.	
9	13 16	S-5	8.0 - 10.0	36	20				ND
10	20 44								
11	34 68	S-6	10.0 - 12.0	129	60	Grades to:... some Sand, little Gravel, moist to wet.		2-inch PVC Screen SCH. 40, 10 slot, from 9.6 to 16.6 feet.	ND
12	61 100/1					Splitspoon and Auger refusal at 11.6 feet bgs.			
13		C-1	11.6 - 16.6	83	94	BEDROCK Lockport Dolomite Formation			
14						Gray, hard, very slight to slight weathering, fine grained, horizontal and low angle fractures.		Sand pack from 8.6 to 16.6 feet.	
15								Nominal 3" diameter rock hole 11.6 to 16.6 feet	
16									
17						End of boring at 16.6 feet bgs.			
18									
19									

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) HNu PI - 101 organic vapor meter (OVM) used to screen soil samples. Meter was calibrated to the equivalent of 100 ppm isobutylene in air.
2) OVM reading from headspace screening of soil samples.

General Notes:
1) Stratification lines represent approximate boundary between soil types; transitions may be gradual.
2) Water level readings have been made at times and under conditions stated; fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-1
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING
NA			

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
		0 - 2	60	Concrete slab. Approximately 8" thick.		ND
1						
				FILL - Red brown Clayey SILT, some Sand, little Gravel, moist.		
2						
		2 - 4	60	FILL - Red brown SILT & CLAY, trace Sand, moist.		ND
3						
				FILL - Red brown Clayey SILT, little Sand, trace Gravel, moist.		
4				Gray Lockport Dolomite BEDROCK.		
				Refusal at 4 feet below ground surface (bgs).		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
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GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-2
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION: Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
		0 - 2	75	Concrete slab. Approximately 8" thick.		ND
1				FILL - Red brown Clayey SILT, little Sand, little Gravel, moist.		
2				Grades to:...some Sand.		
		2 - 4	75			ND
3				Grades to:...trace Sand, trace Gravel.		
4				Gray Lockport Dolomite BEDROCK.		
				Refusal at 4 feet bgs.		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA

GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-3
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
		0 - 2	95	Concrete slab. Approximately 8" thick.		ND
1				FILL - Red brown SILT & CLAY, trace Sand, trace Gravel, moist.		
2						
		2 - 4	95	Brown Clayey SILT, trace Sand, trace Gravel, moist.		ND
3						
				Grades to:...Red brown.		
4						
		4 - 4.5	100	Gray Lockport Dolomite BEDROCK.		ND
5				Refusal at 4.5 feet bgs.		
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-5
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
		0 - 2	100	ASPHALT. Approximately 3" thick.		ND
1				FILL - Brown SAND, some Gravel, moist.		
				Brown SILT & CLAY, trace Gravel, moist.		
2						
		2 - 3.5		Grades to:... Dark brown.		ND
3				Grades to:... Red brown.		
4				Refusal at 3.5 feet bgs.		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
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GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-9
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
		0 - 2	30	Concrete slab. Approximately 8" thick.		ND
1				FILL - Red brown SILT & CLAY, little Gravel, trace Sand, moist.		
2				FILL - Brown SAND, trace Silt, trace Gravel, moist.		
		2 - 4	30			ND
3						
4						
		4 - 6	30			ND
5				Brown SILT & CLAY, little Sand, trace Gravel, moist. (Native)		
6						
		6 - 8	30			ND
7						
8						
		8 - 10	40	Brown SAND, some Gravel, little Silt, trace clay, moist.		ND
9						
10						
		10 - 11	40	Gray Lockport Dolomite BEDROCK, wet.		ND
11						
				Refusal at 11 feet bgs.		
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-10
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	DATUM
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	Sample Number	DEPTH (FT)	RECOVERY (%)	SAMPLE DESCRIPTION	NOTES	OVM (ppm)
		0 - 2	60	TOPSOIL		ND
1				FILL - Brown SAND, little Gravel, moist.		
2				FILL - Red brown SILT & CLAY, little sand, trace Gravel, moist.		
		2 - 4	60			ND
3						
4				Red brown SAND, little gravel, moist.		
		4 - 6	50	Red brown SILT & CLAY, little Sand, trace Gravel, moist. (Native)		ND
5						
6						
		6 - 8	50	Red brown, Clayey SILT, trace Sand, trace Gravel, wet.		ND
7						
8				Brown GRAVEL, some Sand, little Silt, wet.		
		8 - 8.5				ND
9				Refusal at 8.5 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

GZA GEOENVIRONMENTAL OF NEW YORK
535 WASHINGTON STREET BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 9
Lockport, New York

Probe No. SP-9-11
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: ERH

CONTRACTOR	Matrix Environmental Technologies	BORING LOCATION	See Location Plan
DRILLER	Mark Janus	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/30/2008	END DATE 7/30/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	C. Boron

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 540 U track mounted rig
CASING SIZE AND DIAMETER	2" diameter by 48" long
OVERBURDEN SAMPLING METHOD	Direct push
ROCK DRILLING METHOD	NA

DEPTH	SAMPLE INFORMATION			SAMPLE DESCRIPTION	NOTES	OVM (ppm)
	Sample Number	DEPTH (FT)	RECOVERY (%)			
		0 - 2		Concrete slab. Approximately 14" thick.		ND
1						
				FILL - Brown SAND, some Gravel, moist.		
2				FILL - Dark brown SILT & CLAY, trace Sand, trace Gravel, moist.		
		2 - 4				ND
3						
4						
		4 - 6				ND
5						
				Red brown Clayey SILT, little Sand, trace Gravel, moist. (Native)		
6						
		6 - 8				ND
7						
				Grades to:... moist to wet		
8						
		8 - 9				ND
9				Gray Lockport Dolomite BEDROCK, wet.		
				Refusal at 9 feet bgs.		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

S - Split Spoon Sample
C - Rock Core Sample

NOTES: Hnu PI-101 organic vapor meter was used to field screen and headspace soil samples. Meter was calibrated to 100 ppm of isobutylene.

General Notes:
1) Stratification lines represent approximate boundary between soil types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

ATTACHMENT 3

TABLES

Table 1
Analytical Testing Program Summary
Focused Environmental Assessment
Delphi Building 6 UST Area & Building 9
Lockport, New York

Building	Location	Date Collected	Depth/ Interval feet bgs	VOCs EPA Method 8260 TCL	SVOCs EPA Method 8270 STARS	PCBs EPA Method 8082	SVOC Fingerprint	Specific Gravity ASTM D4052	Viscosity ASTM D-445
Soil Samples									
Building 6 UST Area	MW-6-7	7/21/2008	4 to 6	X					
Building 6 UST Area	MW-6-8	7/22/2008	8 to 10	X					
Building 6 UST Area	MW-6-9	7/23/2008	6 to 9	X					
Building 9	SP-9-1	7/30/2008	2 to 4		X				
Building 9	SP-9-2	7/30/2008	2 to 4		X				
Building 9	SP-9-3	7/30/2008	3 to 4.5		X				
Building 9	SP-9-4	7/25/2008	2 to 4		X				
Building 9	SP-9-5	7/30/2008	1 to 3.5		X				
Building 9	SP-9-9	7/30/2008	8 to 10		X				
Building 9	SP-9-10	7/30/2008	6 to 8		X				
Building 9	SP-9-11	7/30/2008	7 to 9		X				
Building 9	SP-9-12	7/24/2008	8 to 11.5		X				
Groundwater Samples									
Building 6 UST Area	MW-6-7	8/13/2008	NA	X					
Building 6 UST Area	MW-6-8	8/13/2008	NA	X					
Building 6 UST Area	MW-6-9	8/13/2008	NA	X					
Building 9	MW-9-4	8/13/2008	NA		X				
Building 9	MW-9-12	8/14/2008	NA		X				
LNAPL Samples									
Building 9	MW-9-4	8/13/2008	NA	X		X	X	X	X

Notes:
1. NA = not applicable.
2. ft bgs = feet below ground surface
3. VOCs = Volatile Organic Compounds
4. SVOCs = Semi-Volatile Organic Compounds
5. TPH = Total Petroleum Hydrocarbons
6. TCL = total compound list.
7. STARS = Spills Technology and Remediation Series

Table 2

Groundwater Monitoring Well Monitoring Point & Groundwater Elevation Data
Focused Environmental Assessment
Delphi Building 6 UST Area & Building 9
Lockport, New York

Monitoring Point	Monitoring Point Elevation (feet)	August 13, 2008 Groundwater Measurement (feet)	August 13, 2008 Groundwater Elevation (feet)
MW-4	613.07	7.38	605.69
MW-7	613.86	6.94	606.92
MW-8	608.97	6.04	602.93
MW-9	604.90	9.26	595.64
MW-10	604.70	15.32	589.38
MW-11	590.10	5.68	584.42
MW-12	590.71	6.02	584.69
MW-13	589.02	5.18	583.84
MW-14	592.77	6.57	586.20
MW-15	594.04	8.10	585.94
TK-3	619.95	8.98	610.97
TK-6	621.69	10.08	611.61
Bldg 10-MW-1	615.05	6.02	609.03
MW-7-A-6	612.13	2.46	609.67
MW-7-P-1	615.09	9.49	605.60
MW-9-101-A	615.00	6.13	608.87
MW-9-4	615.04	6.41	608.63
MW-9-12	614.92	9.26	605.66
MW-8-003-B	610.94	5.45	605.49
MW-6-F-6	613.45	2.56	610.89
MW-6-F-7	613.42	4.81	608.61
MW-6-F-8	613.22	3.38	609.84
MW-6-F-9	613.13	6.71	606.42
MW-6-1	598.23	5.15	593.08
MW-6-2	609.33	5.3	604.03
MW-7-1	597.98	19.79	578.19
MW-7-2	592.57	7.15	585.42
MW-7-3	594.04	3.18	590.86
MW-7-4	594.04	12.31	581.73

NOTES:

1) NM = not measured
2) Shaded water levels were not used in the development of 8/13/08 Groundwater contour map.

ATTACHMENT 4

HYDRAULIC CONDUCTIVITY CALCULATION SPREADSHEETS

Bouer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	21.0056340.0	**Date**	9/3/2008
Site	Building 6 UST Area	**Well No**	MW-6-F-7

H =	50.0	feet	(aquifer thickness =>assumed)
Le =	8.3	feet	(wetted screen length)
Lw =	11.6	feet	(length from bottom of well to static water table)
rw =	0.250	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of gravel pack)
yo =	10.6	feet	(start water level)
yt =	10.00	feet	(end water level)
t =	5.43	min	(change in time)
Le/rw=	33.2		(calculated ratio)
A =	2.5		(from plot)
B =	0.75		(from plot)
C =	2.20		(from plot)
rc' =	*0.154*		(effective radius)
ln Re =	*1.832*		*(for Lw<H)*
Re =	*6.246*	*feet*	*(for Lw<H)*
ln Re =	*1.447*		*(for Lw=H)*
Re =	*4.251*	*feet*	*(for Lw=H)*

if d = 2 inch, m = 0.163
if d = 4 inch, m = 0.653
if d = 6 inch, m = 1.469

m =	0.653		(multiplier)
Q =	*0.072*	*gpm*	*(flowrate)*
Q =	*9.65E-03*	*ft^3/min*	*(flowrate)*
K =	*1.43E-05*	*ft/min*	*(hydraulic conductivity)*
K =	***7.28E-06***	***cm/sec***	***(hydraulic conductivity)***
T =	*1.19E-05*	*ft^2/sec*	*(transmissivity)*
T =	***7.72***	***gpd/ft***	***(transmissivity)***

Bouer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	21.0056340.0	**Date**	9/3/2008
Site	Building 6 UST Area	**Well No**	MW-6-F-8

H =	50.0	feet	(aquifer thickness =>assumed)
Le =	8.4	feet	(wetted screen length)
Lw =	11.8	feet	(length from bottom of well to static water table)
rw =	0.250	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of gravel pack)
yo =	5.3	feet	(start water level)
yt =	4.70	feet	(end water level)
t =	0.68	min	(change in time)
Le/rw=	33.6		(calculated ratio)
A =	2.5		(from plot)
B =	0.75		(from plot)
C =	2.20		(from plot)
rc' =	*0.154*		(effective radius)
ln Re =	*1.832*		*(for Lw<H)*
Re =	*6.246*	*feet*	*(for Lw<H)*
ln Re =	*1.464*		*(for Lw=H)*
Re =	*4.322*	*feet*	*(for Lw=H)*

if d = 2 inch, m = 0.163
if d = 4 inch, m = 0.653
if d = 6 inch, m = 1.469

m =	0.653		(multiplier)
Q =	*0.576*	*gpm*	*(flowrate)*
Q =	*7.70E-02*	*ft^3/min*	*(flowrate)*
K =	*2.33E-04*	*ft/min*	*(hydraulic conductivity)*
K =	***1.18E-04***	***cm/sec***	***(hydraulic conductivity)***
T =	*1.94E-04*	*ft^2/sec*	*(transmissivity)*
T =	***125.56***	***gpd/ft***	***(transmissivity)***

Bouer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	21.0056340.0	**Date**	9/3/2008
Site	Building 6 UST Area	**Well No**	MW-6-F-9

H =	50.0	feet	(aquifer thickness =>assumed)
Le =	8.0	feet	(wetted screen length)
Lw =	9.1	feet	(length from bottom of well to static water table)
rw =	0.250	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of gravel pack)
yo =	12.35	feet	(start water level)
yt =	10.70	feet	(end water level)
t =	1.83	min	(change in time)
Le/rw=	32.0		(calculated ratio)
A =	2.5		(from plot)
B =	0.75		(from plot)
C =	1.60		(from plot)
rc' =	*0.154*		(effective radius)
ln Re =	*1.832*		*(for Lw<H)*
Re =	*6.246*	*feet*	*(for Lw<H)*
ln Re =	*1.423*		*(for Lw=H)*
Re =	*4.148*	*feet*	*(for Lw=H)*

if d = 2 inch, m = 0.163
if d = 4 inch, m = 0.653
if d = 6 inch, m = 1.469

m =	0.653		(multiplier)
Q =	*0.589*	*gpm*	*(flowrate)*
Q =	*7.87E-02*	*ft^3/min*	*(flowrate)*
K =	*1.09E-04*	*ft/min*	*(hydraulic conductivity)*
K =	***5.52E-05***	***cm/sec***	***(hydraulic conductivity)***
T =	*9.05E-05*	*ft^2/sec*	*(transmissivity)*
T =	***58.48***	***gpd/ft***	***(transmissivity)***

Bouer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	21.0056340.0	**Date**	9/3/2008
Site	Building 9 FEA	**Well No**	MW-9-4

H =	50.0	feet	(aquifer thickness =>assumed)
Le =	4.9	feet	(wetted screen length)
Lw =	4.9	feet	(length from bottom of well to static water table)
rw =	0.250	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of gravel pack)
yo =	6.85	feet	(start water level)
yt =	6.10	feet	(end water level)
t =	2.63	min	(change in time)
Le/rw=	19.6		(calculated ratio)
A =	2.75		(from plot)
B =	0.49		(from plot)
C =	1.00		(from plot)
rc' =	*0.154*		(effective radius)
ln Re =	*1.832*		*(for Lw<H)*
Re =	*6.246*	*feet*	*(for Lw<H)*
ln Re =	*0.991*		*(for Lw=H)*
Re =	*2.693*	*feet*	*(for Lw=H)*

if d = 2 inch, m = 0.163
if d = 4 inch, m = 0.653
if d = 6 inch, m = 1.469

m =	0.653		(multiplier)
Q =	*0.186*	*gpm*	*(flowrate)*
Q =	*2.49E-02*	*ft^3/min*	*(flowrate)*
K =	*9.97E-05*	*ft/min*	*(hydraulic conductivity)*
K =	***5.07E-05***	***cm/sec***	***(hydraulic conductivity)***
T =	*8.31E-05*	*ft^2/sec*	*(transmissivity)*
T =	***53.71***	***gpd/ft***	***(transmissivity)***

Bouer & Rice Slug Test Method
Hydraulic Conductivity Calculation Worksheet

Project	21.0056340.0	**Date**	9/3/2008
Site	Building 9	**Well No**	MW-9-12

H =	50.0	feet	(aquifer thickness =>assumed)
Le =	7.5	feet	(wetted screen length)
Lw =	7.5	feet	(length from bottom of well to static water table)
rw =	0.250	feet	(borehole radius)
rc =	0.083	feet	(well radius)
n =	0.30		(porosity of gravel pack)
yo =	10.7	feet	(start water level)
yt =	10.00	feet	(end water level)
t =	2.68	min	(change in time)
Le/rw=	30.0		(calculated ratio)
A =	2.85		(from plot)
B =	0.5		(from plot)
C =	1.75		(from plot)
rc' =	*0.154*		(effective radius)
ln Re =	*1.832*		*(for Lw<H)*
Re =	*6.246*	*feet*	*(for Lw<H)*
ln Re =	*1.233*		*(for Lw=H)*
Re =	*3.432*	*feet*	*(for Lw=H)*

if d = 2 inch, m = 0.163
if d = 4 inch, m = 0.653
if d = 6 inch, m = 1.469

m =	0.653		(multiplier)
Q =	*0.171*	*gpm*	*(flowrate)*
Q =	*2.28E-02*	*ft^3/min*	*(flowrate)*
K =	*3.73E-05*	*ft/min*	*(hydraulic conductivity)*
K =	***1.90E-05***	***cm/sec***	***(hydraulic conductivity)***
T =	*3.11E-05*	*ft^2/sec*	*(transmissivity)*
T =	***20.09***	***gpd/ft***	***(transmissivity)***

ATTACHMENT 5

ANALYTICAL LABORATORY REPORT

FREE-COL LABORATORIIES
a Division of Modern Industries, Inc.
11618 Cotton Road
Meadville, PA 16335
Phone: (814) 724-6242
FAX: (814) 333-1466
www.free-col.com

ENVIRONMENTAL
INDUSTRIAL HYGIENE
MATERIALS RESEARCH
FOOD SCIENCE
SAMPLING/FIELD SERVICES

STATE CERTIFIED
AIHA CERTIFIED

Delphi Energy & Engine

SAMPLE DATE(S)

08/13/08

P.O. 460016825

Report Reviewed and approved by:

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-2 **Client's Sample ID:** MW-6-F-7

Date Sampled: 8/13/2008 **Time Sampled:** 11:15 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Bromomethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Vinyl Chloride	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Chloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Methylene chloride	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Acetone	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Carbon Disulfide	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,1-Dichloroethene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,1-Dichloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Chloroform	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,2-Dichloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
2-Butanone	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,1,1-Trichloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Carbon Tetrachloride	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Vinyl Acetate	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Bromodichloromethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,2-Dichloropropane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
trans-1,3-Dichloropropene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Trichloroethene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Dibromochloromethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
1,1,2-Trichloroethane	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Benzene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
cis-1,3-Dichloropropene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
2-Chloroethylvinylether	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-2 **Client's Sample ID:** MW-6-F-7

Date Sampled: 8/13/2008 **Time Sampled:** 11:15 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
2-Hexanone	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Tetrachloroethene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Toluene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Chlorobenzene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Ethylbenzene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Styrene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
Xylenes (total)	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
cis-1,2-Dichloroethene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B
trans-1,2-Dichloroethene	<0.002	mg/L	08/27/08	10:11	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
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EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-3 **Client's Sample ID:** MW-6-F-9

Date Sampled: 8/13/2008 **Time Sampled:** 12:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Bromomethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Vinyl Chloride	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Chloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Methylene chloride	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Acetone	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Carbon Disulfide	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,1-Dichloroethene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,1-Dichloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Chloroform	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,2-Dichloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
2-Butanone	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,1,1-Trichloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Carbon Tetrachloride	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Vinyl Acetate	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Bromodichloromethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,2-Dichloropropane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
trans-1,3-Dichloropropene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Trichloroethene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Dibromochloromethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
1,1,2-Trichloroethane	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Benzene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
cis-1,3-Dichloropropene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
2-Chloroethylvinylether	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-3 **Client's Sample ID:** MW-6-F-9

Date Sampled: 8/13/2008 **Time Sampled:** 12:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
2-Hexanone	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Tetrachloroethene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Toluene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Chlorobenzene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Ethylbenzene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Styrene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
Xylenes (total)	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
cis-1,2-Dichloroethene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B
trans-1,2-Dichloroethene	<0.002	mg/L	08/27/08	10:42	Lindquist	SW-846 8260B

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09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-4 **Client's Sample ID:** MW-6-F-8

Date Sampled: 8/13/2008 **Time Sampled:** 13:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Bromomethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Vinyl Chloride	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Chloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Methylene chloride	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Acetone	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Carbon Disulfide	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,1-Dichloroethene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,1-Dichloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Chloroform	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,2-Dichloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
2-Butanone	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,1,1-Trichloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Carbon Tetrachloride	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Vinyl Acetate	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Bromodichloromethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,2-Dichloropropane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
trans-1,3-Dichloropropene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Trichloroethene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Dibromochloromethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
1,1,2-Trichloroethane	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Benzene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
cis-1,3-Dichloropropene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
2-Chloroethylvinylether	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0008518-4** **Client's Sample ID:** **MW-6-F-8**

Date Sampled: **8/13/2008** **Time Sampled:** **13:00** **Date Received:** **8/15/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
2-Hexanone	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Tetrachloroethene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Toluene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Chlorobenzene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Ethylbenzene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Styrene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
Xylenes (total)	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
cis-1,2-Dichloroethene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B
trans-1,2-Dichloroethene	<0.002	mg/L	08/27/08	11:13	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

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Modern Erie: 25-03459

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Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-8 **Client's Sample ID:** MW-9-12

Date Sampled: 8/14/2008 **Time Sampled:** 14:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Anthracene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Benzo(a)anthracene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Benzo(a)pyrene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Benzo(b)fluoranthene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Benzo(g,h,i)perylene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Benzo(k)fluoranthene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Chrysene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Dibenzo(a,h)anthracene	<0.005	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Fluoranthene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Fluorene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Naphthalene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Phenanthrene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Pyrene	<0.002	mg/L	08/26/08	24:30	Bilich	SW-846 8270C
Prep: Semi-Volatile Extraction			08/22/08	11:10	Hindle	SW-846 3510C

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Modern Erie: 25-03459

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Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-9 **Client's Sample ID:** MW-9-4

Date Sampled: 8/14/2008 **Time Sampled:** 13:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Anthracene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Benzo(a)anthracene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Benzo(a)pyrene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Benzo(b)fluoranthene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Benzo(g,h,i)perylene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Benzo(k)fluoranthene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Chrysene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Dibenzo(a,h)anthracene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Fluoranthene	7.99	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Fluorene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Naphthalene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Phenanthrene	7.97	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Pyrene	<0.073	mg/L	08/26/08	24:31	Bilich	SW-846 8270C
Prep: Semi-Volatile Extraction			08/22/08	11:10	Hindle	SW-846 3510C

Semi-Volatile Compounds with a less than sign (<) have a detection limit change due to a dilution.

FREE-COL LABORATORIES

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MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0008518-10 **Client's Sample ID:** MW-9-4 Product

Date Sampled: 8/13/2008 **Time Sampled:** 12:00 **Date Received:** 8/15/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
PCB-1242	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1254	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1221	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1232	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1248	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1260	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
PCB-1016	<2	mg/kg	08/22/08	07:19	Williams	SW-846 8082
Chloromethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Bromomethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Chloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Methylene chloride	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Acetone	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Carbon Disulfide	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,1-Dichloroethene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Chloroform	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
2-Butanone	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Vinyl Acetate	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Bromodichloromethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B

FREE-COL LABORATORIES

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Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0008518-10** **Client's Sample ID:** **MW-9-4 Product**

Date Sampled: **8/13/2008** **Time Sampled:** **12:00** **Date Received:** **8/15/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
trans-1,3-Dichloropropene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Trichloroethene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Dibromochloromethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Benzene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
2-Chloroethylvinylether	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Bromoform	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
2-Hexanone	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Tetrachloroethene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Toluene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Styrene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Xylenes (total)	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	08/27/08	09:09	Lindquist	SW-846 8260B
Semi-Volatile Fingerprint Scan	Attachment		08/26/08	24:31	Bilich	SW-846 8270C
Viscosity	See Note 2					ASTM D-445
Specific Gravity	See Note 1					SM 2710 F

FREE-COL LABORATORIES

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

09/09/2008

Delivery Group ID: **2008:0008518**

10 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/15/2008
Time Received: 09:00
Delivered By: UPS

PCB NOTE: All reported values with a less than sign (<) have detection limit changes due to a dilution.
Results expressed as mg/kg are calculated on a received weight basis.

Note 1: Viscosity analysis was performed by Engineered Lubricants Company at 100 Degrees F or 40 Degrees C by ASTM D-445.

SSU Viscosity Result @ 100 F is 258.2
cSt Viscosity Result @ 40 C is 49.978

Note 2: Specific Gravity analysis was performed by Engineered Lubricants Company by ASTM D4052.

Specific Gravity Result @ 60 F is 0.880
API Gravity Result @ 60 F is 29.30
Pounds/Gallon Result is 7.327

Attachment

CC: GZA

FREE-COL LABORATORIES
a Division of Modern Industries, Inc.
P.O. Box 557, 11618 Cotton Road
Meadville, Pennsylvania 16335-0557
Phone: (814) 724-6242
FAX: (814) 333-1466
www.free-col.com

ENVIRONMENTAL
INDUSTRIAL HYGIENE
MATERIALS RESEARCH
FOOD SCIENCE
SAMPLING/FIELD SERVICES

STATE CERTIFIED
AIHA ACCREDITED

The following sample was submitted to Free-Col Laboratories for analysis:

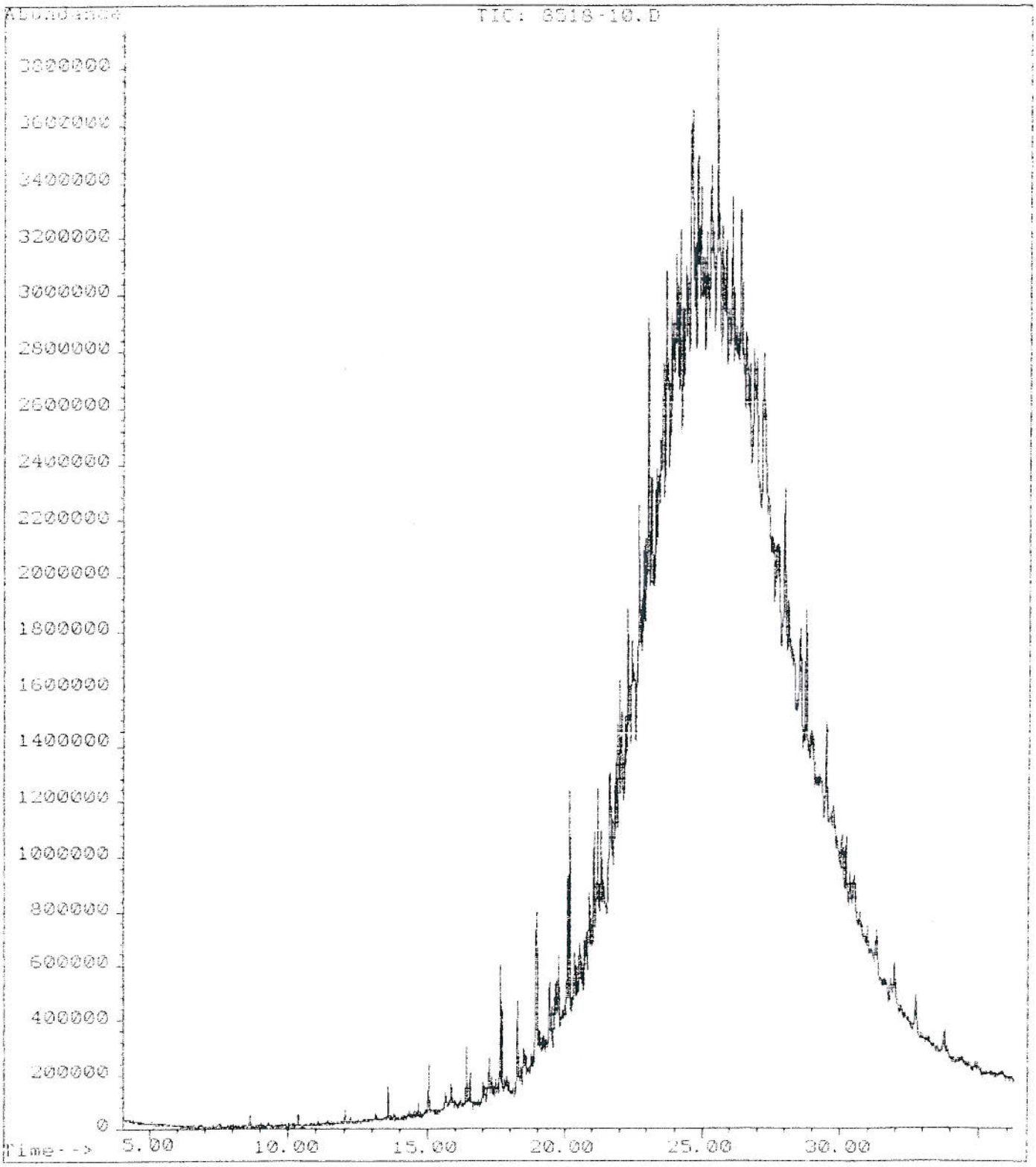
1. Mw-9-4 Product/Free-Col I.D. 2008:0008518-10

The sample, Free-Col I.D. 2008:0008518-10 was an oil sample. The oil was diluted with methylene chloride and analyzed on the HP 5970 GC/MS system.

A fingerprint chromatogram was generated for the sample. The chromatogram was compared to a previous oil sample analyzed on November 11, 2003 and identified as Free-Col I.D. 2003:0012684-1.

It was determined that the oil sample, Free-Col I.D. 2008-0008518-10 contained one hydrocarbon region and was the same as the oil sample that was analyzed in 2003, Free-Col I.D. 2003-0012684-1.

File : C:\HPCHEM\1\DATA\AUG05\08_05_2[illegible] 10.D
Operator :
Acquired : 25 Aug 100 1:11 pm using AcqMeth.M 6570
Instrument : 6570 - 1c
Sample Name: OIL 1 G INTO 10 ML MSOL2 10% DIL
Misc Info :
Vial Number: 1



CHAIN-OF-CUSTODY RECORD

W.O. # ______ Y/N (for lab use only)

8518

	Sample I.D.	Date/Time Sampled	Matrix (A=Air, S=Soil, GW=Ground W., SW=Surface W., WW=Waste W., DW=Drinking W., P=Product, Other (specify))	EPA 8260 Full List	EPA 8270 STARS	EPA 8082-PCBs	Fingerprint	Viscosity	Spec Gravity	SVOC AE/BN	Total # of Cont.	Note #
1	MW-7-2	8/13/08 10:00	GW	X							3	2
2	MW-6-F-7	11:15	GW	X							3	2
3	MW-6-F-9	12:00	GW	X							3	2
*	MW-9-4 Product	12:00	P	X		X	X	X	X	☒	1	1
4	MW-6-F-8	13:00	GW	X							3	2
	[illegible]	[illegible]	[illegible]	[illegible]	X						[illegible]	[illegible]
5	MW-7-4	8/14/08 9:30	GW	X							3	2
6	MW-6-1	11:15	GW	X							3	2
7	MW-6-2	12:00	GW	X							3	2
8	MW-9-12	14:00	GW		X						1	
9	MW-9-4	13:00	GW		X						1	

PRESERVATIVE (Cl - HCl, M=Methanol, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)
Jen Davide	1100 8/14/08	UPS
2/ [illegible]	8/15 900	UPS
3/ [illegible]	8/15 - 9/9/08	

NOTES: (Unless otherwise noted, all samples have been refrigerated to 4° C)
*Specify "Other" preservatives and containers types in this space

1) HOLD for analysis of SVOC AE/BN for P.H. to contact Lab.

2) Preservative for VOC containers

PROJECT MANAGER: EXT:

TURNAROUND TIME: Standard Rush ___ Days, Approved by ___

LAB USE: TEMP. OF COOLER ___ °C Temp Blank ___ Cooler Air ___

GZA GEOENVIRONMENTAL, INC.
Labaratory Division

106 South Street
Hopkinton, MA 01748
(781) 278-4700
FAX (508) 435-9912

GZA FILE NO: 21.0056340 TASK NO: ___ P.O. NO. ___

PROJECT Delphi

LOCATION Lockport, NY

COLLECTOR(S) Jen Davide SHEET 1 OF 1

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-1** **Client's Sample ID:** **SP-9-1;2-4 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	**<0.50**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	**<0.20**	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-2** **Client's Sample ID:** **SP-9-2;2-4 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Accredited Lab ID#
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Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-3** **Client's Sample ID:** **SP-9-3;3-4.5 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007899-4 **Client's Sample ID:** SP-9-5;1-3.5 ft bgs

Date Sampled: 7/30/2008 **Time Sampled:** **Date Received:** 8/ 1/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	0.27	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	0.30	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	0.75	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	1.3	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	0.31	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-5** **Client's Sample ID:** **SP-9-9;8-10 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-6** **Client's Sample ID:** **SP-9-10;6-8 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

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Free-Col: 20-00073
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08/11/2008

Delivery Group ID: **2008:0007899**

7 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 8/ 1/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: **2008:0007899-7** **Client's Sample ID:** **SP-9-11;7-9 ft bgs**

Date Sampled: **7/30/2008** **Time Sampled:** **Date Received:** **8/ 1/2008**

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Acenaphthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Acenaphthylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)anthracene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(a)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(b)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(ghi)perylene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Benzo(k)fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Chrysene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Dibenz(a,h)anthracene	<0.50	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluoranthene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Fluorene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Indeno(1,2,3-cd)pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Naphthalene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Phenanthrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Pyrene	<0.20	mg/kg	08/06/08	16:11	Davis	SW-846 8270C
Prep: Semi-Volatile Soxhlet Extraction			08/04/08	16:30	Hindle	SW-846 3540C

Results expressed as mg/kg are calculated on a received weight basis.

CC: GZA

W.O. # ______________________ (for lab use only)

CHAIN-OF-CUSTODY RECORD

7899

	Sample I.D.	Date/Time Sampled	Matrix (A=Air, S=Soil, GW=Ground W, SW=Surface W, WW=Waste W, DW=Drinking W, P=Product, Other (specify))	☐ pH ☐ Cond	KK Methane, Ethane, Ethene	EPA 8260 - Full List	EPA 8260- STARS List	EPA 8021 - Full List	EPA 8021- STARS List	EPA 524.2 DW VOCs	EPA 624 WW VOCs	☐ 601 ☐ 602 WW VOCs	EPA 8270 SVOCs - Full List	EPA 8270 STARS (PAHs)	EPA 8270 ☐ A ☐ BN	EPA 625 WW SVOCs	EPA 8082-PCBs	EPA 8081-Pest	TPH-GC (Mod 8100)	TPH-GC w/FING	Metals ☐ PPM-13	Metals ☐ R-8	Metals ☐ TAL List	Metals ☐ TAL List w/ CN	Metals (List Below) **	TCLP - Specify Below	SPLP - Specify Below	EPA 300 ☐ Cl ☐ NO3 ☐ SO4	Total No. of Cont	Note #
1	SP-9-1; 2-4 ft bgs	7/30/2008	S											X															1	
2	SP-9-2, 2-4 ft bgs	7/30/2008	S											X															1	
3	SP-9-3; 3-4.5 ft bgs	7/30/2008	S											X															1	
4	SP-9-5, 1-3.5 ft bgs	7/30/2008	S											X															1	
5	SP-9-9; 8-10 ft bgs	7/30/2008	S											X															1	
6	SP-9-10, 6-8 ft bgs	7/30/2008	S											X															1	
7	SP-9-11; 7-9 ft bgs	7/30/2008	S											X															1	

PRESERVATIVE (Cl-HCl, M-Methanol, N-HNO3, S-H2SO4, Na-NaOH, O-Other) *

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY	DATE/TIME	RECEIVED BY
C. Boron	7/31/08 1600 UPS pickup	2 [signature] 8/1 9:00 UPS
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2 [signature]		
RELINQUISHED BY	DATE/TIME	RECEIVED BY
3 [signature]	8/1-12/08	FCL

NOTES: (Unless otherwise noted, all samples have been refrigerated to 4 +/- 2°C)
*Specify "Other" preservatives and container types in this space.

Please Bill Delphi: Richard Eisenman directly.
Please provide electronic copy of the results to christopher.boron@gza.com

Project Manager: C. Boron

TURNAROUND TIME: ~~Standard~~ Rush ______ Days, Approved by: ______

LAB USE: TEMP. OF COOLER ______ °C   Temp Blank ______ Cooler Air ______

GZA GeoEnvironmental, Inc.

535 Washington Street
Buffalo, NY 14203
(716) 685-2300
FAX (716) 685-3629

GZA FILE NO: ______ TASK NO: ______ P.O. NO: ______

PROJECT: Delphi Lockport, Bldg 9

LOCATION: Lockport NY

COLLECTOR(S): C. Boron   SHEET 1 OF 1

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-1 **Client's Sample ID:** MW-6-F-7 (4-6')

Date Sampled: 7/21/2008 **Time Sampled:** 15:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromomethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Acetone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Disulfide	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Butanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Acetate	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromodichloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Trichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Dibromochloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Chloroethylvinylether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

FREE-COL LABORATORIES

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FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-1 **Client's Sample ID:** MW-6-F-7 (4-6')

Date Sampled: 7/21/2008 **Time Sampled:** 15:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Hexanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Tetrachloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	1.8	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	0.40	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Styrene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Xylenes (total)	1.5	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	1.8	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
o-Xylene	0.40	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
m,p-Xylene	1.1	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Total Xylenes	1.5	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Isopropylbenzene	0.30	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-propylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
p-Isopropyltoluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2,4-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,3,5-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
sec-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Naphthalene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methy tert-butyl ether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

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Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Results expressed as mg/kg are calculated on a received weight basis.

FREE-COL LABORATORIES

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MEADVILLE, PENNSYLVANIA 16335
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FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-2 **Client's Sample ID:** MW-6-F-8 (8-10')

Date Sampled: 7/22/2008 **Time Sampled:** 13:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromomethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Acetone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Disulfide	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Butanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Acetate	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromodichloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Trichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Dibromochloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Chloroethylvinylether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

FREE-COL LABORATORIES

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EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-2 **Client's Sample ID:** MW-6-F-8 (8-10')

Date Sampled: 7/22/2008 **Time Sampled:** 13:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Hexanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Tetrachloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Styrene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Xylenes (total)	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
o-Xylene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
m,p-Xylene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Total Xylenes	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Isopropylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-propylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
p-Isopropyltoluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2,4-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,3,5-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
sec-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Naphthalene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methy tert-butyl ether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

FREE-COL LABORATORIES

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Free-Col: 20-00073
Modern Erie: 25-03459

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Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Results expressed as mg/kg are calculated on a received weight basis.

FREE-COL LABORATORIES

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08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-3 **Client's Sample ID:** MW-6-F-9 (6-9')

Date Sampled: 7/23/2008 **Time Sampled:** 12:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Chloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromomethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Acetone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Disulfide	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Butanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Vinyl Acetate	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Bromodichloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Trichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Dibromochloromethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Chloroethylvinylether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

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08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Sample ID: 2008:0007519-3 **Client's Sample ID:** MW-6-F-9 (6-9')

Date Sampled: 7/23/2008 **Time Sampled:** 12:00 **Date Received:** 7/24/2008

Analyte	Result	Units	Date Analyzed	Time Analyzed	Analyst	Method Source
Bromoform	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
2-Hexanone	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
4-Methyl-2-Pentanone (MIBK)	<1.0	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Tetrachloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Styrene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Xylenes (total)	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
o-Xylene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
m,p-Xylene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Total Xylenes	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Isopropylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-propylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
p-Isopropyltoluene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,2,4-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
1,3,5-Trimethylbenzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
n-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
sec-Butyl Benzene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Naphthalene	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B
Methy tert-butyl ether	<0.20	mg/kg	07/24/08	23:32	Perrine	SW-846 8260B

FREE-COL LABORATORIES

11618 COTTON ROAD
MEADVILLE, PENNSYLVANIA 16335
PHONE: (814 724-6242)
FAX: (814) 333-1466
EMAIL: service@freecol.com

Accredited Lab ID#
Free-Col: 20-00073
Modern Erie: 25-03459

Certificate Of Analysis

08/08/2008

Delivery Group ID: **2008:0007519**

3 Sample(s) are included in this Delivery Group.

Company Name: Delphi Energy & Engine
Contact Name: Mr. Rick Eisenman

100 Lexington Ave.
Rochester, NY 14606-2810

Date Received 7/24/2008
Time Received: 09:00
Delivered By: UPS

Results expressed as mg/kg are calculated on a received weight basis.

CC: GZA

Supplemental Report Revision with Addition of Volatile Tests and Results on 08/08/08 to Report 2008:0007519-1,2 and 3 original print date of 7/31/08.

CHAIN-OF-CUSTODY RECORD

W.O. # _____ (for lab use only)

7519

	Sample I.D.	Date/Time Sampled	Matrix (A=Air, S=Soil, GW=Ground W, SW=Surface W, WW=Waste W, DW=Drinking W, P=Product, Other (specify))	EPA 8260 VOCs	Total # of Cont.	Note #
1	MW-6-F-7 (4-6')	7/21/08 15:00	S	X	2	1
2	MW-6-F-8 (8-10')	7/22/08 13:00	S	X	2	1
3	MW-6-F-9 (6-9')	7/22/08 12:00	S	X	2	1

ANALYSIS REQUIRED

PRESERVATIVE (Cl - HCl, M=Methanol, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)
J. Davicke	7/23/08	UPS
RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)
	7/24/08	
RELINQUISHED BY: (AFFILIATION)	DATE/TIME	RECEIVED BY: (AFFILIATION)

NOTES: (Unless otherwise noted, all samples have been refrigerated to 4° C)
*Specify "Other" preservatives and containers types in this space.
1.) Soil jars for VOCs contain Methanol

PROJECT MANAGER: Chris Doucette EXT: _____

TURNAROUND TIME: Standard Rush ___ Days, Approved by _____

LAB USE: TEMP. OF COOLER _____ °C Temp Blank ____ Cooler Air ____

GZA GeoEnvironmental, Inc.
Labaratory Division

106 South Street
Hopkinton, MA 01748
(781) 278-4700
FAX (508) 435-9912

GZA FILE NO: 21.0056340 TASK NO: _____ P.O. NO. _____

PROJECT Delphi Thermal Facility

LOCATION Lockport, NY

COLLECTOR(S) Jen Davicke SHEET 1 OF 1