DELPHI

August 28, 2007

Mr. Glenn May, Region 9
Division of Environmental Remediation
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

RE: Delphi Lockport Building 10 Focused Environmental Assessment Report

Dear Mr. May:

Enclosed are two copies of the final report for the Focused Environmental Assessment (FEA) completed in Building 10 at the Delphi Lockport plant. The purpose of the investigation was to determine if the contamination discovered in Building 10 during the site-wide study conducted in Fall 2006 requires remediation under DEC direction through the Brownfield Cleanup Program (BCP). The FEA was conducted in accordance with the GZA work plan you reviewed in June 2007.

Based on the data presented in this report, GZA recommends installation of a soil vapor extraction system (SVE). The proposed SVE system would be installed in an area of the building that is currently unoccupied. Delphi would like to complete installation of the subsurface components of the SVE system before the end of the year in order to accommodate new manufacturing activity planned for the building. The proposed remediation timeline is as follows:

1. Delphi prepares and submits a BCP application for Building 10 – 9/14/07
2. DEC completes FEA report review -- 9/21/07.
3. Delphi and DEC meet to discuss BCP application – late September. At that meeting, we can determine a tentative schedule for the 30-day public comment period on the BCP application, final Department review and approval of the application and the parties' execution of a Brownfield Cleanup Agreement. In the interim, the work on the SVE will continue along a parallel path.
4. Delphi completes and submits SVE remedial design – 10/12/07
5. DEC reviews and approves remedial design -- 10/26/07
6. Delphi completes installation of subsurface components -- 12/21/07
7. SVE system is operational – 1st quarter 2008

We would appreciate your comments on the proposed schedule.

As discussed in our meeting at your office on April 11, 2007, the site-wide investigation conducted in 2006 identified several areas of concern beyond the Building 10 contamination discussed in the enclosed report. Delphi would like to submit separate BCP applications for Buildings 6, 7, and 8 before the end of 2007 to address these additional areas.

Delphi Powertrain Systems - Rochester Operations PO Box 92700 Rochester, NY 14692-8800

Building 9 will be vacated during the 1st quarter of 2008, and we plan to conduct further investigations in the areas where PAHs were discovered during the 2006 site investigation. Similar to the procedure that we followed with Building 10, we will submit a Building 9 work plan to your office for review and comment prior to our commencement of work. Delphi plans to complete this investigation by the end of the 2nd quarter of 2008. The results will be used to determine if a BCP application for Building 9 is warranted.

Please give me a call at 585-647-4766 if you have any questions.

Sincerely,

Richard C. Eisenman

Richard C. Eisenman
Senior Environmental Engineer
Delphi

C: Matt Forcucci, DOH
Roy Knapp, Delphi
Mark Hester, Delphi
Barry Kogut, BS&K

GZA GeoEnvironmental
of New York

*Engineers and
Scientists*

August 27, 2007
File No. 21.0056340.00

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

Re: Focused Environmental Assessment
Building 10
Lockport, New York

Dear Mr. Eisenman:

364 Nagel Drive
Buffalo
New York
14225
716-685-2300
Fax: 716-685-3629
www.gza.com

GZA GeoEnvironmental of New York (GZA) prepared this letter report for Delphi Thermal (Delphi) summarizing the results of our Focused Environmental Assessment (FEA) at the northern portion of Building 10 at the Lockport, New York Facility (see Figure 1 in Attachment 1).

PURPOSE

The purpose of this FEA at Building 10 was to assess:

- The potential extent of chlorinated solvent contamination in soil and groundwater in the vicinity of column WK45 within Building 10; and
- The interior of Building 10 for vapor intrusion, due to the detections of chlorinated solvents in soil beneath the building discovered by a previous investigation.

As part of the FEA, GZA collected indoor air, sub-slab and outdoor ambient air samples on July 5, 2007, completed soil probes and collected soil samples on July 10th, installed an interior bedrock groundwater monitoring well on July 12th and collected a groundwater sample on July 18, 2007.

BACKGROUND

In 2006, Delphi completed a site-wide Current Conditions Summary and Field Investigation Report (Study) in order to identify areas of soil and/or groundwater contamination. Elevated levels of chlorinated solvents (tetrachloroethene) were detected in soils at concentrations above New York State regulations; specifically, Part 375-6.8(b) restricted commercial soil cleanup objectives at two sample locations near Col. WK45 in Building 10 (see Figure 2 in Attachment 1 for location). To accommodate potential future uses, Delphi requested that an assessment of soil/groundwater contamination and vapor intrusion be performed in the northern portion of Building 10.

GZA prepared a Work Plan dated June 27, 2007 for Delphi, which was submitted to the New York State Department of Environmental Conservation (NYSDEC) for an informal review. The Work Plan was found to be adequate and the investigation was performed in July 2007 in general accordance with the scope of work discussed in the Work Plan.

FIELD ACTIVITIES

The following sections describe the field activities that were done as part of the Building 10 FEA.

PRODUCT INVENTORY REVIEW

Delphi provided GZA with a list of chemicals and products stored and used within Building 10 for review (see Attachment 2). The purpose of the product inventory was to determine if volatile organic compounds (VOCs) of concern[1] were present within products and chemicals currently used within Building 10 and that could have a potential to create an interference or bias in the indoor air sampling results. GZA reviewed the product inventory list prior to initiating the air sampling to determine if chemicals or products needed to be removed from the sampling area at least 24 hours prior to the sampling event. No products were identified that required removal.

During the air sampling event, GZA made observations of the chemicals and products present in the sampling area to determine the completeness of the product list provided by Delphi. Some products were identified during the air sampling that were not identified on the list provided (see Attachment 2). It should be noted that the work area where these products were identified is currently leased to a vendor of Delphi. The products observed that were not on the list of products provided by Delphi, were likely brought into the building by the vendor, subsequent to the vendor's list being provided to Delphi. An organic vapor meter (OVM) equipped with a photoionization detector (PID), which can screen levels down to the part per billion (ppb) range, was used to screen individual containers observed and general areas like storage cabinets to determine background levels within the sampling area. Total volatile organics detected on the OVM ranged in concentration from non-detect to 4 parts per million (ppm). Based on information on container labels and OVM readings, GZA determined that no products observed in the sampling area would interfere with the soil vapor intrusion assessment.

After the sampling event, Delphi reviewed the MSDS file maintained in Building 10 by the tenant for chemical used in that building. There were no chlorinated VOCs reported on the MSDSs.

[1] Compounds of concern are tetrachloroethylene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE), trans-1,2-dichloroethene (trans-DCE) and vinyl chloride (VC).

VAPOR INTRUSION: INDOOR, SUB SLAB AND AMBIENT OUTDOOR AIR SAMPLING

GZA completed the vapor intrusion sampling on July 5, 2007, prior to the soil probe and monitoring well installation work. Three types of air samples (sub-slab, ambient interior and ambient outdoor) were collected as part of the vapor intrusion evaluation. The samples were collected in general accordance with the methodologies identified in the New York State Department of Health (NYSDOH), Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

Two indoor air samples were collected from within Building 10; one sample from in the vicinity of the former sump (Bldg 10 ID-1) and the other was collected from an area in the northwestern portion of the building which Delphi is leasing to a vendor (Bldg 10 ID-2). The indoor air samples were collected from the breathing zone or approximately 4 feet above the slab-on-grade floor. See Figure 2 in Attachment 1 for approximate locations of the air samples.

Two sub-slab air samples were collected from under the slab-on-grade floor through an approximate 1/2-inch diameter hole drilled in a competent portion of the concrete floor. Clean, dedicated polyethylene tubing was placed into the hole to a depth approximately 1-inch below the concrete slab and sealed at the floor surface with modeling clay. The sub-slab air samples were collected from within 5 feet of the indoor air sample locations (see Figure 2 for approximate locations). Bldg 10 SS-1 was collected from within the vicinity of the former sump and Bldg 10 SS-2 was collected from the area in the northwestern portion of the building, which Delphi is leasing to a vendor.

One ambient outdoor air sample was collected from an exterior upwind location on the west side of Building 10 (Bldg 10 Outdoor). The outdoor air sample was collected from the breathing zone or approximately 4 feet above the ground surface (see Figure 2 for approximate location). The sample location was upwind of a man-door on the west side of Building 10, approximately 20 feet west and 60 feet south.

The air samples were collected for an approximate eight-hour duration (e.g., standard shift duration in a commercial/industrial facility) in general accordance with NYSDOH guidance, with the exception of Bldg 10 SS-1, which was collected for approximately 20 hours. The sampling duration for this sample was extended in order to collect enough sample volume to perform the required analysis. The regulator on the sample canister indicated that the intake was approximately 1 pound per square inch (psi) vacuum drop per hour and Centek Laboratories indicated that a minimum of 10 psi change would be needed to provide the required volume to perform the analysis. Therefore GZA left the canister overnight and returned in the morning on July 6th.

SOIL PROBES

Twelve soil probe locations (SP-1 through SP-12) were completed on July 10, 2007 around the former sump area to assist in delineating potential chlorinated solvent contamination

within the subsurface soils (see Figure 3 for approximate locations).

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 4 feet to 8.5 feet below ground surface (bgs). Bedrock is located at approximately 8 to 9 feet bgs.

A field geologist observed the soil probes and created a field log for each probe (see logs in Attachment 3). Soil samples were collected from the soil probes for classification, laboratory analysis and headspace screening with our 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 4 contains a list of the soil samples selected for chemical analysis.

HEADSPACE SCREENING PROCEDURE

The headspace present in the sample baggies above the soil samples collected from soil probes were screened for total organic vapors using an OVM with a PID. The OVM, a HNu PI-101, was calibrated in accordance with manufacturer's recommendations using a gas standard of isobutlyene at an equivalent concentration of 50 ppm as benzene in air. GZA screened a clean, unused plastic bag prior to the start of the headspace screening to establish background concentrations, which were non-detect.

A syringe was used to puncture the baggie of the sample and remove a 30-milliliter (ml) aliquot of headspace air, which was then injected into the probe of the OVM. OVM readings from the headspace screening of the soil probe samples ranged from 2 ppm (SP-12, 4 to 6 feet bgs) to 1,100 ppm (SP-3, 2 to 4 feet bgs). Headspace results were recorded on the probe logs included in Attachment 3.

MONITORING WELL INSTALLATION

One test boring was advanced into bedrock using a truck mounted rotary drill rig to install a groundwater monitoring well. The location of the monitoring well is the same location as SP-1, which is in a downgradient groundwater flow direction from the former sump area, based on previous investigations at the Delphi Lockport facility.

The overburden soils were drilled using 2¼-inch inside diameter hollow stem augers (HSA). Soil samples were not collected because soil probe, SP-1, was completed at the same location prior to the test boring being completed. Drilling fluids were not used while advancing the HSA in the overburden, so groundwater could be identified if encountered. Substantial groundwater was not encountered in the overburden soils. Bedrock was encountered at approximately 9 feet bgs. Once bedrock was encountered, a temporary steel casing was grouted to the top of bedrock. A 3-inch diameter (HQ) core barrel was used to core the bedrock from approximately 9 feet to 16 feet bgs. After the designated depth was reached (based on rock core observations that the bedrock would produce sufficient

groundwater for sampling purposes), 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 and consisted of 10-slot machine slotted PVC (see Bldg 10 MW-1 well log in Attachment 3 for well construction details). The soil spoils generated from the test boring were placed in 55-gallon drums for disposal by Delphi.

The monitoring well was surged with a 1.75-inch diameter slug to develop the filter pack and purged of approximately 6 well volumes to remove the fines. The water generated during development and purging was also drummed for disposal by Delphi.

ANALYTICAL TESTING

The air samples collected were submitted to Centek Laboratories and analyzed via EPA Method TO-15 for VOCs. The analytical methodologies used resulted in reporting limits for TCE to 0.25 ug/m^3 and for PCE to 1 ug/m^3.

Soil and groundwater samples collected were submitted to Free-Col Laboratories for chemical analysis and were tested for VOCs via analytical test method EPA 8260. See Table 1 in Attachment 4 for a list of the analytical samples collected and the analysis performed.

SUBSURFACE CONDITIONS

Subsurface soil conditions encountered at the soil probe locations generally consisted of 3 to 4 feet of fill material (subbase stone beneath the concrete slab-on-grade floor and reworked native soils) overlying native soils which consisted of various amounts of silty clay or clayey silt with lesser and varying amounts of sand and gravel. Bedrock (Lockport Dolostone) is underlying the overburden soil at a depth of approximately 8 to 9 feet below the slab-on-grade floor.

Overburden groundwater was not encountered in a suitable quantity that would allow for the collection of groundwater measurements and/or samples at the twelve soil probe locations. Groundwater may exist on-Site in the overburden soils near the bedrock/overburden interface, but due to the typically tight natured soils encountered (silty clay), enough time was not available to allow groundwater to stabilize at the soil probe locations.

A bedrock monitoring well was installed by coring approximately 7 feet into the bedrock. Groundwater measurements collected from MW-1 indicated a depth to groundwater of about 6 feet below slab-on-grade floor. This would indicate an artesian condition, where the bedrock groundwater is likely near the bedrock/overburden soil interface and is under pressure from the tight overburden soil and was able to rise up in the monitoring well after the overburden soils were removed.

Groundwater measurements were collected from Bldg 10 MW-1 and four additional upgradient wells (TK-3, TK-4, TK-5 and TK-6) and one downgradient well (Bldg 7 MW-7-6) to interpret groundwater flow direction. The interpreted groundwater flow contour is shown on Figure 4 in Attachment 1. Groundwater flow direction is in an easterly direction, which is consistent with the groundwater flow direction observed by GZA at other locations on the property as part of other work completed.

A cross section depicting ground surface elevation, overburden soil thickness, groundwater elevation and top of bedrock elevation was prepared using subsurface information collected from the interior work at Building 10 and previous test boring information from upgradient location TK-6 and downgradient location Bldg 7 MW-7-6 (see Figure 5).

ANALYTICAL TEST RESULTS

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

Air Sample Results

The air sample results were compared to the NYSDOH, "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", dated October 2006. The compounds detected in the air samples that are governed by the NYSDOH guidance are trichloroethylene (TCE), tetrachloroethylene (PCE) and methylene chloride (MC). Therefore, the discussion of the results will focus on these compounds. For a summary of the entire list of compounds detected above method detection limits see Table 2 in Attachment 4 or the analytical laboratory report in Attachment 5.

INDOOR AIR

Bldg 10 ID-1: Twenty-two (22) compounds were detected above method detection limits at indoor air sample location Bldg 10 ID-1. The detected concentrations of TCE (3.33 microgram per cubic meter (ug/m^3)), PCE (10.6 ug/m^3) and MC (0.459 ug/m^3) were below the NYSDOH action criteria (see Table 2). It should be noted that the detected concentration of MC in Bldg 10 ID-1 was below the detected concentration in the Bldg 10 Outdoor air sample.

Bldg 10 ID-2: Twenty-six (26) compounds were detected above method detection limits at indoor air sample location Bldg 10 ID-2. The detected concentrations of PCE (5.54 ug/m^3) and MC (0.918 ug/m^3) were below the NYSDOH action criteria (see Table 2). However, the detected concentration of TCE (10.6 ug/m^3) was above the NYSDOH action criteria.

SUB-SLAB RESULTS

SS-1: Twenty-nine (29) compounds were detected above method detection limits at sub-slab air sample location Bldg 10 SS-1. NYSDOH guidance for sub-

slab samples exist for detected compounds TCE and PCE. The detected concentrations of TCE (216,000 ug/m^3) and PCE (63,500 ug/m^3) exceed the NYSDOH action criteria and indicate that there is a potential for sub-slab vapor migration to impact indoor air. This sample was collected from the vicinity of Bldg 10 ID-1 (see Figure 2).

SS-2: Twenty-one (21) compounds were detected above method detection limits at sub-slab air sample location Bldg 10 SS-2. The detected concentrations of TCE (84.1 ug/m^3), within the sub-slab, coupled with its indoor air concentration of TCE (10.6 ug/m^3) at Bldg 10 ID-2 exceeds NYDOH action criteria. The detected concentration of PCE (25.5 ug/m^3) is below the NYSDOH action criteria. This sample was collected from the vicinity of Bldg 10 ID-2 (see Figure 2).

OUTDOOR AMBIENT RESULTS

Bldg 10 Outdoor: Thirteen (13) compounds were detected above method detection limits at outdoor ambient air sample Bldg 10 Outdoor. This sample was collected to establish baseline conditions for comparative purposes to the indoor sample results. The results of the outdoor air sampling do not affect the results or outcome of the indoor air samples collected.

Soil Sample Results

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

Visual, olfactory and headspace screening results of the soil samples were used to identify potential areas of concern; therefore, soil samples sent for VOC analysis were generally selected based on the higher of the headspace results observed.

One VOC, tetrachloroethene (PCE), was detected at concentrations above method detection limits in nine of the 15 soil samples sent for laboratory analysis (see Table 3). Of those nine, PCE was detected above the Industrial SCO of 300 ppm in three (SP-1, 6 to 8 ft bgs; SP-3, 2 to 4 ft bgs; and SP-4, 6 to 7.1 ft bgs) samples (see Figure 3 for locations). No other VOCs were detected above method detection limits.

Groundwater Sample Results

The analytical test results for the groundwater sample 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.

Eighteen VOCs were detected above method detection limits in the one groundwater sample collected for analysis from interior monitoring well, MW-1 (see Figure 6 and Table 4). Of the eighteen VOCs detected, fourteen exceeded their respective Class GA groundwater criteria. The highest concentration detected was PCE at 114 ppm.

CONCLUSIONS AND RECOMMENDATIONS

It is GZA's opinion that the elevated detections of PCE and TCE in the sub-slab sample Bldg SS-1, the elevated detections of PCE in the soil samples and the numerous detection of VOCs above groundwater criteria in the groundwater sample from MW-1 indicate that a release in this area has occurred and will require remedial action.

The following rationale is used to support our opinion.

- The detected concentrations of PCE and TCE in the sub-slab air sample, SS-1, are above the allowable sub-slab vapor concentration levels noted in the NYSDOH guidance for evaluating soil vapor intrusion. Additionally, the TCE concentration detected in sub-slab air sample, SS-2, coupled with the TCE concentration in indoor air sample, ID-2, indicates a mitigation scenario on the TCE matrix published in the NYSDOH guidance on soil vapor intrusion.
- PCE was detected above the Industrial SCO at three sample locations. These sampling locations were within approximately 15 to 20 feet north (SP-3), south (SP-4) and east (SP-1) of the 2006 boring locations. The detected levels of PCE in the soil are likely contributing to the vapor intrusion issue identified in the northern portion of Building 10. The extent of the soil contamination was identified.
- Fourteen VOCs were detected above their respective Class GA groundwater criteria. PCE was detected in the groundwater sample at a concentration of 114 ppm. Based on studies completed by USEPA[2], it is generally thought that dissolved phase contamination greater than 1% of a compound's solubility indicates a high likelihood that dense non-aqueous phase liquid (DNAPL) is present at a site. Since the solubility concentration of PCE is 150 ppm (based on information published by USEPA), 1% of solubility concentration is 1.5 ppm. It should be noted that DNAPL (free product) was not observed in the Building 10 monitoring well. The levels of VOCs detected in the groundwater, specifically PCE and TCE, are likely contributing to the vapor intrusion issue which was identified in the northern portion of Building 10. Further groundwater investigation is warranted to determine the extent of the groundwater contamination.

Elevated levels of chlorinated solvents have been identified in air, soil and groundwater samples collected from the northern portion of Building 10. Potential remedial options for soils include excavation and disposal, soil vapor extraction, in situ-treatment and/or a combination of various strategies. Options to control vapor intrusion include sub-slab depressurization and building pressurization.

[2] US Environmental Protection Agency (USEPA), Office of Emergency and Remedial Response. 1993. Evaluation of the Likelihood of DNAPL Presence at NPL Sites, National Results. Final Report. September 1993. EPA/540/R-93-073.

Based on current knowledge of site conditions and estimated costs associated with the potential remedial options, GZA recommends installation of a soil vapor extraction (SVE) system designed to remediate soil contamination and reduce the potential for vapor intrusion. The approximate areal extent of the proposed SVE system is shown in Figure 7.

GZA also recommends that additional groundwater investigations be done to determine the extent of groundwater contamination. Groundwater flow at the site appears to be in an easterly direction. Investigations conducted by others in 2006 identified similar suites of chlorinated compounds in groundwater wells located several hundred feet northeast and southeast of the Building 10 MW-1 monitoring well. GZA recommends that additional groundwater investigations should be conducted around and downgradient of Building 10, to assist in determining the extent of groundwater contamination and potential remedial options.

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

Attachments: 1 – Figures
2 – Product Inventory Lists
3 – Soil Probe and Monitoring Well Logs
4 – Tables
5 – Analytical Laboratory Report

ATTACHMENT 1

FIGURES

LEGEND:

INDICATES NORTHERN PORTION OF BUILDING 10 FOCUSED ENVIRONMENTAL ASSESSMENT INVESTIGATED

NOTES:

1. BASE MAP ADAPTED FROM A 2005 AERIAL PHOTOGRAPH DOWNLOADED FROM http://www.nysgis.state.ny.us/gateway/mg/interactive_main.html AND SITE OBSERVATIONS.

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

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 200 400 800

DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD

LOCKPORT, NEW YORK

BUILDING 10

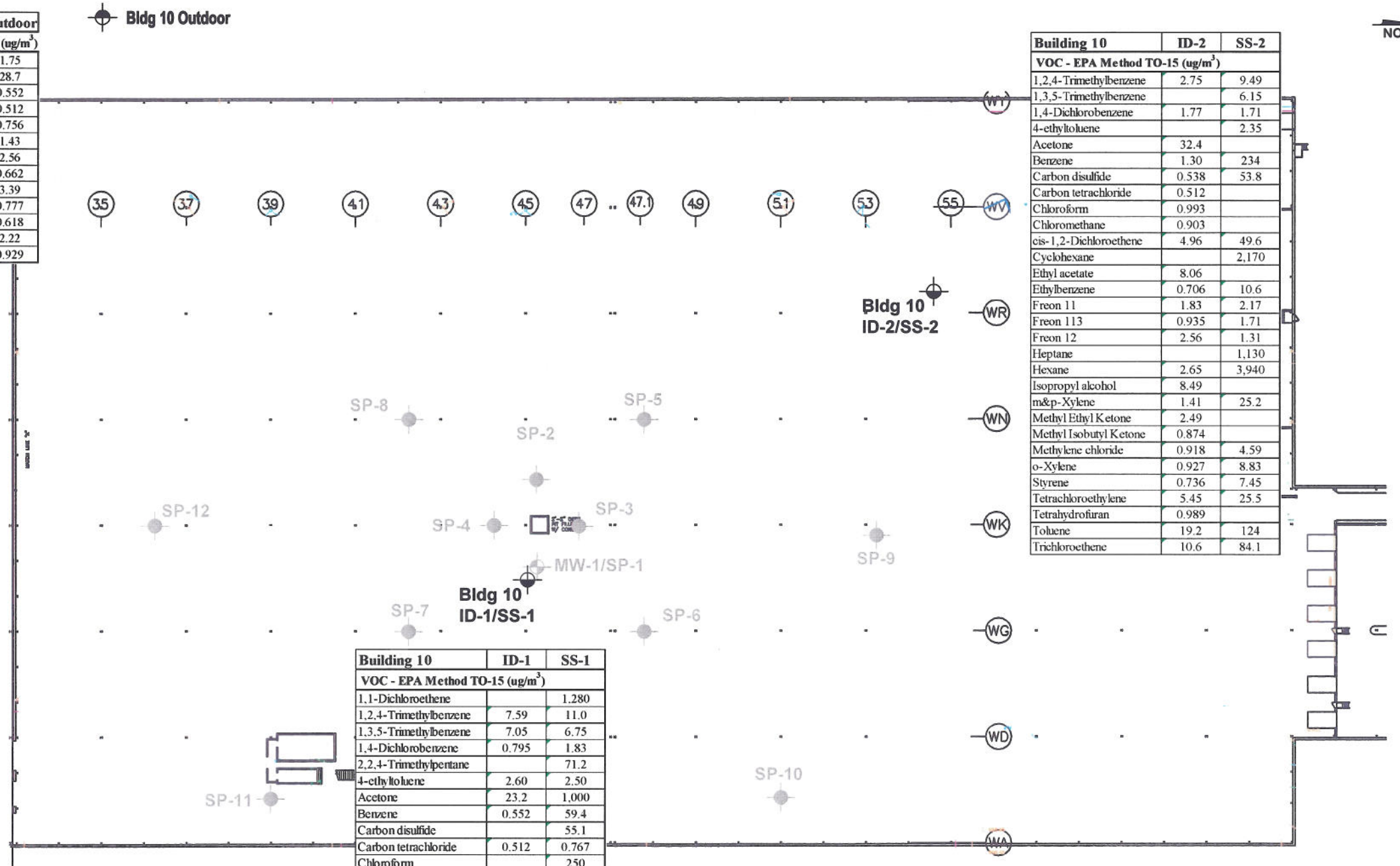
FOCUSED ENVIRONMENTAL ASSESSMENT

SITE PLAN

PROJECT No. 21.0056340.00

FIGURE No. 1

Building 10	Outdoor
VOC - EPA Method TO-15 (ug/m^3)	
1,2,4-Trimethylbenzene	1.75
Acetone	28.7
Benzene	0.552
Carbon tetrachloride	0.512
Chloromethane	0.756
Freon 11	1.43
Freon 12	2.56
m&p-Xylene	0.662
Methyl Ethyl Ketone	3.39
Methylene chloride	0.777
o-Xylene	0.618
Toluene	2.22
Trichloroethene	0.929



Building 10	ID-2	SS-2
VOC - EPA Method TO-15 (ug/m^3)		
1,2,4-Trimethylbenzene	2.75	9.49
1,3,5-Trimethylbenzene		6.15
1,4-Dichlorobenzene	1.77	1.71
4-ethyltoluene		2.35
Acetone	32.4	
Benzene	1.30	234
Carbon disulfide	0.538	53.8
Carbon tetrachloride	0.512	
Chloroform	0.993	
Chloromethane	0.903	
cis-1,2-Dichloroethene	4.96	49.6
Cyclohexane		2,170
Ethyl acetate	8.06	
Ethylbenzene	0.706	10.6
Freon 11	1.83	2.17
Freon 113	0.935	1.71
Freon 12	2.56	1.31
Heptane		1,130
Hexane	2.65	3,940
Isopropyl alcohol	8.49	
m&p-Xylene	1.41	25.2
Methyl Ethyl Ketone	2.49	
Methyl Isobutyl Ketone	0.874	
Methylene chloride	0.918	4.59
o-Xylene	0.927	8.83
Styrene	0.736	7.45
Tetrachloroethylene	5.45	25.5
Tetrahydrofuran	0.989	
Toluene	19.2	124
Trichloroethene	10.6	84.1

Building 10	ID-1	SS-1
VOC - EPA Method TO-15 (ug/m^3)		
1,1-Dichloroethene		1,280
1,2,4-Trimethylbenzene	7.59	11.0
1,3,5-Trimethylbenzene	7.05	6.75
1,4-Dichlorobenzene	0.795	1.83
2,2,4-Trimethylpentane		71.2
4-ethyltoluene	2.60	2.50
Acetone	23.2	1,000
Benzene	0.552	59.4
Carbon disulfide		55.1
Carbon tetrachloride	0.512	0.767
Chloroform		250
Chloromethane	0.693	
cis-1,2-Dichloroethene	1.69	99,900
Cyclohexane		178
Ethyl acetate	0.696	
Ethylbenzene	0.353	10.6
Freon 11	1.43	3.60
Freon 113		7.32
Freon 12	2.46	2.31
Heptane		173
Hexane	0.896	231
m&p-Xylene	0.883	32.2
Methyl Ethyl Ketone	1.53	
Methyl Isobutyl Ketone	0.791	
Methylene chloride	0.459	124
o-Xylene	0.618	9.71
Styrene		8.01
Tetrachloroethylene	10.6	63,500
Tetrahydrofuran		27.9
Toluene	6.32	54.0
trans-1,2-Dichloroethene		4,990
Trichloroethene	3.33	216,000
Vinyl chloride		10.9

LEGEND:

Bldg 10 Outdoor — APPROXIMATE LOCATION AND DESIGNATION OF AMBIENT OUTDOOR AIR SAMPLE (1 LOCATION) - BLDG 10 OUTDOOR

MW-1/SP-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE AND MONITORING WELL (1 LOCATION)

SP-4 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES (10 LOCATIONS)

Bldg 10 ID-1/SS-1 — APPROXIMATE LOCATION AND DESIGNATION OF INTERIOR AIR AND SUB-SLAB AIR SAMPLES (BLDG 10 ID-1/SS-1 & BLDG 10 1D-2/SS-2)

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.

3. BUILDING 10 AIR SAMPLING DONE BETWEEN JULY 5 AND 6, 2007.

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 30 60 120

DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD

LOCKPORT, NEW YORK

BUILDING 10

FOCUSED ENVIRONMENTAL ASSESSMENT

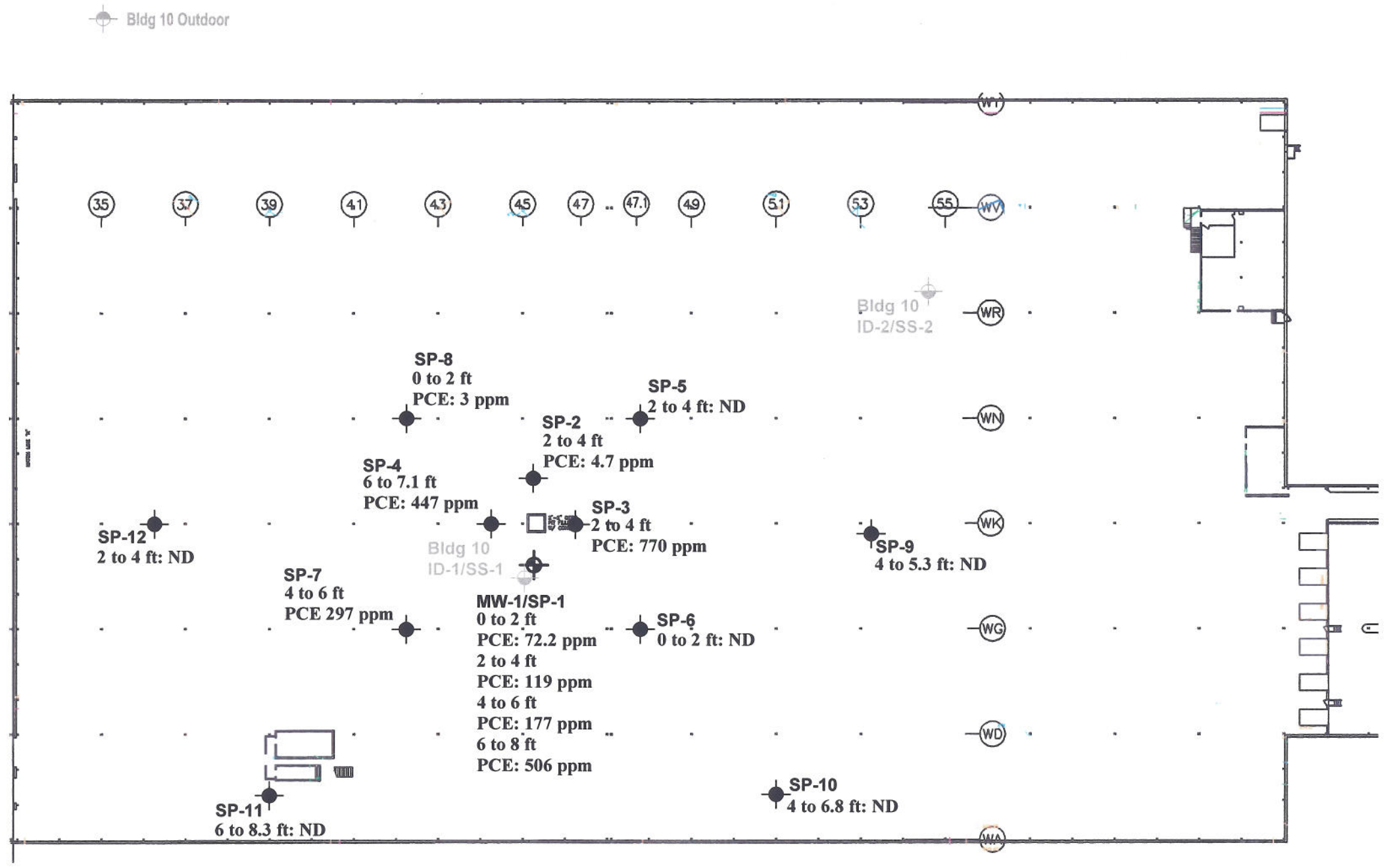
AIR SAMPLING LOCATIONS AND AIR SAMPLE RESULTS

PROJECT No.

21.0056340.00

FIGURE No.

2



LEGEND:

- Bldg 10 Outdoor — APPROXIMATE LOCATION AND DESIGNATION OF AMBIENT OUTDOOR AIR SAMPLE (1 LOCATION)
- MW-1/SP-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE AND MONITORING WELL (1 LOCATION)
- SP-4 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES (10 LOCATIONS)
- Bldg 10 ID-1/SS-1 — APPROXIMATE LOCATION AND DESIGNATION OF INTERIOR AIR AND SUB-SLAB AIR SAMPLES (2 LOCATIONS)

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.
3. ppm - parts per million
4. PCE - Tetrachloroethylene
5. ND - Non-Detect
6. PART 375 RESTRICTED COMMERCIAL SOIL CLEANUP OBJECTIVE: 150 ppm.
7. PART 375 RESTRICTED INDUSTRIAL SOIL CLEANUP OBJECTIVE: 300 ppm.
8. SOIL PROBES DONE ON JULY 10, 2007.

DRAWN BY: DEW
DATE: AUGUST 2007

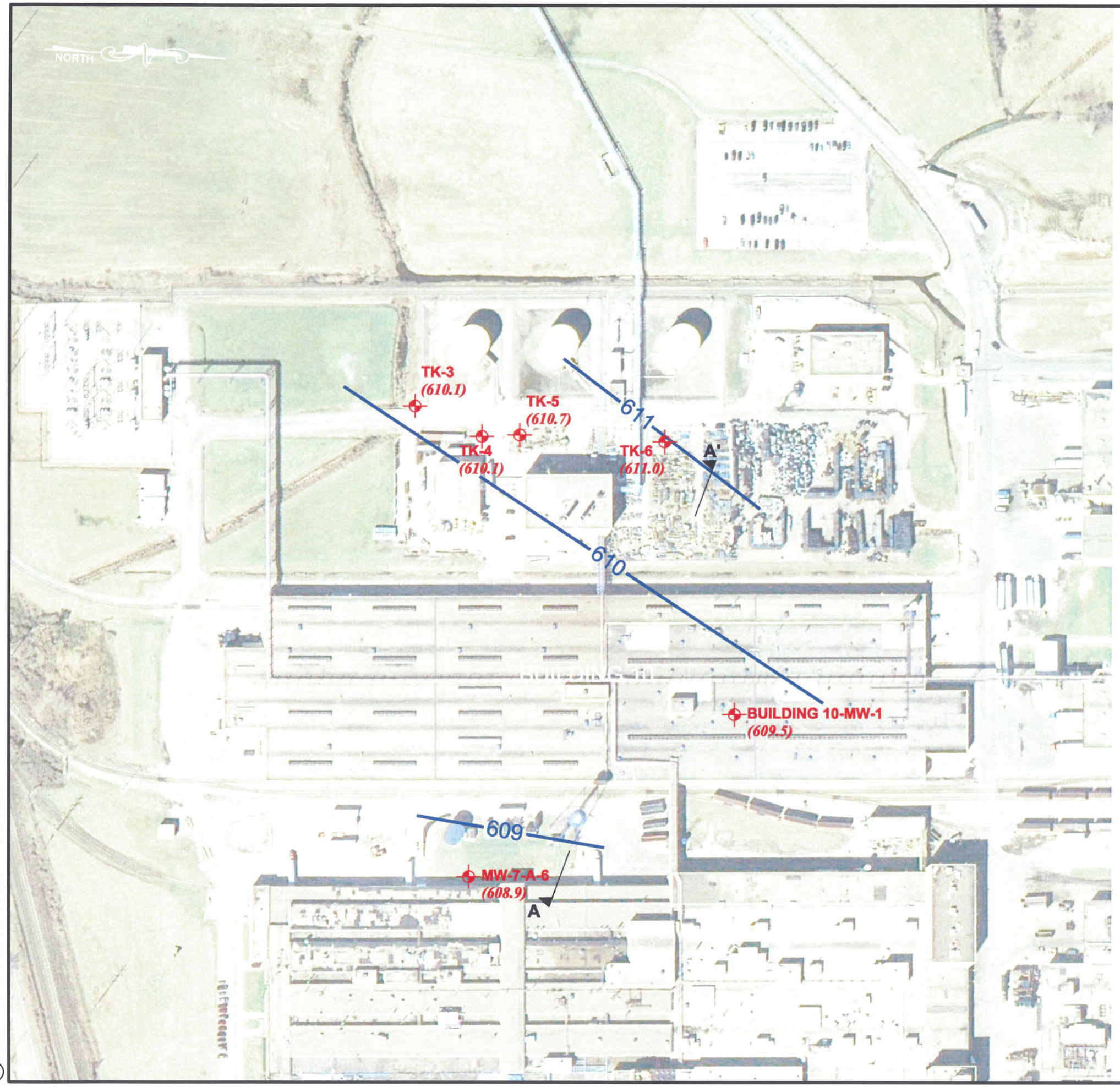
GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET
0 30 60 120

DELPHI THERMAL AND INTERIOR SYSTEMS
DELPHI LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 10
FOCUSED ENVIRONMENTAL ASSESSMENT
SOIL PROBE LOCATIONS AND SOIL SAMPLE RESULTS

PROJECT No.
21.0056340.00

FIGURE No.
3



LEGEND:

- TK-5 (610.7) — APPROXIMATE LOCATION AND DESIGNATION OF EXISTING MONITORING WELL WITH GROUNDWATER ELEVATION MEASURED ON JULY 18, 2007
- 609 — APPROXIMATE GROUNDWATER ELEVATION CONTOUR
- A — APPROXIMATE LOCATION AND DIRECTION OF CROSS SECTION A-A' (SEE FIGURE 5)

NOTES:

1. BASE MAP ADAPTED FROM A 2005 AERIAL PHOTOGRAPH DOWNLOADED FROM http://www.nysgis.state.ny.us/gateway/mg/interactive_main.html AND SITE OBSERVATIONS.

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

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 100 200 400

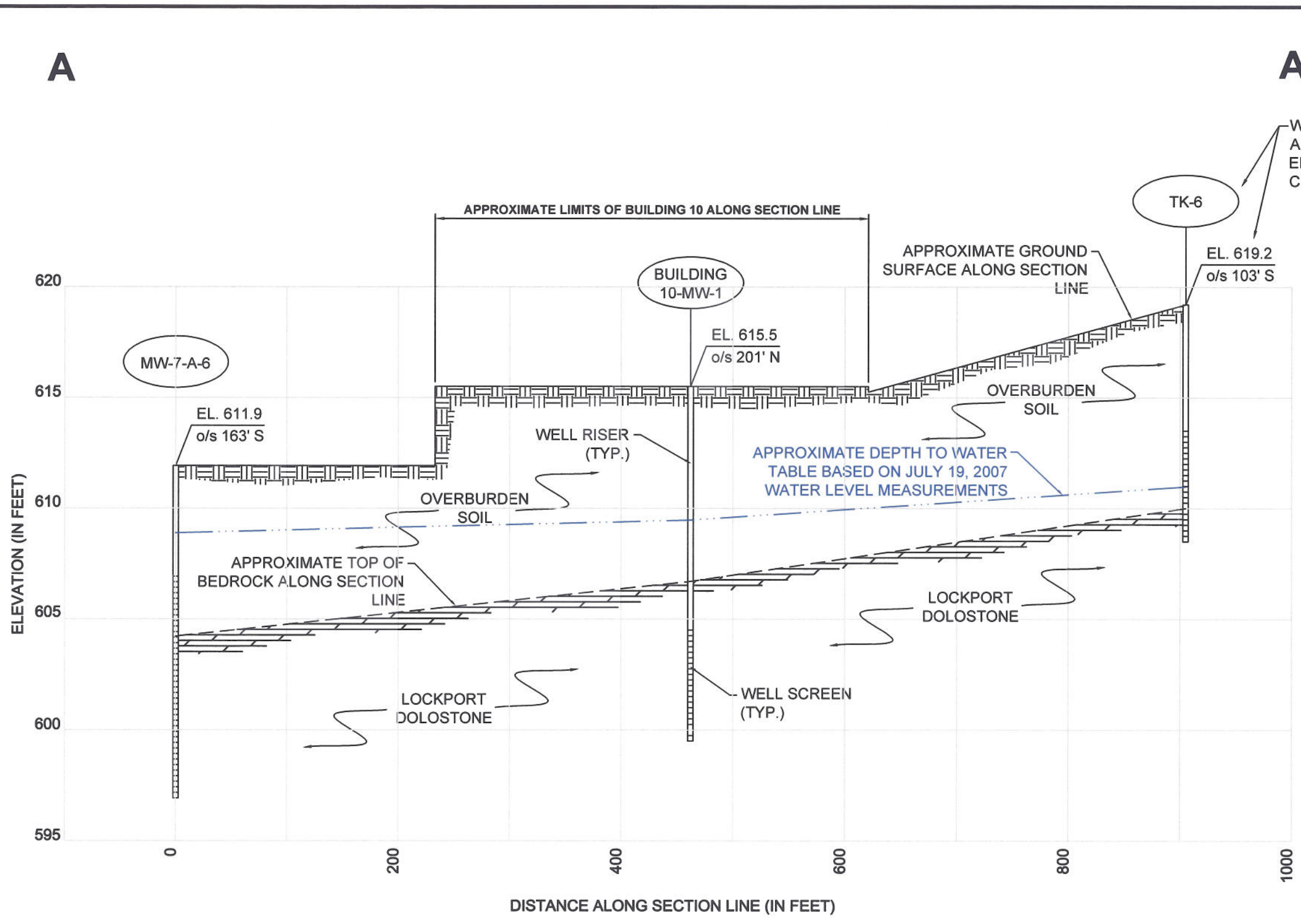
DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
BUILDING 10

FOCUSED ENVIRONMENTAL ASSESSMENT
GROUNDWATER CONTOUR PLAN JULY 19, 2007

PROJECT No.
21.0056340.00

FIGURE No.
4



NOTE:

1. THE ALIGNMENT OF SUBSURFACE CROSS SECTION A-A IS SHOWN ON FIGURE 4.

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

HORIZONTAL: 0 50 100 200

VERTICAL: 0 2.5 5 10

DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD

LOCKPORT, NEW YORK

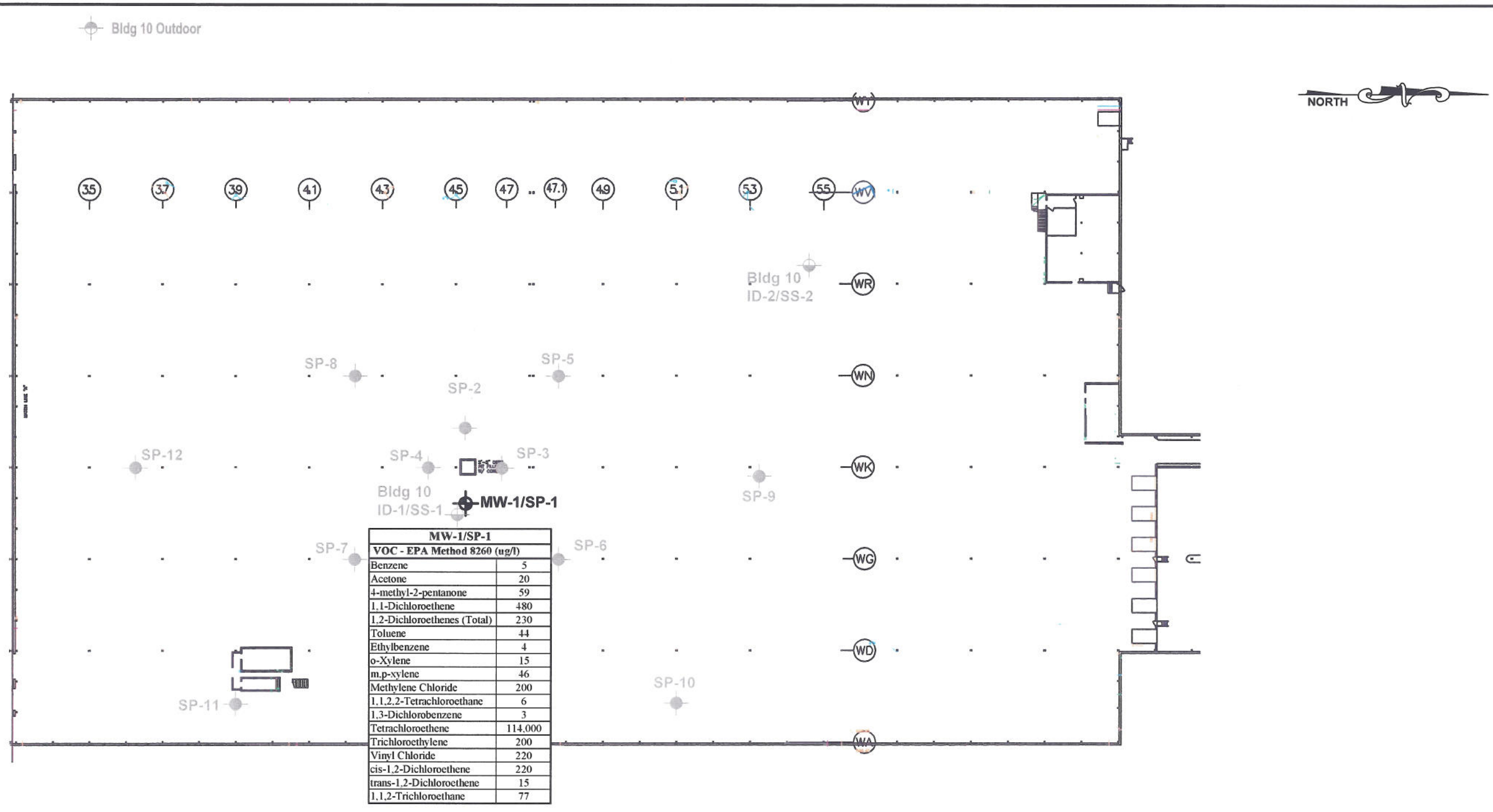
BUILDING 10

FOCUSED ENVIRONMENTAL ASSESSMENT

CROSS SECTION A-A'

PROJECT No. 21.0056340.00

FIGURE No. 5



MW-1/SP-1	
VOC - EPA Method 8260 (ug/l)	
Benzene	5
Acetone	20
4-methyl-2-pentanone	59
1,1-Dichloroethene	480
1,2-Dichloroethenes (Total)	230
Toluene	44
Ethylbenzene	4
o-Xylene	15
m,p-xylene	46
Methylene Chloride	200
1,1,2,2-Tetrachloroethane	6
1,3-Dichlorobenzene	3
Tetrachloroethene	114,000
Trichloroethylene	200
Vinyl Chloride	220
cis-1,2-Dichloroethene	220
trans-1,2-Dichloroethene	15
1,1,2-Trichloroethane	77

LEGEND:

Bldg 10 Outdoor — APPROXIMATE LOCATION AND DESIGNATION OF AMBIENT OUTDOOR AIR SAMPLE (1 LOCATION)

MW-1/SP-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE AND MONITORING WELL (1 LOCATION)

SP-4 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES (10 LOCATIONS)

Bldg 10 ID-1/SS-1 — APPROXIMATE LOCATION AND DESIGNATION OF INTERIOR AIR AND SUB-SLAB AIR SAMPLES (2 LOCATIONS)

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.

3. MONITORING WELL WAS INSTALLED ON JULY 12, 2007, AND THE GROUNDWATER SAMPLE WAS COLLECTED ON JULY 18, 2007.

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 30 60 120

DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

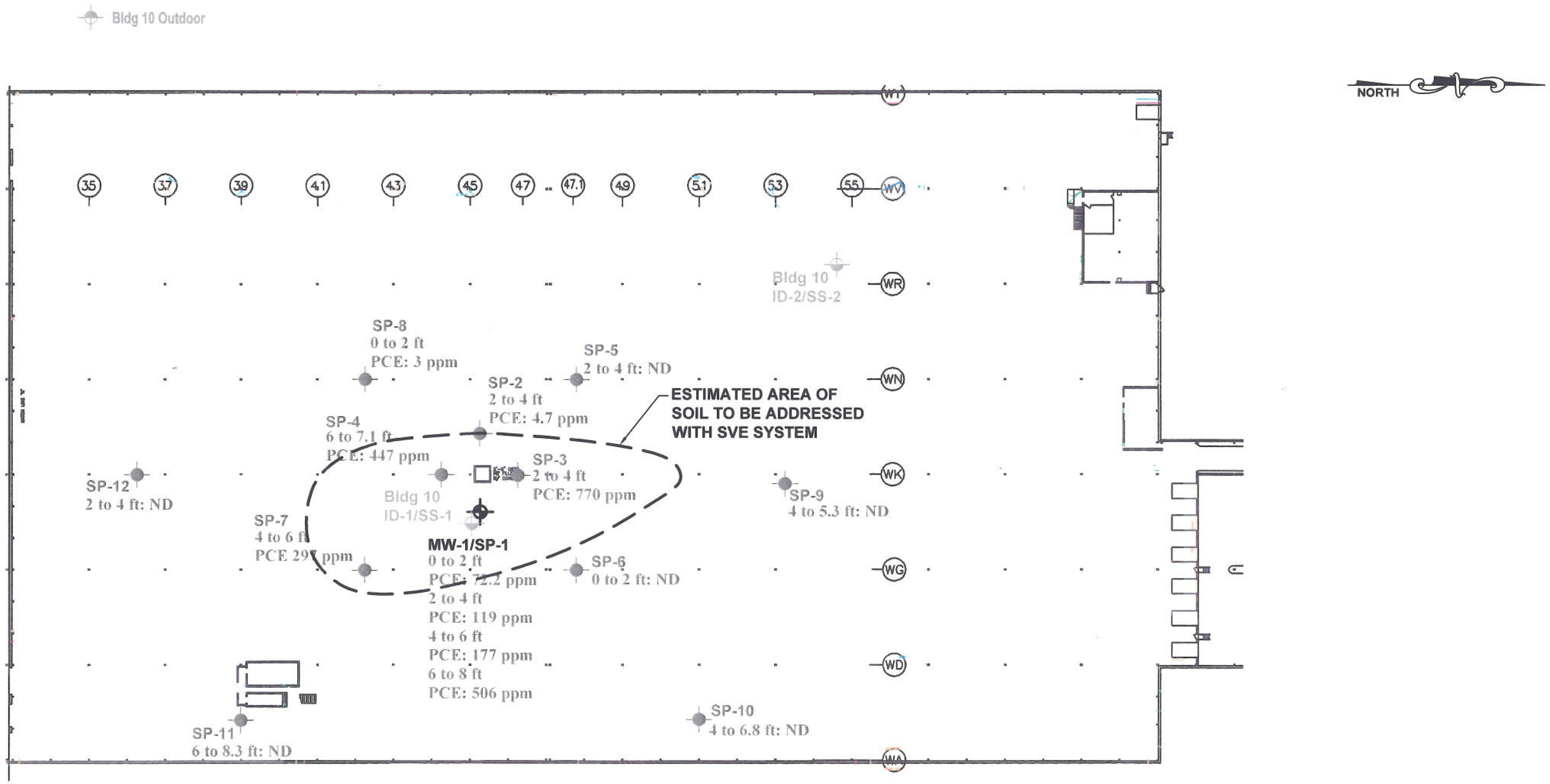
BUILDING 10

FOCUSED ENVIRONMENTAL ASSESSMENT

MONITORING WELL LOCATION AND GW SAMPLE RESULTS

PROJECT No.
21.0056340.00

FIGURE No.
6



LEGEND:

- Bldg 10 Outdoor — APPROXIMATE LOCATION AND DESIGNATION OF AMBIENT OUTDOOR AIR SAMPLE (1 LOCATION)
- MW-1/SP-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE AND MONITORING WELL (1 LOCATION)
- SP-4 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBES (10 LOCATIONS)
- Bldg 10 ID-1/SS-1 — APPROXIMATE LOCATION AND DESIGNATION OF INTERIOR AIR AND SUB-SLAB AIR SAMPLES (2 LOCATIONS)

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.
3. ppm - parts per million
4. PCE - Tetrachloroethylene
5. ND - Non-Detect
6. PART 375 RESTRICTED COMMERCIAL SOIL CLEANUP OBJECTIVE: 150 ppm.
7. PART 375 RESTRICTED INDUSTRIAL SOIL CLEANUP OBJECTIVE: 300 ppm.
8. SOIL PROBES DONE ON JULY 10, 2007.

DRAWN BY: DEW

DATE: AUGUST 2007

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET

0 30 60 120

DELPHI THERMAL AND INTERIOR SYSTEMS

DELPHI LOCKPORT FACILITY

200 UPPER MOUNTAIN ROAD, LOCKPORT, NEW YORK

BUILDING 10

FOCUSED ENVIRONMENTAL ASSESSMENT

ESTIMATED AREA OF SOIL TO BE ADDRESSED WITH SVE SYSTEM

PROJECT No.
21.0056340.00

FIGURE No.
7

ATTACHMENT 2

PRODUCT INVENTORY LISTS

CHEMICAL REQUESTS FOR IIR (updated 6/7/07)						
CHEMICAL NAME	REQUESTOR	DATE REQUEST REC'D	ROUTED TO	APPROVED (A), REJECTED (R), HOLD (H)	DATE RETURNED TO IIR	NOTES
R-4261-H	R. Stoll	11/30/2006	Cathy	A		
DC 12438 Hydra Fasten Adhesive Part A	R. Stoll	11/30/2006	Cathy	A		
B3014 w/biocide	R. Stoll	11/30/2006	Cathy	A		
R-4261	R. Stoll	11/30/2006	Cathy	A		
R-4241	R. Stoll	11/30/2006	Cathy	A		
R-425	R. Stoll	11/30/2006	Cathy	A		
R-341	R. Stoll	11/30/2006	Cathy	A		
2054	R. Stoll	11/30/2006	Cathy	A		
327	R. Stoll	11/30/2006	Cathy	A		
45-0801 Melojel	R. Stoll	11/30/2006	Cathy	A		
803313 PH	R. Stoll	11/30/2006	Cathy	A		
Furniture Polish	R. Stoll	2/31/07	Cindy	A		
Superflex Red High Temp RTV Silicone Adhesive Sealant	R. Stoll	2/31/07	Cindy	A		
GOJO Luxury Foam Anti-bacterial Handwash	R. Stoll	2/31/07	Cindy	A		
GP Forward SC General Purpose Cleaner	R. Stoll	2/31/07	Cindy	A		
Plaza Plus Floor Wax	R. Stoll	2/31/07	Cindy	A		
9-7LP241 Black Stripelac	R. Stoll	2/31/07	Cindy	A		
E-Z Denatured Solvent Alcohol	R. Stoll	2/31/07	Cindy	A		
Ball Point Markers	R. Stoll	2/31/07	Cindy	A		
All Weather Paintstik	R. Stoll	2/31/07	Greg	A		
Sprayon Food Grade Silicone Lube	R. Stoll	2/31/07	Greg	A		
Keystone Mix Grade C64-Bronze	R. Stoll	2/31/07	Greg	A		
Floor Dry, Super Fine, Diamloam (?)	R. Stoll	2/31/07	Greg	A		
CITGO A/W Hydraulic Oil 46	R. Stoll	2/31/07	Greg	A		
RTV 116-Tube Flowble Acetoxy Sealant (Red)	R. Stoll	2/31/07	Greg	A		
Armacell	E. Harder/L.Patterson	5/23/2007	Cathy	A	6/7/2007	This is a trial request. Environmental has recommended testing current product (Rubatex) & Armacell to insure waste disposal practices are appropriate. Metal banding & material used to pad corners will also be tested.

Products observed by J. Beninati during indoor air sampling on 7/5/07 that were not on the Chemical Request form provided by H. LaDue

WORK STATIONS

WD-40 – petroleum distillates
3M Super 77 Adhesive – acetone, hexane, non-volatile components
Betco Citrusolu Spray (degreaser) – MSDS 1-800-891-4965
White Petroleum Jelly
Betco – "Tilly" detergent
Betco Furniture Polish
Ball – "Jitter Bug" insecticide

FLAMMABLE MATERIAL STORAGE AREA (2 to 3 ppm)

Devflex QO Gloss
5-gallon Gas Containers

Yellow Storage Cabinet (3 to 4 ppm)

Approximately 60 items consisting of the following:
Various Paints
Various Oils
Degreasers
Rubber Cement
Unlabeled Plastic Containers

Along West Wall

55-gallon drum of "Used Oil" (3 to 4 ppm)

ATTACHMENT 3

SOIL PROBE & MONITORING WELL LOGS

GZA GEOENVIRONMENTAL OF NEW YORK
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-1
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		140
2		2 - 4				300
4				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.	Intermittent sandy lenses approx. 1/2" thick (3-4')	
	S-2	4 - 6	100	Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		600
6		6 - 8		Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		450
8				End of soil probe at 8 feet bgs,	Cutting shoe lost at 8 feet bgs.	
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		225
2		2 - 4		Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		200
4	S-2	4 - 6	100			170
6		6 - 8.4		Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist to wet.		40
8				Reddish brown, SILT, trace Sand, trace Gravel, wet.		
10				Refusal at 8.4 feet bgs.		
12						
14						
16						
18						
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 the equivalent of 100 ppm benzene in air.

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.

Probe No. BLDG-10-SP-2

GZA GEOENVIRONMENTAL OF NEW YORK
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-3
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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)
	S-1	0 - 2	100	Concrete slab to 11" below ground surface (bgs).		500
1				Subbase stone to 1' bgs.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
2				(Fill)		
		2 - 4				1,000
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
	S-2	4 - 6	100			425
5						
				Grades to:..some Sand.		
6						
		6 - 8.2		Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist		225
7				to wet.		
				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
8						
				Refusal at 8.2 feet bgs.		
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		90
2		2 - 4				150
4	S-2	4 - 6	100	Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		200
6		6 - 7.1		Reddish brown, Silty CLAY, some Sand, trace Gravel, moist to wet. Grades to:..trace Sand, moist.		600
7				Refusal at 7.1 feet bgs.		

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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-5
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		25
2		2 - 4				18
4				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
	S-2	4 - 4.5	0			
5				Refusal at 4.5 feet bgs.		
10						
15						
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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)
1	S-1	0 - 2	100	Concrete slab to 7" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		30
2		2 - 4				11
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4						
5	S-2	4 - 4.2	0	Refusal at 4.2 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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-7
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		70
1						
2		2 - 4				170
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4	S-2	4 - 6	100			450
5						
6		6 - 8.3		Grades to:..some Sand.		300
7						
8						
9				Refusal at 8.3 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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		50
1						
2		2 - 4				14
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4	S-2	4 - 6	100			10
5						
6		6 - 8.2		Grades to:..some Sand.		4
7						
8				Reddish brown, Clayey SILT, trace Sand, trace Gravel, wet.		
9				Refusal at 8.2 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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

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

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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)
1	S-1	0 - 2	60	Concrete slab to 9" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		20
2		2 - 4				40
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4	S-2	4 - 5.3	50			50
5						
6				Refusal at 5.3 feet bgs.		
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-10
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	_____ DATUM _____
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	50	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Dark reddish brown, fine to coarse SAND, trace Gravel, moist. (Fill)		4
1						
2		2 - 4				5
3						
4						
5	S-2	4 - 6	50	Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		8
6		6-6.8				
7				Refusal at 6.8 feet bgs.		
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

Probe No. BLDG-10-SP-11
SHEET 1 OF 1
FILE No. 21.0056340.0
CHECKED BY: CZB

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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	S-1	0 - 2	50	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Dark reddish brown,fine to medium SAND, trace Gravel, moist. (Fill)		2
2		2 - 4				5
4	S-2	4 - 6	80			3
6		6 - 8.3		Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		3
8						
10				Refusal at 8.3 feet bgs.		
12						
14						
16						
18						
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 the equivalent of 100 ppm benzene in air.

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
364 NAGEL DRIVE, BUFFALO, NEW YORK
ENGINEERS AND SCIENTISTS

Delphi Thermal Facility
Building 10
Lockport, New York

CONTRACTOR	TREC Environmental Services	BORING LOCATION	See Location Plan
DRILLER	S. Stockmaster	GROUND SURFACE ELEVATION	DATUM
START DATE 7/10/2007	END DATE 7/10/2007	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA

DATE	TIME	WATER	CASING

TYPE OF DRILL RIG	Geoprobe 54 LT
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 (%)			
1	S-1	0 - 2	100	Concrete slab to 8" below ground surface (bgs). Subbase stone to 1' bgs. Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist. (Fill)		6
2		2 - 4				10
3				Reddish brown, Silty CLAY, trace Sand, trace Gravel, moist.		
4	S-2	4 - 6	100			2
5				Grades to:..some Sand.		
6		6 - 8		Reddish brown, Clayey SILT, trace Sand, trace Gravel, moist.		4
7						
8						
9				Refusal at 8.2 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 the equivalent of 100 ppm benzene in air.

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
364 Nagel Drive, Buffalo, New York

DELPHI THERMAL
BUILDING 10 Focused Environmental Assessment
Lockport, New York

BORING No. Bldg 10 MW-1
SHEET 1 OF 1
FILE No. 21.0056340.00
CHECKED BY: CZB

CONTRACTOR	Earth Dimensions	BORING LOCATION	See Location Plan
DRILLER	Phil Benz	GROUND SURFACE ELEVATION	615.5 DATUM See Note 1.
START DATE: 7/12/07	END DATE: 7/12/07	GZA GEOENVIRONMENTAL REPRESENTATIVE	JMB

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	NOTES
7/12/07	16:30	5.43		
7/18/2007	10:00	5.55		

TYPE OF DRILL RIG	Dietrich D-50
CASING SIZE AND DIAMETER	2 1/4 " HSA
OVERBURDEN SAMPLING METHOD	NA
ROCK DRILLING METHOD	HQ Core Barrel

DEPTH	SAMPLE BLOWS (/6")	SAMPLE NO.	SAMPLE DEPTH (FT)	N-VALUE /RQD %	REC. (%)	SAMPLE DESCRIPTION	NOTES	MONITORING WELL INSTALLATION
1						Continuously augered through overburden material to bedrock refusal at 8.8 feet bgs. See BLDG-10-SP-1 soil probe log for soil description.	Flush mount Roadbox	
2								
3							Cement/Bentonite Grout	
4								
5							2-inch diameter PVC riser	
6								
7								
8							Bentonite Chips	
9		C-1	8.8-13.8	64	92	Hard, very slightly weathered, aphanitic, medium grey, LOCKPORT DOLOSTONE, slightly to moderately fractured, secondary mineralization, styliolitic.		
10								
11								
12								
13							10-slot well screen	
14		C-2	13.8-16	100	100		# 0 well sand	
15								
16							Bottom of well 16' bgs	
17								
18								

S - Split Spoon Sample
C - Rock Core Sample

NOTES:
1) Ground surface elevation data was provided by Delphi Thermal.
2) BGS= below ground surface.
3) NV= no value.

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.

Table 1
Analytical Testing Program Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Location	Date Collected	Depth/ Interval	VOCs EPA Method 8260 TCL	VOCs TO-15
Air Samples				
Bldg 10 ID-1	7/5/2007	~4 ft above floor grade		X
Bldg 10 ID-2	7/5/2007	~4 ft above floor grade		X
Bldg 10 SS-1	7/5/2007	~9 inches below floor grade		X
Bldg 10 SS-2	7/5/2007	~9 inches below floor grade		X
Bldg 10 Outdoor	7/5/2007	~4 ft above floor grade		X
Soil Samples				
SP-1	7/10/2007	0 to 2 ft bgs	X	
SP-1	7/10/2007	2 to 4 ft bgs	X	
SP-1	7/10/2007	4 to 6 ft bgs	X	
SP-1	7/10/2007	6 to 8 ft bgs	X	
SP-2	7/10/2007	2 to 4 ft bgs	X	
SP-3	7/10/2007	2 to 4 ft bgs	X	
SP-4	7/10/2007	6 to 7 ft bgs	X	
SP-5	7/10/2007	2 to 4 ft bgs	X	
SP-6	7/10/2007	0 to 2 ft bgs	X	
SP-7	7/10/2007	4 to 6 ft bgs	X	
SP-8	7/10/2007	0 to 2 ft bgs	X	
SP-9	7/10/2007	4 to 5.3 ft bgs	X	
SP-10	7/10/2007	4 to 6.8 ft bgs	X	
SP-11	7/10/2007	6 to 8.3 ft bgs	X	
SP-12	7/10/2007	2 to 4 ft bgs	X	
Groundwater Samples				
MW-1	7/18/2007	NA	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
Air Sampling Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Sample Location Sample Date	Bldg 10 ID-1 7/5/2007	Bldg 10 SS-1 7/5/2007	Bldg 10 ID-2 7/5/2007	Bldg 10 SS-2 7/5/2007	Bldg 10 Outdoor 7/5/2007
VOC - EPA Method TO-15 (ug/m^3)					
1,1-Dichloroethene		1,280			
1,2,4-Trimethylbenzene	7.59	11.0	2.75	9.49	1.75
1,3,5-Trimethylbenzene	7.05	6.75		6.15	
1,4-Dichlorobenzene	0.795	1.83	1.77	1.71	
2,2,4-Trimethylpentane		71.2			
4-ethyltoluene	2.60	2.50		2.35	
Acetone	23.2	1,000	32.4		28.7
Benzene	0.552	59.4	1.30	234	0.552
Carbon disulfide		55.1	0.538	53.8	
Carbon tetrachloride	0.512	0.767	0.512		0.512
Chloroform		250	0.993		
Chloromethane	0.693		0.903		0.756
cis-1,2-Dichloroethene	1.69	99,900	4.96	49.6	
Cyclohexane		178		2,170	
Ethyl acetate	0.696		8.06		
Ethylbenzene	0.353	10.6	0.706	10.6	
Freon 11	1.43	3.60	1.83	2.17	1.43
Freon 113		7.32	0.935	1.71	
Freon 12	2.46	2.31	2.56	1.31	2.56
Heptane		173		1,130	
Hexane	0.896	231	2.65	3,940	
Isopropyl alcohol			8.49		
m&p-Xylene	0.883	32.2	1.41	25.2	0.662
Methyl Ethyl Ketone	1.53		2.49		3.39
Methyl Isobutyl Ketone	0.791		0.874		
Methylene chloride	0.459	124	0.918	4.59	0.777
o-Xylene	0.618	9.71	0.927	8.83	0.618
Styrene		8.01	0.736	7.45	
Tetrachloroethylene	10.6	63,500	5.45	25.5	
Tetrahydrofuran		27.9	0.989		
Toluene	6.32	54.0	19.2	124	2.22
trans-1,2-Dichloroethene		4,990			
Trichloroethene	3.33	216,000	10.6	84.1	0.929
Vinyl chloride		10.9			

Notes:
1. Compounds were not detected in the samples presented on this table.
   Refer to Appendix D for list of all compounds included in analysis.
2. Analytical testing completed by Centek Laboroatories, in Syracuse, New York.
3. Shaded compounds exceed the Air Guidance Values from "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, prepared by New York State Department of Health..
4. ug/m^3 = micrograms per cubic meter.
5. Blank indicates compound was not detected.

Table 3
Soil Sampling Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Parameter	NYSDEC Part 375 Industrial SCO	Bldg 10 SP-1 0 to 2 ft bgs	Bldg 10 SP-1 2 to 4 ft bgs	Bldg 10 SP-1 4 to 6 ft bgs	Bldg 10 SP-1 6 to 8 ft bgs	Bldg 10 SP-2 2 to 4 ft bgs	Bldg 10 SP-3 2 to 4 ft bgs	Bldg 10 SP-4 6 to 7.1 ft bgs	Bldg 10 SP-5 2 to 4 ft bgs	Bldg 10 SP-6 0 to 2 ft bgs	Bldg 10 SP-7 4 to 6 ft bgs	Bldg 10 SP-8 0 to 2 ft bgs	Bldg 10 SP-9 4 to 5.3 ft bgs	Bldg 10 SP-10 4 to 6.8 ft bgs	Bldg 10 SP-11 6 to 8.3 ft bgs	Bldg 10 SP-12 2 to 4 ft bgs
VOC - EPA Method 8260 (mg/kg)																
Tetrachloroethene	300	72.2	119	177	506	4.7	770	447			297	3				

Notes:

1. Compounds detected in one or more samples are presented on this table.
   Refer to Attachment D for list of all compounds included in analysis.
2. Analytical testing completed by Free-Col Laboratories.
3. Soil cleanup objectives (SCOs) based on the NYSDEC Part 375 Industrial Soil Cleanup objectives.
4. mg/kg = part per million (ppm).
5. Blank indicates compound was not detected.
6. Shading indicates values exceeding guidance criteria.

Table 4
Groundwater Sample Analytical Testing Results Summary
Focused Environmental Assessment
Delphi Thermal Building 10
Lockport, New York

Parameter	NYSDEC Class GA Criteria	BLDG 10 MW-1
VOC - EPA Method 8260 (ug/l)		
Benzene	1	5
Acetone	50	20
4-methyl-2-pentanone	NV	59
1,1-Dichloroethene	5	480
1,2-Dichloroethenes (Total)	5	230
Toluene	5	44
Ethylbenzene	5	4
o-Xylene	5	15
m,p-xylene	5	46
Methylene Chloride	5	200
1,1,2,2-Tetrachloroethane	5	6
1,3-Dichlorobenzene	3	3
Tetrachloroethene	5	114,000
Trichloroethylene	5	200
Vinyl Chloride	1	220
cis-1,2-Dichloroethene	5	220
trans-1,2-Dichloroethene	5	15
1,1,2-Trichloroethane	1	77

Notes:
1. Compounds detected in one or more samples are presented on this table.
2. Analytical testing completed by Free-Col Laboratories.
3. NYSDEC Class GA criteria obtained from 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.
4. ug/kg = part per billion (ppb).
5. Blank indicates compound was not detected.
6. Shading indicates values exceeding guidance criteria.

ATTACHMENT 5

ANALYTICAL LABORATORY REPORT

CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Fax (315) 431-9731 * Emergency 24/7 (315) 416-2751

NELAC Certifacate No. 11830

www.CentekLabs.com

Tuesday, July 17, 2007

Mr. Chris Boron
GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

TEL: 716-685-2300
FAX 716-685-3629

RE: Delphi Thermial

Dear Mr. Chris Boron:

Order No.: C0707003

Centek Laboratories, LLC received 5 sample(s) on 7/10/2007 for the analyses presented in the following report.

Analytical results relate to samples as received at laboratory. We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services.

Centek Laboratories is distinctively qualified to meet your needs for precise and timely volatile organic compound analysis. We perform all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service.

Please contact your client service representative, Michael Palmer at (315) 431-9730, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

Michael Palmer
Director of Client Services

Centek Laboratories, LLC **Date:** *18-Jul-07*

CLIENT: GZA GeoEnvironmental of NY
Project: Delphi Thermial
Lab Order: C0707003

CASE NARRATIVE

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

Centek Laboratories, LLC

143 Midler Park Drive
Syracuse, NY 13206
Phone: 315-431-9730 Fax: 315-431-9731 Emergency: 315-416-2751 / 416-2752

Chain of Custody

Site Name: Delphi Thermal
Project: Lockport NY
PO#:
Other:

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☐ 1ug/M3	☑ Level II
☒ 1ug/M3 +TCE .25	☐ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	7/16/07
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: GZA GeoEnvironmental
Report: Chris Boiron
Phone: 716-685-2300 Ext 3309
Fax: 716-685-3629
Email: cboiron@gza.com

Company: SAME
Invoice:
Phone:
Fax:
Email:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
Bldg 10 SS-1	7/5/07	366	258	TO-15		
Bldg 10 ID-1		94	339			
Bldg 10 SS-2		459	393			
Bldg 10 ID-2		415	295			
Bldg 10 Outdoor		324	254			

Chain of Custody	Print Name	Signature	Date/Time	Courier:
Sampled by:	JOHN BENINATI		7/5/07	
Relinquished by:			7/9/07	
Received at Lab by:			7/10/07	

www.CentekLabs.com

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10SS-1
Lab Order:	C0707003	**Tag Number:**	366,258
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	7/13/2007
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,1-Dichloroethene	1280	193		ug/m3	320	7/16/2007
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	7/13/2007
1,2,4-Trimethylbenzene	11.0	7.49		ug/m3	10	7/13/2007
1,2-Dibromoethane	ND	1.17		ug/m3	1	7/13/2007
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,2-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,2-Dichloropropane	ND	0.705		ug/m3	1	7/13/2007
1,3,5-Trimethylbenzene	6.75	0.750		ug/m3	1	7/13/2007
1,3-butadiene	ND	0.337		ug/m3	1	7/13/2007
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dichlorobenzene	1.83	0.917		ug/m3	1	7/13/2007
1,4-Dioxane	ND	1.10		ug/m3	1	7/13/2007
2,2,4-trimethylpentane	71.2	7.12		ug/m3	10	7/13/2007
4-ethyltoluene	2.50	0.750		ug/m3	1	7/13/2007
Acetone	1000	232		ug/m3	320	7/16/2007
Allyl chloride	ND	0.477		ug/m3	1	7/13/2007
Benzene	59.4	4.87		ug/m3	10	7/13/2007
Benzyl chloride	ND	0.877		ug/m3	1	7/13/2007
Bromodichloromethane	ND	1.02		ug/m3	1	7/13/2007
Bromoform	ND	1.58		ug/m3	1	7/13/2007
Bromomethane	ND	0.592		ug/m3	1	7/13/2007
Carbon disulfide	55.1	4.75		ug/m3	10	7/13/2007
Carbon tetrachloride	0.767	0.256		ug/m3	1	7/13/2007
Chlorobenzene	ND	0.702		ug/m3	1	7/13/2007
Chloroethane	ND	0.402		ug/m3	1	7/13/2007
Chloroform	250	29.8		ug/m3	40	7/13/2007
Chloromethane	ND	0.315		ug/m3	1	7/13/2007
cis-1,2-Dichloroethene	99900	12400		ug/m3	20480	7/16/2007
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Cyclohexane	178	21.0		ug/m3	40	7/13/2007
Dibromochloromethane	ND	1.30		ug/m3	1	7/13/2007
Ethyl acetate	ND	0.916		ug/m3	1	7/13/2007
Ethylbenzene	10.6	6.62		ug/m3	10	7/13/2007
Freon 11	3.60	0.857		ug/m3	1	7/13/2007
Freon 113	7.32	1.17		ug/m3	1	7/13/2007
Freon 114	ND	1.07		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10SS-1
Lab Order:	C0707003	**Tag Number:**	366,258
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
Freon 12	2.31	0.754		ug/m3	1	7/13/2007
Heptane	173	25.0		ug/m3	40	7/13/2007
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	7/13/2007
Hexane	231	21.5		ug/m3	40	7/13/2007
Isopropyl alcohol	ND	0.375		ug/m3	1	7/13/2007
m&p-Xylene	32.2	13.2		ug/m3	10	7/13/2007
Methyl Butyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	7/13/2007
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl tert-butyl ether	ND	0.550		ug/m3	1	7/13/2007
Methylene chloride	124	21.2		ug/m3	40	7/13/2007
o-Xylene	9.71	6.62		ug/m3	10	7/13/2007
Propylene	ND	0.262		ug/m3	1	7/13/2007
Styrene	8.01	0.649		ug/m3	1	7/13/2007
Tetrachloroethylene	63500	5300		ug/m3	5120	7/16/2007
Tetrahydrofuran	27.9	4.50		ug/m3	10	7/13/2007
Toluene	54.0	5.75		ug/m3	10	7/13/2007
trans-1,2-Dichloroethene	4990	621		ug/m3	1024	7/16/2007
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Trichloroethene	216000	4470		ug/m3	20480	7/16/2007
Vinyl acetate	ND	0.537		ug/m3	1	7/13/2007
Vinyl Bromide	ND	0.667		ug/m3	1	7/13/2007
Vinyl chloride	10.9	3.90		ug/m3	10	7/13/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 ID-1
Lab Order:	C0707003	**Tag Number:**	94,339
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	7/13/2007
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,1-Dichloroethene	ND	0.605		ug/m3	1	7/13/2007
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	7/13/2007
1,2,4-Trimethylbenzene	7.59	0.749		ug/m3	1	7/13/2007
1,2-Dibromoethane	ND	1.17		ug/m3	1	7/13/2007
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,2-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,2-Dichloropropane	ND	0.705		ug/m3	1	7/13/2007
1,3,5-Trimethylbenzene	7.05	0.750		ug/m3	1	7/13/2007
1,3-butadiene	ND	0.337		ug/m3	1	7/13/2007
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dichlorobenzene	0.795	0.917	J	ug/m3	1	7/13/2007
1,4-Dioxane	ND	1.10		ug/m3	1	7/13/2007
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	7/13/2007
4-ethyltoluene	2.60	0.750		ug/m3	1	7/13/2007
Acetone	23.2	7.24		ug/m3	10	7/13/2007
Allyl chloride	ND	0.477		ug/m3	1	7/13/2007
Benzene	0.552	0.487		ug/m3	1	7/13/2007
Benzyl chloride	ND	0.877		ug/m3	1	7/13/2007
Bromodichloromethane	ND	1.02		ug/m3	1	7/13/2007
Bromoform	ND	1.58		ug/m3	1	7/13/2007
Bromomethane	ND	0.592		ug/m3	1	7/13/2007
Carbon disulfide	ND	0.475		ug/m3	1	7/13/2007
Carbon tetrachloride	0.512	0.256		ug/m3	1	7/13/2007
Chlorobenzene	ND	0.702		ug/m3	1	7/13/2007
Chloroethane	ND	0.402		ug/m3	1	7/13/2007
Chloroform	ND	0.744		ug/m3	1	7/13/2007
Chloromethane	0.693	0.315		ug/m3	1	7/13/2007
cis-1,2-Dichloroethene	1.69	0.604		ug/m3	1	7/13/2007
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Cyclohexane	ND	0.525		ug/m3	1	7/13/2007
Dibromochloromethane	ND	1.30		ug/m3	1	7/13/2007
Ethyl acetate	0.696	0.916	J	ug/m3	1	7/13/2007
Ethylbenzene	0.353	0.662	J	ug/m3	1	7/13/2007
Freon 11	1.43	0.857		ug/m3	1	7/13/2007
Freon 113	ND	1.17		ug/m3	1	7/13/2007
Freon 114	ND	1.07		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 ID-1
Lab Order:	C0707003	**Tag Number:**	94,339
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
Freon 12	2.46	0.754		ug/m3	1	7/13/2007
Heptane	ND	0.625		ug/m3	1	7/13/2007
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	7/13/2007
Hexane	0.896	0.537		ug/m3	1	7/13/2007
Isopropyl alcohol	ND	0.375		ug/m3	1	7/13/2007
m&p-Xylene	0.883	1.32	J	ug/m3	1	7/13/2007
Methyl Butyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl Ethyl Ketone	1.53	0.899		ug/m3	1	7/13/2007
Methyl Isobutyl Ketone	0.791	1.25	J	ug/m3	1	7/13/2007
Methyl tert-butyl ether	ND	0.550		ug/m3	1	7/13/2007
Methylene chloride	0.459	0.530	J	ug/m3	1	7/13/2007
o-Xylene	0.618	0.662	J	ug/m3	1	7/13/2007
Propylene	ND	0.262		ug/m3	1	7/13/2007
Styrene	ND	0.649		ug/m3	1	7/13/2007
Tetrachloroethylene	10.6	1.03		ug/m3	1	7/13/2007
Tetrahydrofuran	ND	0.450		ug/m3	1	7/13/2007
Toluene	6.32	0.575		ug/m3	1	7/13/2007
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	7/13/2007
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Trichloroethene	3.33	0.218		ug/m3	1	7/13/2007
Vinyl acetate	ND	0.537		ug/m3	1	7/13/2007
Vinyl Bromide	ND	0.667		ug/m3	1	7/13/2007
Vinyl chloride	ND	0.390		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 SS-2
Lab Order:	C0707003	**Tag Number:**	459,393
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	7/13/2007
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,1-Dichloroethene	ND	0.605		ug/m3	1	7/13/2007
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	7/13/2007
1,2,4-Trimethylbenzene	9.49	7.49		ug/m3	10	7/13/2007
1,2-Dibromoethane	ND	1.17		ug/m3	1	7/13/2007
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,2-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,2-Dichloropropane	ND	0.705		ug/m3	1	7/13/2007
1,3,5-Trimethylbenzene	6.15	0.750		ug/m3	1	7/13/2007
1,3-butadiene	ND	0.337		ug/m3	1	7/13/2007
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dichlorobenzene	1.71	0.917		ug/m3	1	7/13/2007
1,4-Dioxane	ND	1.10		ug/m3	1	7/13/2007
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	7/13/2007
4-ethyltoluene	2.35	0.750		ug/m3	1	7/13/2007
Acetone	ND	0.724		ug/m3	1	7/13/2007
Allyl chloride	ND	0.477		ug/m3	1	7/13/2007
Benzene	234	19.5		ug/m3	40	7/13/2007
Benzyl chloride	ND	0.877		ug/m3	1	7/13/2007
Bromodichloromethane	ND	1.02		ug/m3	1	7/13/2007
Bromoform	ND	1.58		ug/m3	1	7/13/2007
Bromomethane	ND	0.592		ug/m3	1	7/13/2007
Carbon disulfide	53.8	4.75		ug/m3	10	7/13/2007
Carbon tetrachloride	ND	0.256		ug/m3	1	7/13/2007
Chlorobenzene	ND	0.702		ug/m3	1	7/13/2007
Chloroethane	ND	0.402		ug/m3	1	7/13/2007
Chloroform	ND	0.744		ug/m3	1	7/13/2007
Chloromethane	ND	0.315		ug/m3	1	7/13/2007
cis-1,2-Dichloroethene	49.6	6.04		ug/m3	10	7/13/2007
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Cyclohexane	2170	168		ug/m3	320	7/16/2007
Dibromochloromethane	ND	1.30		ug/m3	1	7/13/2007
Ethyl acetate	ND	0.916		ug/m3	1	7/13/2007
Ethylbenzene	10.6	6.62		ug/m3	10	7/13/2007
Freon 11	2.17	0.857		ug/m3	1	7/13/2007
Freon 113	1.71	1.17		ug/m3	1	7/13/2007
Freon 114	ND	1.07		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 SS-2
Lab Order:	C0707003	**Tag Number:**	459,393
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-003A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: **LL**
Freon 12	1.31	0.754		ug/m3	1	7/13/2007
Heptane	1130	100		ug/m3	160	7/16/2007
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	7/13/2007
Hexane	3940	344		ug/m3	640	7/16/2007
Isopropyl alcohol	ND	0.375		ug/m3	1	7/13/2007
m&p-Xylene	25.2	13.2		ug/m3	10	7/13/2007
Methyl Butyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	7/13/2007
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl tert-butyl ether	ND	0.550		ug/m3	1	7/13/2007
Methylene chloride	4.59	0.530		ug/m3	1	7/13/2007
o-Xylene	8.83	6.62		ug/m3	10	7/13/2007
Propylene	ND	0.262		ug/m3	1	7/13/2007
Styrene	7.45	0.649		ug/m3	1	7/13/2007
Tetrachloroethylene	25.5	10.3		ug/m3	10	7/13/2007
Tetrahydrofuran	ND	0.450		ug/m3	1	7/13/2007
Toluene	124	23.0		ug/m3	40	7/13/2007
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	7/13/2007
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Trichloroethene	84.1	2.18		ug/m3	10	7/13/2007
Vinyl acetate	ND	0.537		ug/m3	1	7/13/2007
Vinyl Bromide	ND	0.667		ug/m3	1	7/13/2007
Vinyl chloride	ND	0.390		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 ID-2
Lab Order:	C0707003	**Tag Number:**	415,295
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	7/13/2007
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,1-Dichloroethene	ND	0.605		ug/m3	1	7/13/2007
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	7/13/2007
1,2,4-Trimethylbenzene	2.75	0.749		ug/m3	1	7/13/2007
1,2-Dibromoethane	ND	1.17		ug/m3	1	7/13/2007
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,2-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,2-Dichloropropane	ND	0.705		ug/m3	1	7/13/2007
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	7/13/2007
1,3-butadiene	ND	0.337		ug/m3	1	7/13/2007
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dichlorobenzene	1.77	0.917		ug/m3	1	7/13/2007
1,4-Dioxane	ND	1.10		ug/m3	1	7/13/2007
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	7/13/2007
4-ethyltoluene	ND	0.750		ug/m3	1	7/13/2007
Acetone	32.4	7.24		ug/m3	10	7/13/2007
Allyl chloride	ND	0.477		ug/m3	1	7/13/2007
Benzene	1.30	0.487		ug/m3	1	7/13/2007
Benzyl chloride	ND	0.877		ug/m3	1	7/13/2007
Bromodichloromethane	ND	1.02		ug/m3	1	7/13/2007
Bromoform	ND	1.58		ug/m3	1	7/13/2007
Bromomethane	ND	0.592		ug/m3	1	7/13/2007
Carbon disulfide	0.538	0.475		ug/m3	1	7/13/2007
Carbon tetrachloride	0.512	0.256		ug/m3	1	7/13/2007
Chlorobenzene	ND	0.702		ug/m3	1	7/13/2007
Chloroethane	ND	0.402		ug/m3	1	7/13/2007
Chloroform	0.993	0.744		ug/m3	1	7/13/2007
Chloromethane	0.903	0.315		ug/m3	1	7/13/2007
cis-1,2-Dichloroethene	4.96	0.604		ug/m3	1	7/13/2007
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Cyclohexane	ND	0.525		ug/m3	1	7/13/2007
Dibromochloromethane	ND	1.30		ug/m3	1	7/13/2007
Ethyl acetate	8.06	9.16	J	ug/m3	10	7/13/2007
Ethylbenzene	0.706	0.662		ug/m3	1	7/13/2007
Freon 11	1.83	0.857		ug/m3	1	7/13/2007
Freon 113	0.935	1.17	J	ug/m3	1	7/13/2007
Freon 114	ND	1.07		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 ID-2
Lab Order:	C0707003	**Tag Number:**	415,295
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-004A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
Freon 12	2.56	0.754		ug/m3	1	7/13/2007
Heptane	ND	0.625		ug/m3	1	7/13/2007
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	7/13/2007
Hexane	2.65	0.537		ug/m3	1	7/13/2007
Isopropyl alcohol	8.49	3.75		ug/m3	10	7/13/2007
m&p-Xylene	1.41	1.32		ug/m3	1	7/13/2007
Methyl Butyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl Ethyl Ketone	2.49	0.899		ug/m3	1	7/13/2007
Methyl Isobutyl Ketone	0.874	1.25	J	ug/m3	1	7/13/2007
Methyl tert-butyl ether	ND	0.550		ug/m3	1	7/13/2007
Methylene chloride	0.918	0.530		ug/m3	1	7/13/2007
o-Xylene	0.927	0.662		ug/m3	1	7/13/2007
Propylene	ND	0.262		ug/m3	1	7/13/2007
Styrene	0.736	0.649		ug/m3	1	7/13/2007
Tetrachloroethylene	5.45	1.03		ug/m3	1	7/13/2007
Tetrahydrofuran	0.989	0.450		ug/m3	1	7/13/2007
Toluene	19.2	5.75		ug/m3	10	7/13/2007
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	7/13/2007
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Trichloroethene	10.6	0.218		ug/m3	1	7/13/2007
Vinyl acetate	ND	0.537		ug/m3	1	7/13/2007
Vinyl Bromide	ND	0.667		ug/m3	1	7/13/2007
Vinyl chloride	ND	0.390		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 OUTDOOR
Lab Order:	C0707003	**Tag Number:**	324,254
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: **LL**
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	7/13/2007
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	7/13/2007
1,1-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,1-Dichloroethene	ND	0.605		ug/m3	1	7/13/2007
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	7/13/2007
1,2,4-Trimethylbenzene	1.75	0.749		ug/m3	1	7/13/2007
1,2-Dibromoethane	ND	1.17		ug/m3	1	7/13/2007
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,2-Dichloroethane	ND	0.617		ug/m3	1	7/13/2007
1,2-Dichloropropane	ND	0.705		ug/m3	1	7/13/2007
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	7/13/2007
1,3-butadiene	ND	0.337		ug/m3	1	7/13/2007
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	7/13/2007
1,4-Dioxane	ND	1.10		ug/m3	1	7/13/2007
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	7/13/2007
4-ethyltoluene	ND	0.750		ug/m3	1	7/13/2007
Acetone	28.7	7.24		ug/m3	10	7/13/2007
Allyl chloride	ND	0.477		ug/m3	1	7/13/2007
Benzene	0.552	0.487		ug/m3	1	7/13/2007
Benzyl chloride	ND	0.877		ug/m3	1	7/13/2007
Bromodichloromethane	ND	1.02		ug/m3	1	7/13/2007
Bromoform	ND	1.58		ug/m3	1	7/13/2007
Bromomethane	ND	0.592		ug/m3	1	7/13/2007
Carbon disulfide	ND	0.475		ug/m3	1	7/13/2007
Carbon tetrachloride	0.512	0.256		ug/m3	1	7/13/2007
Chlorobenzene	ND	0.702		ug/m3	1	7/13/2007
Chloroethane	ND	0.402		ug/m3	1	7/13/2007
Chloroform	ND	0.744		ug/m3	1	7/13/2007
Chloromethane	0.756	0.315		ug/m3	1	7/13/2007
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	7/13/2007
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Cyclohexane	ND	0.525		ug/m3	1	7/13/2007
Dibromochloromethane	ND	1.30		ug/m3	1	7/13/2007
Ethyl acetate	ND	0.916		ug/m3	1	7/13/2007
Ethylbenzene	ND	0.662		ug/m3	1	7/13/2007
Freon 11	1.43	0.857		ug/m3	1	7/13/2007
Freon 113	ND	1.17		ug/m3	1	7/13/2007
Freon 114	ND	1.07		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *17-Jul-07*

CLIENT:	GZA GeoEnvironmental of NY	**Client Sample ID:**	Bldg10 OUTDOOR
Lab Order:	C0707003	**Tag Number:**	324,254
Project:	Delphi Thermial	**Collection Date:**	7/5/2007
Lab ID:	C0707003-005A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 CT&TCE BY METHOD TO1		**TO-15**				Analyst: LL
Freon 12	2.56	0.754		ug/m3	1	7/13/2007
Heptane	ND	0.625		ug/m3	1	7/13/2007
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	7/13/2007
Hexane	ND	0.537		ug/m3	1	7/13/2007
Isopropyl alcohol	ND	0.375		ug/m3	1	7/13/2007
m&p-Xylene	0.662	1.32	J	ug/m3	1	7/13/2007
Methyl Butyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl Ethyl Ketone	3.39	0.899		ug/m3	1	7/13/2007
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	7/13/2007
Methyl tert-butyl ether	ND	0.550		ug/m3	1	7/13/2007
Methylene chloride	0.777	0.530		ug/m3	1	7/13/2007
o-Xylene	0.618	0.662	J	ug/m3	1	7/13/2007
Propylene	ND	0.262		ug/m3	1	7/13/2007
Styrene	ND	0.649		ug/m3	1	7/13/2007
Tetrachloroethylene	ND	1.03		ug/m3	1	7/13/2007
Tetrahydrofuran	ND	0.450		ug/m3	1	7/13/2007
Toluene	2.22	0.575		ug/m3	1	7/13/2007
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	7/13/2007
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	7/13/2007
Trichloroethene	0.929	0.218		ug/m3	1	7/13/2007
Vinyl acetate	ND	0.537		ug/m3	1	7/13/2007
Vinyl Bromide	ND	0.667		ug/m3	1	7/13/2007
Vinyl chloride	ND	0.390		ug/m3	1	7/13/2007

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected at or below quantitation limits
- JN Non-routine analyte. Quantitation estimated.
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **MB1UT-071307** SampType: **MBLK** TestCode: **0.25CT-TCE_** Units: **ppbV** Prep Date: RunNo: **1070**
Client ID: **ZZZZZ** Batch ID: **R1070** TestNo: **TO-15** Analysis Date: **7/13/2007** SeqNo: **17544**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **MB1UT-071307**	SampType: **MBLK**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1070**
Client ID: **ZZZZZ**	Batch ID: **R1070**	TestNo: **TO-15**		Analysis Date: **7/13/2007**	SeqNo: **17544**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **MB1UT-071307**	SampType: **MBLK**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1070**
Client ID: **ZZZZZ**	Batch ID: **R1070**	TestNo: **TO-15**		Analysis Date: **7/13/2007**	SeqNo: **17544**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.150									
Surr: Bromofluorobenzene	0.7300	0	1	0	73.0	70	130				

Sample ID: **MB1UT-071607**	SampType: **MBLK**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1071**
Client ID: **ZZZZZ**	Batch ID: **R1071**	TestNo: **TO-15**		Analysis Date: **7/16/2007**	SeqNo: **17558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.150									
1,1,2,2-Tetrachloroethane	ND	0.150									
1,1,2-Trichloroethane	ND	0.150									
1,1-Dichloroethane	ND	0.150									
1,1-Dichloroethene	ND	0.150									
1,2,4-Trichlorobenzene	ND	0.150									
1,2,4-Trimethylbenzene	ND	0.150									
1,2-Dibromoethane	ND	0.150									
1,2-Dichlorobenzene	ND	0.150									
1,2-Dichloroethane	ND	0.150									
1,2-Dichloropropane	ND	0.150									
1,3,5-Trimethylbenzene	ND	0.150									
1,3-butadiene	ND	0.150									
1,3-Dichlorobenzene	ND	0.150									
1,4-Dichlorobenzene	ND	0.150									
1,4-Dioxane	ND	0.300									
2,2,4-trimethylpentane	ND	0.150									
4-ethyltoluene	ND	0.150									
Acetone	ND	0.300									
Allyl chloride	ND	0.150									
Benzene	ND	0.150									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **MB1UT-071607**	SampType: **MBLK**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1071**
Client ID: **ZZZZZ**	Batch ID: **R1071**	TestNo: **TO-15**		Analysis Date: **7/16/2007**	SeqNo: **17558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl chloride	ND	0.150									
Bromodichloromethane	ND	0.150									
Bromoform	ND	0.150									
Bromomethane	ND	0.150									
Carbon disulfide	ND	0.150									
Carbon tetrachloride	ND	0.0400									
Chlorobenzene	ND	0.150									
Chloroethane	ND	0.150									
Chloroform	ND	0.150									
Chloromethane	ND	0.150									
cis-1,2-Dichloroethene	ND	0.150									
cis-1,3-Dichloropropene	ND	0.150									
Cyclohexane	ND	0.150									
Dibromochloromethane	ND	0.150									
Ethyl acetate	ND	0.250									
Ethylbenzene	ND	0.150									
Freon 11	ND	0.150									
Freon 113	ND	0.150									
Freon 114	ND	0.150									
Freon 12	ND	0.150									
Heptane	ND	0.150									
Hexachloro-1,3-butadiene	ND	0.150									
Hexane	ND	0.150									
Isopropyl alcohol	ND	0.150									
m&p-Xylene	ND	0.300									
Methyl Butyl Ketone	ND	0.300									
Methyl Ethyl Ketone	ND	0.300									
Methyl Isobutyl Ketone	ND	0.300									
Methyl tert-butyl ether	ND	0.150									
Methylene chloride	ND	0.150									
o-Xylene	ND	0.150									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **MB1UT-071607**	SampType: **MBLK**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1071**
Client ID: **ZZZZZ**	Batch ID: **R1071**	TestNo: **TO-15**		Analysis Date: **7/16/2007**	SeqNo: **17558**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propylene	ND	0.150									
Styrene	ND	0.150									
Tetrachloroethylene	ND	0.150									
Tetrahydrofuran	ND	0.150									
Toluene	ND	0.150									
trans-1,2-Dichloroethene	ND	0.150									
trans-1,3-Dichloropropene	ND	0.150									
Trichloroethene	ND	0.0400									
Vinyl acetate	ND	0.150									
Vinyl Bromide	ND	0.150									
Vinyl chloride	ND	0.150									
Surr: Bromofluorobenzene	0.7700	0	1	0	77.0	70	130				

Sample ID: **BS1UT-071307**	SampType: **LCS**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1070**
Client ID: **ZZZZZ**	Batch ID: **R1070**	TestNo: **TO-15**		Analysis Date: **7/13/2007**	SeqNo: **17545**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.040	0.150	1	0	104	70	130				
1,1,2,2-Tetrachloroethane	1.300	0.150	1	0	130	70	130				
1,1,2-Trichloroethane	1.030	0.150	1	0	103	70	130				
1,1-Dichloroethane	0.9500	0.150	1	0	95.0	70	130				
1,1-Dichloroethene	0.9600	0.150	1	0	96.0	70	130				
1,2,4-Trichlorobenzene	1.300	0.150	1	0	130	70	130				
1,2,4-Trimethylbenzene	1.050	0.150	1	0	105	70	130				
1,2-Dibromoethane	1.060	0.150	1	0	106	70	130				
1,2-Dichlorobenzene	1.280	0.150	1	0	128	70	130				
1,2-Dichloroethane	0.8900	0.150	1	0	89.0	70	130				
1,2-Dichloropropane	1.040	0.150	1	0	104	70	130				
1,3,5-Trimethylbenzene	1.060	0.150	1	0	106	70	130				
1,3-butadiene	0.7500	0.150	1	0	75.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **BS1UT-071307**	SampType: **LCS**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1070**
Client ID: **ZZZZZ**	Batch ID: **R1070**	TestNo: **TO-15**		Analysis Date: **7/13/2007**	SeqNo: **17545**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	1.210	0.150	1	0	121	70	130				
1,4-Dichlorobenzene	1.250	0.150	1	0	125	70	130				
1,4-Dioxane	0.9200	0.300	1	0	92.0	70	130				
2,2,4-trimethylpentane	0.9900	0.150	1	0	99.0	70	130				
4-ethyltoluene	0.8800	0.150	1	0	88.0	70	130				
Acetone	1.010	0.300	1	0	101	70	130				
Allyl chloride	0.8600	0.150	1	0	86.0	70	130				
Benzene	1.000	0.150	1	0	100	70	130				
Benzyl chloride	1.040	0.150	1	0	104	70	130				
Bromodichloromethane	1.070	0.150	1	0	107	70	130				
Bromoform	1.070	0.150	1	0	107	70	130				
Bromomethane	0.9800	0.150	1	0	98.0	70	130				
Carbon disulfide	0.8900	0.150	1	0	89.0	70	130				
Carbon tetrachloride	0.9400	0.0400	1	0	94.0	70	130				
Chlorobenzene	1.010	0.150	1	0	101	70	130				
Chloroethane	0.9000	0.150	1	0	90.0	70	130				
Chloroform	0.9400	0.150	1	0	94.0	70	130				
Chloromethane	0.9400	0.150	1	0	94.0	70	130				
cis-1,2-Dichloroethene	0.8500	0.150	1	0	85.0	70	130				
cis-1,3-Dichloropropene	1.000	0.150	1	0	100	70	130				
Cyclohexane	1.000	0.150	1	0	100	70	130				
Dibromochloromethane	1.090	0.150	1	0	109	70	130				
Ethyl acetate	0.8500	0.250	1	0	85.0	70	130				
Ethylbenzene	0.9600	0.150	1	0	96.0	70	130				
Freon 11	1.010	0.150	1	0	101	70	130				
Freon 113	1.030	0.150	1	0	103	70	130				
Freon 114	1.000	0.150	1	0	100	70	130				
Freon 12	1.010	0.150	1	0	101	70	130				
Heptane	0.9900	0.150	1	0	99.0	70	130				
Hexachloro-1,3-butadiene	1.560	0.150	1	0	156	70	130				S
Hexane	0.9100	0.150	1	0	91.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **BS1UT-071307**	SampType: **LCS**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1070**
Client ID: **ZZZZZ**	Batch ID: **R1070**	TestNo: **TO-15**		Analysis Date: **7/13/2007**	SeqNo: **17545**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isopropyl alcohol	0.7400	0.150	1	0	74.0	70	130				
m&p-Xylene	2.010	0.300	2	0	101	70	130				
Methyl Butyl Ketone	1.050	0.300	1	0	105	70	130				
Methyl Ethyl Ketone	0.8100	0.300	1	0	81.0	70	130				
Methyl Isobutyl Ketone	1.050	0.300	1	0	105	70	130				
Methyl tert-butyl ether	0.7300	0.150	1	0	73.0	70	130				
Methylene chloride	1.030	0.150	1	0	103	70	130				
o-Xylene	1.000	0.150	1	0	100	70	130				
Propylene	1.000	0.150	1	0	100	70	130				
Styrene	1.040	0.150	1	0	104	70	130				
Tetrachloroethylene	1.050	0.150	1	0	105	70	130				
Tetrahydrofuran	0.8100	0.150	1	0	81.0	70	130				
Toluene	0.9800	0.150	1	0	98.0	70	130				
trans-1,2-Dichloroethene	0.8800	0.150	1	0	88.0	70	130				
trans-1,3-Dichloropropene	0.9400	0.150	1	0	94.0	70	130				
Trichloroethene	0.9200	0.0400	1	0	92.0	70	130				
Vinyl acetate	0.7800	0.150	1	0	78.0	70	130				
Vinyl Bromide	1.010	0.150	1	0	101	70	130				
Vinyl chloride	0.8600	0.150	1	0	86.0	70	130				
Surr: Bromofluorobenzene	0.9600	0	1	0	96.0	70	130				

Sample ID: **BS1UT-071607**	SampType: **LCS**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1071**
Client ID: **ZZZZZ**	Batch ID: **R1071**	TestNo: **TO-15**		Analysis Date: **7/16/2007**	SeqNo: **17559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.7400	0.150	1	0	74.0	70	130				
1,1,2,2-Tetrachloroethane	0.9500	0.150	1	0	95.0	70	130				
1,1,2-Trichloroethane	0.7500	0.150	1	0	75.0	70	130				
1,1-Dichloroethane	0.7400	0.150	1	0	74.0	70	130				
1,1-Dichloroethene	0.7100	0.150	1	0	71.0	70	130				

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **BS1UT-071607** SampType: **LCS** TestCode: **0.25CT-TCE_** Units: **ppbV** Prep Date: RunNo: **1071**
Client ID: **ZZZZZ** Batch ID: **R1071** TestNo: **TO-15** Analysis Date: **7/16/2007** SeqNo: **17559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.140	0.150	1	0	114	70	130				
1,2,4-Trimethylbenzene	0.7500	0.150	1	0	75.0	70	130				
1,2-Dibromoethane	0.7700	0.150	1	0	77.0	70	130				
1,2-Dichlorobenzene	0.9000	0.150	1	0	90.0	70	130				
1,2-Dichloroethane	0.7100	0.150	1	0	71.0	70	130				
1,2-Dichloropropane	0.7500	0.150	1	0	75.0	70	130				
1,3,5-Trimethylbenzene	0.7600	0.150	1	0	76.0	70	130				
1,3-butadiene	0.7100	0.150	1	0	71.0	70	130				
1,3-Dichlorobenzene	0.8800	0.150	1	0	88.0	70	130				
1,4-Dichlorobenzene	0.8700	0.150	1	0	87.0	70	130				
1,4-Dioxane	0.7400	0.300	1	0	74.0	70	130				
2,2,4-trimethylpentane	0.7100	0.150	1	0	71.0	70	130				
4-ethyltoluene	0.7300	0.150	1	0	73.0	70	130				
Acetone	0.7600	0.300	1	0	76.0	70	130				
Allyl chloride	0.7100	0.150	1	0	71.0	70	130				
Benzene	0.7500	0.150	1	0	75.0	70	130				
Benzyl chloride	0.7100	0.150	1	0	71.0	70	130				
Bromodichloromethane	0.7600	0.150	1	0	76.0	70	130				
Bromoform	0.7500	0.150	1	0	75.0	70	130				
Bromomethane	0.7100	0.150	1	0	71.0	70	130				
Carbon disulfide	0.7100	0.150	1	0	71.0	70	130				
Carbon tetrachloride	0.7500	0.0400	1	0	75.0	70	130				
Chlorobenzene	0.7500	0.150	1	0	75.0	70	130				
Chloroethane	0.7100	0.150	1	0	71.0	70	130				
Chloroform	0.7200	0.150	1	0	72.0	70	130				
Chloromethane	0.7200	0.150	1	0	72.0	70	130				
cis-1,2-Dichloroethene	0.8300	0.150	1	0	83.0	70	130				
cis-1,3-Dichloropropene	0.7000	0.150	1	0	70.0	70	130				
Cyclohexane	0.7000	0.150	1	0	70.0	70	130				
Dibromochloromethane	0.7600	0.150	1	0	76.0	70	130				
Ethyl acetate	0.7100	0.250	1	0	71.0	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

CLIENT: GZA GeoEnvironmental of NY
Work Order: C0707003
Project: Delphi Thermial

ANALYTICAL QC SUMMARY REPORT

TestCode: 0.25CT-TCE_TO15

Sample ID: **BS1UT-071607**	SampType: **LCS**	TestCode: **0.25CT-TCE_**	Units: **ppbV**	Prep Date:	RunNo: **1071**
Client ID: **ZZZZZ**	Batch ID: **R1071**	TestNo: **TO-15**		Analysis Date: **7/16/2007**	SeqNo: **17559**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	0.7100	0.150	1	0	71.0	70	130				
Freon 11	0.7200	0.150	1	0	72.0	70	130				
Freon 113	0.7000	0.150	1	0	70.0	70	130				
Freon 114	0.7000	0.150	1	0	70.0	70	130				
Freon 12	0.7100	0.150	1	0	71.0	70	130				
Heptane	0.7500	0.150	1	0	75.0	70	130				
Hexachloro-1,3-butadiene	1.180	0.150	1	0	118	70	130				
Hexane	0.7200	0.150	1	0	72.0	70	130				
Isopropyl alcohol	0.7200	0.150	1	0	72.0	70	130				
m&p-Xylene	1.400	0.300	2	0	70.0	70	130				
Methyl Butyl Ketone	0.7400	0.300	1	0	74.0	70	130				
Methyl Ethyl Ketone	0.7500	0.300	1	0	75.0	70	130				
Methyl Isobutyl Ketone	0.7400	0.300	1	0	74.0	70	130				
Methyl tert-butyl ether	0.7200	0.150	1	0	72.0	70	130				
Methylene chloride	0.7400	0.150	1	0	74.0	70	130				
o-Xylene	0.7200	0.150	1	0	72.0	70	130				
Propylene	0.7200	0.150	1	0	72.0	70	130				
Styrene	0.7500	0.150	1	0	75.0	70	130				
Tetrachloroethylene	0.7500	0.150	1	0	75.0	70	130				
Tetrahydrofuran	0.7200	0.150	1	0	72.0	70	130				
Toluene	0.7000	0.150	1	0	70.0	70	130				
trans-1,2-Dichloroethene	0.8100	0.150	1	0	81.0	70	130				
trans-1,3-Dichloropropene	0.7000	0.150	1	0	70.0	70	130				
Trichloroethene	0.7100	0.0400	1	0	71.0	70	130				
Vinyl acetate	0.7400	0.150	1	0	74.0	70	130				
Vinyl Bromide	0.7000	0.150	1	0	70.0	70	130				
Vinyl chloride	0.7200	0.150	1	0	72.0	70	130				
Surr: Bromofluorobenzene	0.9300	0	1	0	93.0	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected at or below quantitation limits
S Spike Recovery outside accepted recovery limits

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-1 **Client's Sample ID:** Bldg.-10-SP-1 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 09:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	72.2	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-1 **Client's Sample ID:** Bldg.-10-SP-1 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 09:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	84.4	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-2 **Client's Sample ID:** Bldg.-10-SP-1 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 09:10 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B

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

Certificate Of Analysis

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-2 **Client's Sample ID:** Bldg.-10-SP-1 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 09:10 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	119	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	87.2	%	07/19/07	09:00	Davis	SM 2540 G

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-3 **Client's Sample ID:** Bldg.-10-SP-1 (4-6)
Date Sampled: 7/10/2007 **Time Sampled:** 09:20 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	177	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B

FREE-COL LABORATORIES
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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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-3 **Client's Sample ID:** Bldg.-10-SP-1 (4-6)
Date Sampled: 7/10/2007 **Time Sampled:** 09:20 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	80.5	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-4 **Client's Sample ID:** Bldg.-10-SP-1 (6-8)
Date Sampled: 7/10/2007 **Time Sampled:** 09:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-4 **Client's Sample ID:** Bldg.-10-SP-1 (6-8)
Date Sampled: 7/10/2007 **Time Sampled:** 09:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	506	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	85.2	%	07/19/07	09:00	Davis	SM 2540 G

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

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

Delivery Group ID: 2007:0007398

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

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-5 **Client's Sample ID:** Bldg.-10-SP-2 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 09:45 **Date Received:** 7/12/2007

Organics

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Volatiles						
Acrolein	<1.0*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	4.7*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20*	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-5 **Client's Sample ID:** Bldg.-10-SP-2 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 09:45 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20*	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	84.6	%	07/19/07	09:00	Davis	SM 2540 G

*Volatile Organic Compounds NOTE: Surrogate recoveries for this sample were outside of established limits due to matirx interferences.
Results expressed as mg/kg are calculated on a received weight basis.

Sample ID: 2007:0007398-6 **Client's Sample ID:** Bldg.-10-SP-3 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 10:15 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B

FREE-COL LABORATORIES
11618 COTTON ROAD
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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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-6 **Client's Sample ID:** Bldg.-10-SP-3 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 10:15 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	770	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	83.4	%	07/19/07	09:00	Davis	SM 2540 G

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

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-7 **Client's Sample ID:** Bldg.-10-SP-4 (6-7.1)
Date Sampled: 7/10/2007 **Time Sampled:** 10:40 **Date Received:** 7/12/2007

Organics

Volatiles

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	447	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-7 **Client's Sample ID:** Bldg.-10-SP-4 (6-7.1)
Date Sampled: 7/10/2007 **Time Sampled:** 10:40 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	83.0	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-8 **Client's Sample ID:** Bldg.-10-SP-5 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 11:10 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398

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

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-8 **Client's Sample ID:** Bldg.-10-SP-5 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 11:10 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	85.2	%	07/19/07	09:00	Davis	SM 2540 G

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

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-9 **Client's Sample ID:** Bldg.-10-SP-6 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 11:40 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-9 **Client's Sample ID:** Bldg.-10-SP-6 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 11:40 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	81.8	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-10 **Client's Sample ID:** Bldg.-10-SP-7 (4-6)
Date Sampled: 7/10/2007 **Time Sampled:** 13:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-10 **Client's Sample ID:** Bldg.-10-SP-7 (4-6)
Date Sampled: 7/10/2007 **Time Sampled:** 13:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	297	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	82.0	%	07/19/07	09:00	Davis	SM 2540 G

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

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-11 **Client's Sample ID:** Bldg.-10-SP-8 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 13:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	3.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B

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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-11 **Client's Sample ID:** Bldg.-10-SP-8 (0-2)
Date Sampled: 7/10/2007 **Time Sampled:** 13:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	83.8	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-12 **Client's Sample ID:** Bldg.-10-SP-9 (4-5.3)
Date Sampled: 7/10/2007 **Time Sampled:** 14:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Benzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Bromoform	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Chloroform	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20*	mg/kg	07/18/08	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-12 **Client's Sample ID:** Bldg.-10-SP-9 (4-5.3)
Date Sampled: 7/10/2007 **Time Sampled:** 14:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Toluene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20*	mg/kg	07/18/08	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	78.5	%	07/19/07	09:00	Davis	SM 2540 G

* Volatile Organic Compounds NOTE: Surrogate recoveries for this sample were outsided of established limits due to a matirx interference.
Results expressed as mg/kg are calculated on a received weight basis.

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

Delivery Group ID: 2007:0007398

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

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-13 **Client's Sample ID:** Bldg.-10-SP-10 (4-6.8)
Date Sampled: 7/10/2007 **Time Sampled:** 14:30 **Date Received:** 7/12/2007

Organics

Volatiles

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-13 **Client's Sample ID:** Bldg.-10-SP-10 (4-6.8)
Date Sampled: 7/10/2007 **Time Sampled:** 14:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	89.9	%	07/19/07	09:00	Davis	SM 2540 G

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

Sample ID: 2007:0007398-14 **Client's Sample ID:** Bldg.-10-SP-11 (6-8.3)
Date Sampled: 7/10/2007 **Time Sampled:** 15:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B

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

Certificate Of Analysis

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-14 **Client's Sample ID:** Bldg.-10-SP-11 (6-8.3)
Date Sampled: 7/10/2007 **Time Sampled:** 15:00 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	88.5	%	07/19/07	09:00	Davis	SM 2540 G

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

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

Certificate Of Analysis

Delivery Group ID: 2007:0007398 15 Sample(s) are included in this Delivery Group.

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-15 **Client's Sample ID:** Bldg.-10-SP-12 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 15:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Volatiles						
Acrolein	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Acrylonitrile	<1.0	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Benzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Bromoform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Carbon Tetrachloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chlorodibromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
2-Chloroethylvinyl ether	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Chloroform	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Dichlorobromomethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1-Dichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloroethenes (Total)	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,3-Dichloropropene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Ethylbenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Bromide	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Methylene chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Tetrachloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Toluene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,1,2-Trichloroethane	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Trichloroethylene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
Vinyl Chloride	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	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

Delivery Group ID: 2007:0007398

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

Company Name: Delphi Thermal & Interior
Contact Name: Ms. Cathy Ver

200 Upper Mountain Rd.
Lockport NY 14094-1896

Date Received 7/12/2007
Time Received: 09:30
Delivered By: Fed Ex

P.O. Cindy 7398 HW

Printed on 07/30/2007 at 07:18AM

Sample ID: 2007:0007398-15 **Client's Sample ID:** Bldg.-10-SP-12 (2-4)
Date Sampled: 7/10/2007 **Time Sampled:** 15:30 **Date Received:** 7/12/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
Volatiles (Continued)						
1,3-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	<0.20	mg/kg	07/18/07	18:58	Perrine	SW-846 8260B
General Chemistry						
Solids, %	90.4	%	07/19/07	09:00	Davis	SM 2540 G

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

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

ENVIRONMENTAL
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QUALITY CONTROL INFORMATION

Free-Col Laboratories analyzes control samples at specified frequencies during the analyses for the purpose of evaluating and documenting the precision and accuracy of the results. The attached quality control data, prepared at the time of analysis, reflect the results obtained for the various types of controls from the batch of samples described as follows:

Delphi Thermal & Interior Sample ID			Free-Col ID
Bldg.-10-SP-1 (0-2)	07/10/07	09:00	2007:0007398 - 1
Bldg.-10-SP-1 (2-4)	07/10/07	09:10	2007:0007398 - 2
Bldg.-10-SP-1 (4-6)	07/10/07	09:20	2007:0007398 - 3
Bldg.-10-SP-1 (6-8)	07/10/07	09:30	2007:0007398 - 4
Bldg.-10-SP-2 (2-4)	07/10/07	09:45	2007:0007398 - 5
Bldg.-10-SP-3 (2-4)	07/10/07	10:15	2007:0007398 - 6
Bldg.-10-SP-4 (6-7.1)	07/10/07	10:40	2007:0007398 - 7
Bldg.-10-SP-5 (2-4)	07/10/07	11:10	2007:0007398 - 8
Bldg.-10-SP-6 (0-2)	07/10/07	11:40	2007:0007398 - 9
Bldg.-10-SP-7 (4-6)	07/10/07	13:00	2007:0007398 - 10
Bldg.-10-SP-8 (0-2)	07/10/07	13:30	2007:0007398 - 11
Bldg.-10-SP-9 (4-5.3)	07/10/07	14:00	2007:0007398 - 12
Bldg.-10-SP-10 (4-6.8)	07/10/07	14:30	2007:0007398 - 13
Bldg.-10-SP-11 (6-8.3)	07/10/07	15:00	2007:0007398 - 14
Bldg.-10-SP-12 (2-4)	07/10/07	15:30	2007:0007398 - 15

..mits in effect as of April 25, 2007

FREE-COL LABORATORIES
SURROGATE SPIKE INFORMATION
METHOD 624/8260B

Date: 7/18/2007 Analyst: Perrine

Target Value = 5.0 ug/L

Units = ug/L

LIMITS:	Dibromofluoromethane 4.09 - 5.66	Toluene-d8 4.27 - 5.59	Bromofluorobenzene 4.09 - 5.46
Free-Col ID			
2007:0007398-1	4.42	4.46	5.11
2007:0007398-2	4.74	4.82	5.23
2007:0007398-3	4.68	4.49	5.12
2007:0007398-4	4.36	4.86	5.16
2007:0007398-5	5.11	4.72	5.82*
2007:0007398-6	4.85	4.73	5.4
2007:0007398-7	4.98	4.75	5.35
2007:0007398-8	4.79	4.61	5.46
2007:0007398-9	4.57	4.67	5.4
2007:0007398-10	4.66	4.83	5.24
2007:0007398-11	4.78	4.5	5.38
2007:0007398-12	4.85	4.6	5.81*
2007:0007398-13	4.93	4.65	5.26
2007:0007398-14	4.82	4.5	5.19
2007:0007398-15	4.71	4.51	5.32

Volatile Organic Compounds NOTE:
Surrogate recoveries for this sample were outside of established limits due to matrix interferences.

-imits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA BLANK INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this blank: 2007:0007398-1

Units = ug/L

Parameter	Blank Value
Dichlorodifluoromethane	
Chloromethane	<2
Vinyl Chloride	<2
Bromomethane	<2
Chloroethane	<2
Trichlorofluoromethane	
Acrolein	<10
1,1-Dichloroethene	<2
Acetone	
Carbon Disulfide	
Methylene Chloride	<2
Acrylonitrile	<10
Methy tert-butyl ether	
Trans-1,2-Dichloroethene	<2
Vinyl Acetate	
1,1-Dichloroethane	<2
Methyl Ethyl Ketone	
Cis-1,2-Dichloroethene	<2
Chloroform	<2
1,1,1,-Trichloroethane	<2
Carbon Tetrachloride	<2
1,2-Dichloroethane	<2
Benzene	<2
Trichloroethene	<2
1,2-Dichloropropane	<2
Bromodichloromethane	<2

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA BLANK INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this blank: 2007:0007398-1

Units = ug/L

Parameter	Blank Value
2-Chloroethylvinyl ether	<2
Cis-1,3-Dichloropropene	<2
Methyl Isobutyl Ketone	
Toluene	<2
Trans-1,3-Dichloropropene	<2
1,1,2-Trichloroethane	<2
Methyl Butyl Ketone	
Tetrachloroethene	<2
Dibromochloromethane	<2
Chlorobenzene	<2
Ethyl Benzene	<2
M,P-Xylenes	
O-Xylene	
Styrene	
Bromoform	<2
Cumene	
1,1,2,2-Tetrachloroethane	<2
1,3-Dichlorobenzene	<2
1,4-Dichlorobenzene	<2
1,2,-Dichlorobenzene	<2
Naphthalene	

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA CALIBRATION CHECK

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Calibration Check: 2007:0007398-1

Parameter	Target Value (ug/L)	Acceptance Limits (ug/L)	Assayed Value (ug/L)
Dichlorodifluoromethane	20	16.0 - 24.0	
Chloromethane	20	16.0 - 24.0	17.7
Vinyl Chloride	20	16.0 - 24.0	18.7
Bromomethane	20	16.0 - 24.0	18.5
Chloroethane	20	16.0 - 24.0	18.4
Trichlorofluoromethane	20	16.0 - 24.0	
Acrolein	120	96.0 - 144	104
1,1-Dichloroethene	20	16.0 - 24.0	19.2
Acetone	100	80.0 - 120	
Carbon Disulfide	20	16.0 - 24.0	
Methylene Chloride	20	16.0 - 24.0	20.1
Acrylonitrile	120	96.0 - 144	109
Methy tert-butyl ether	20	16.0 - 24.0	
Trans-1,2-Dichloroethene	20	16.0 - 24.0	16.5
Vinyl Acetate	20	16.0 - 24.0	
1,1-Dichloroethane	20	16.0 - 24.0	18.5
Methyl Ethyl Ketone	20	16.0 - 24.0	
Cis-1,2-Dichloroethene	20	16.0 - 24.0	18.4
Chloroform	20	16.0 - 24.0	21.7
1,1,1,-Trichloroethane	20	16.0 - 24.0	20.4
Carbon Tetrachloride	20	16.0 - 24.0	22.8
1,2-Dichloroethane	20	16.0 - 24.0	21.3
Benzene	20	16.0 - 24.0	20.1
Trichloroethene	20	16.0 - 24.0	20.1
1,2-Dichloropropane	20	16.0 - 24.0	19.3
Bromodichloromethane	20	16.0 - 24.0	23.2

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA CALIBRATION CHECK

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Calibration Check: 2007:0007398-1

Parameter	Target Value (ug/L)	Acceptance Limits (ug/L)	Assayed Value (ug/L)
2-Chloroethylvinyl ether	20	16.0 - 24.0	22.2
Cis-1,3-Dichloropropene	20	16.0 - 24.0	22.5
Methyl Isobutyl Ketone	20	16.0 - 24.0	
Toluene	20	16.0 - 24.0	21.4
Trans-1,3-Dichloropropene	20	16.0 - 24.0	23.4
1,1,2-Trichloroethane	20	16.0 - 24.0	20.6
Methyl Butyl Ketone	20	16.0 - 24.0	
Tetrachloroethene	20	16.0 - 24.0	21.9
Dibromochloromethane	20	16.0 - 24.0	23.7
Chlorobenzene	20	16.0 - 24.0	20.7
Ethyl Benzene	20	16.0 - 24.0	22.5
M,P-Xylenes	40	32.0 - 48.0	
O-Xylene	20	16.0 - 24.0	
Styrene	20	16.0 - 24.0	
Bromoform	20	16.0 - 24.0	23.7
Cumene	20	16.0 - 24.0	
1,1,2,2-Tetrachloroethane	20	16.0 - 24.0	23.6
1,3-Dichlorobenzene	20	16.0 - 24.0	23.2
1,4-Dichlorobenzene	20	16.0 - 24.0	22.9
1,2,-Dichlorobenzene	20	16.0 - 24.0	23.4
Naphthalene	20	16.0 - 24.0	

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA MATRIX SPIKE INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Matrix Spike: 2007:0007398-1

Sample Spiked: 2007:0007447-5

Parameter	Spike Added (ug/L)	Spiked Result (ug/L)	Sample Result (ug/L)	Acceptance Limits % Recovery	Assayed % Recovery
Dichlorodifluoromethane	20			57-139	
Chloromethane	20	17.8	<2	62-143	89
Vinyl Chloride	20	18.6	<2	60-143	93
Bromomethane	20	18.5	<2	39-143	93
Chloroethane	20	18.6	<2	58-143	93
Trichlorofluoromethane	20			86-129	
Acrolein	120	71.4	<10	52-151	60
1,1-Dichloroethene	20	18.8	<2	42-152	94
Acetone	100			68-138	
Carbon Disulfide	20			66-134	
Methylene Chloride	20	19	<2	81-132	95
Acrylonitrile	120	93.1	<10	57-122	78
Methy tert-butyl ether	20			76-131	
Trans-1,2-Dichloroethene	20	16.2	<2	67-148	81
Vinyl Acetate	20			60-128	
1,1-Dichloroethane	20	18	<2	70-144	90
Methyl Ethyl Ketone	20			79-127	
Cis-1,2-Dichloroethene	20	17.4	<2	87-135	87
Chloroform	20	36.1	17.9	79-130	91
1,1,1,-Trichloroethane	20	19.5	<2	78-139	98
Carbon Tetrachloride	20	20.4	<2	64-142	102
1,2-Dichloroethane	20	19	<2	57-141	95
Benzene	20	18.7	<2	64-141	94
Trichloroethene	20	18.2	<2	72-143	91
1,2-Dichloropropane	20	18.6	<2	66-144	93
Bromodichloromethane	20	24.7	3.7	61-137	105

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA MATRIX SPIKE INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Matrix Spike: 2007:0007398-1

Sample Spiked: 2007:0007447-5

Parameter	Spike Added (ug/L)	Spiked Result (ug/L)	Sample Result (ug/L)	Acceptance Limits % Recovery	Sample Assayed % Recovery
2-Chloroethylvinyl ether	20	19.8	<2	50-160	99
Cis-1,3-Dichloropropene	20	20.5	<2	41-135	103
Methyl Isobutyl Ketone	20			74-123	
Toluene	20	20	<2	66-138	100
Trans-1,3-Dichloropropene	20	15.7	<2	58-138	79
1,1,2-Trichloroethane	20	19.1	<2	81-132	96
Methyl Butyl Ketone	20			75-121	
Tetrachloroethene	20	17.9	<2	65-138	90
Dibromochloromethane	20	22.6	<2	66-132	113
Chlorobenzene	20	19.7	<2	76-134	99
Ethyl Benzene	20	20.6	<2	75-139	103
M,P-Xylenes	40			90-125	
O-Xylene	20			86-121	
Styrene	20			87-122	
Bromoform	20	21.7	<2	57-133	109
Cumene	20			81-122	
1,1,2,2-Tetrachloroethane	20	21.3	<2	76-133	107
1,3-Dichlorobenzene	20	21.1	<2	66-137	106
1,4-Dichlorobenzene	20	20.9	<2	69-136	105
1,2,-Dichlorobenzene	20	21.7	<2	69-139	109
Naphthalene	20			68-137	

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA SAMPLE DUPLICATE INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Sample Duplicate: 2007:0007398-1

Sample Repeated: 2007:0007447-5

Parameter	Sample Result (ug/L)	Repeat Result (ug/L)	Acceptable RPD	Assayed RPD %
Dichlorodifluoromethane			20	
Chloromethane	<2	<2	20	0
Vinyl Chloride	<2	<2	20	0
Bromomethane	<2	<2	20	0
Chloroethane	<2	<2	20	0
Trichlorofluoromethane			20	
Acrolein	<10	<10	20	0
1,1-Dichloroethene	<2	<2	20	0
Acetone			20	
Carbon Disulfide			20	
Methylene Chloride	<2	<2	20	0
Acrylonitrile	<10	<10	20	0
Methy tert-butyl ether			20	
Trans-1,2-Dichloroethene	<2	<2	20	0
Vinyl Acetate			20	
1,1-Dichloroethane	<2	<2	20	0
Methyl Ethyl Ketone			20	
Cis-1,2-Dichloroethene	<2	<2	20	0
Chloroform	17.9	17.5	20	2.2
1,1,1,-Trichloroethane	<2	<2	20	0
Carbon Tetrachloride	<2	<2	20	0
1,2-Dichloroethane	<2	<2	20	0
Benzene	<2	<2	20	0
Trichloroethene	<2	<2	20	0
1,2-Dichloropropane	<2	<2	20	0
Bromodichloromethane	3.7	3.6	20	2.7

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA SAMPLE DUPLICATE INFORMATION

Date: 7/18/2007 Analyst: Perrine

Samples associated with this Sample Duplicate: 2007:0007398-1

Sample Repeated: 2007:0007447-5

Parameter	Sample Result (ug/L)	Repeat Result (ug/L)	Acceptable RPD	Assayed RPD
2-Chloroethylvinyl ether	<2	<2	20	0
Cis-1,3-Dichloropropene	<2	<2	20	0
Methyl Isobutyl Ketone			20	
Toluene	<2	<2	20	0
Trans-1,3-Dichloropropene	<2	<2	20	0
1,1,2-Trichloroethane	<2	<2	20	0
Methyl Butyl Ketone			20	
Tetrachloroethene	<2	<2	20	0
Dibromochloromethane	<2	<2	20	0
Chlorobenzene	<2	<2	20	0
Ethyl Benzene	<2	<2	20	0
M,P-Xylenes			20	
O-Xylene			20	
Styrene			20	
Bromoform	<2	<2	20	0
Cumene			20	
1,1,2,2-Tetrachloroethane	<2	<2	20	0
1,3-Dichlorobenzene	<2	<2	20	0
1,4-Dichlorobenzene	<2	<2	20	0
1,2,-Dichlorobenzene	<2	<2	20	0
Naphthalene			20	

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
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SAMPLING/FIELD SERVICES

STATE CERTIFIED
AIHA CERTIFIED

Delphi Thermal & Interior

SAMPLE DATE(S)

07/10/07

P.O. Cindy 7398 HW

Report Reviewed and approved by:

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

CHAIN-OF-CUSTODY RECORD

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))	ANALYSIS REQUIRED: ☐ pH ☐ Cond.	GC 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 #
BLDG-10-SP-1 (0-2)	7/10/07 900	S			X																						1	7398-2
BLDG-10-SP-1 (2-4)	7/10/07 910	S			X																						1	3
BLDG-10-SP-1 (4-6)	7/10/07 920	S			X																						1	4
BLDG-10-SP-1 (6-8)	7/10/07 930	S			X																						1	5
BLDG-10-SP-2 (2-4)	7/10/07 945	S			X																						1	6
BLDG-10-SP-3 (2-4)	7/10/07 1015	S			X																						1	7
BLDG-10-SP-4 (6-7.1)	7/10/07 1040	S			X																						1	8
BLDG-10-SP-5 (2-4)	7/10/07 1110	S			X																						1	9
BLDG-10-SP-6 (0-2)	7/10/07 1140	S			X																						1	10
BLDG-10-SP-7 (4-6)	7/10/07 1300	S			X																						1	11
BLDG-10-SP-8 (0-2)	7/10/07 1330	S			X																						1	12
BLDG-10-SP-9 (4-5.3)	7/10/07 1400	S			X																						1	13
BLDG-10-SP-10 (4-6.8)	7/10/07 1430	S			X																						1	
PRESERVATIVE (C-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:
	7/11/07 1000	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	7/12 9:30	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
		7/12-31/07

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

Upon completion, please send invoice to Dephi Thermal.

Project Manager: Chris Boron

GZA GeoEnvironmental, Inc.

364 Nagel Drive
Buffalo, NY 14225
(716) 685-2300
FAX (716) 685-3629

TURNAROUND TIME: (Standard) Rush _____ Days, Approved by: _____ LAB USE: TEMP. OF COOLER _____ °C Temp Blank _____ Cooler Air _____

GZA FILE NO: 21.0056340.00 TASK NO: _____ P.O. NO. _____

PROJECT Delphi Thermal Facility (Building 10)

LOCATION Lockport, New York

COLLECTOR(S) John Beninati SHEET 1 OF 2

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

CHAIN-OF-CUSTODY RECORD

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)	ANALYSIS REQUIRED ☐ pH ☐ Cond.	GC 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 #
BLDG-10-SP-11 (6-8.3)	7/10/07 1500	S			X																											1	14
BLDG-10-SP-12 (2-4)	7/10/07 1530	S			X																											1	15
PRESERVATIVE (CI-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: 7/11/07 1600 RECEIVED BY: _____

RELINQUISHED BY: _____ DATE/TIME: 7/12 9:30 RECEIVED BY: _____

RELINQUISHED BY: _____ DATE/TIME: 7/12-31/07 RECEIVED BY: _____

Project Manager: Chris Boron

GZA GeoEnvironmental, Inc.

364 Nagel Drive
Buffalo, NY 14225
(716) 685-2300
FAX (716) 685-3629

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

Upon completion, please send invoice to Dephi Thermal.

TURNAROUND TIME: (Standard) Rush _____ Days, Approved by: _____ LAB USE: TEMP. OF COOLER _____ °C Temp Blank _____ Cooler Air _____

GZA FILE NO: 21.0056340.00 TASK NO: _____ P.O. NO. _____

PROJECT: Delphi Thermal Facility (Building 10)

LOCATION: Lockport, New York

COLLECTOR(S): John Beninati SHEET 2 OF 2

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

Delivery Group ID: 2007:0007802 1 Sample(s) are included in this Delivery Group.

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

P.O. Box 92700
Rochester NY 14692

Date Received 7/19/2007
Time Received: 16:15
Delivered By: Field Services

P.O. 450539116

Printed on 08/21/2007 at 12:02PM

Sample ID: 2007:0007802-1 **Client's Sample ID:** Bldg. 10-MW-1
Date Sampled: 7/18/2007 **Time Sampled:** 13:20 **Date Received:** 7/19/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics						
Dichlorodifluoromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Chloromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Vinyl Chloride	0.22	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Bromomethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Chloroethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Trichlorofluoromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,1-Dichloroethene	0.48	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Acetone	0.020	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Carbon disulfide	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Methylene chloride	0.20	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
trans-1,2-Dichloroethene	0.015	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Methyl tert-butyl ether	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,1-Dichloroethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
cis-1,2-Dichloroethene	0.22	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
2-Butanone	<0.010	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Bromochloromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Chloroform	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,1,1-Trichloroethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Carbon tetrachloride	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Benzene	0.005	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2-Dichloroethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Trichloroethene	0.20	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2-Dichloropropane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Bromodichloromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
cis-1,3-Dichloropropane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
4-Methyl-2-pentanone	0.059	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Toluene	0.044	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
trans-1,3-Dichloropropane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,1-Trichloroethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Tetrachloroethene	114	mg/L	07/20/07	15:27	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

Delivery Group ID: 2007:0007802

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

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

P.O. Box 92700
Rochester NY 14692

Date Received 7/19/2007
Time Received: 16:15
Delivered By: Field Services

P.O. 450539116

Printed on 08/21/2007 at 12:02PM

Sample ID: 2007:0007802-1 **Client's Sample ID:** Bldg. 10-MW-1
Date Sampled: 7/18/2007 **Time Sampled:** 13:20 **Date Received:** 7/19/2007

Analyte	Result	Units	Date Analyzed	Start Time	Analyst	Method Source
Organics (Continued)						
2-Hexanone	<0.010	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Dibromochloromethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2-Dibromoethane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Chlorobenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Ethylbenzene	0.004	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
o-Xylene	0.015	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
m,p-Xylene	0.046	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Styrene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Bromoform	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
Isopropylbenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,1,2,2-Tetrachloroethane	0.006	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,3-Dichlorobenzene	0.003	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,4-Dichlorobenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2-Dichlorobenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2-Dibromo-3-chloropropane	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2,4-Trichlorobenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B
1,2,3-Trichlorobenzene	<0.002	mg/L	07/20/07	15:27	Perrine	SW-846 8260B

CC: GZA

Supplemental Report Revision to Contact Name and P.O. Number on 08/17/07 to Report 2007:0007802 original print date of 07/27/07.
Supplemental Report Revision with Additions to Volatile Organic Test and Results on 08/21/07 to Report 2007:0007802 supplemental print date of 07/27/07.

7802

W.O. # ____________ *(for lab use only)*

CHAIN-OF-CUSTODY RECORD

Matrix: A = Air, S = Soil, GW = Ground W., SW = Surface W., WW = Waste W., DW = Drinking W., P = Product, Other (specify)

ANALYSIS REQUIRED

Sample I.D.	Date/Time Sampled	Matrix	☐ pH ☐ Cond.	GC 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 #
Bldg10-MW-1	7/18/07 1320	GW			X																							2	

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:
[signature] C. Boron		[signature]
RELINQUISHED BY: [signature]	DATE/TIME 7/19/07 1620	RECEIVED BY: [signature] 7/19
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Zone [signature]	7/19-31/07 - 8/1/07 - 8/31/07	

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

No Preservatives

Bill directly to Delphi

Project Manager: C. Boron

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

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

GZA FILE NO: 21.0056 TASK NO: ______ P.O. NO. ______

PROJECT: Bldg 10 FEA

LOCATION: Lockport NY

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

GZA GEOENVIRONMENTAL, INC.

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QUALITY CONTROL INFORMATION

Free-Col Laboratories analyzes control samples at specified frequencies during the analyses for the purpose of evaluating and documenting the precision and accuracy of the results. The attached quality control data, prepared at the time of analysis, reflect the results obtained for the various types of controls from the batch of samples described as follows:

Delphi Thermal & Interior Sample ID		Free-Col ID
Bldg. 10-MW-1	07/18/07 13:20	2007:0007802 - 1

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
SURROGATE SPIKE INFORMATION
METHOD 624/8260B

Date: 7/20/2007 Analyst: Perrine

Target Value = 5.0 ug/L

Units = ug/L

LIMITS:	Dibromofluoromethane 4.09 - 5.66	Toluene-d8 4.27 - 5.59	Bromofluorobenzene 4.09 - 5.46
Free-Col ID			
2007:0007802-1	4.85	4.41	4.32

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA BLANK INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this blank: 2007:0007802-1

Units = ug/L

Parameter	Blank Value
Dichlorodifluoromethane	
Chloromethane	<2
Vinyl Chloride	<2
Bromomethane	<2
Chloroethane	<2
Trichlorofluoromethane	
Acrolein	<10
1,1-Dichloroethene	<2
Acetone	
Carbon Disulfide	
Methylene Chloride	<2
Acrylonitrile	<10
Methy tert-butyl ether	
Trans-1,2-Dichloroethene	<2
Vinyl Acetate	
1,1-Dichloroethane	<2
Methyl Ethyl Ketone	
Cis-1,2-Dichloroethene	<2
Chloroform	<2
1,1,1,-Trichloroethane	<2
Carbon Tetrachloride	<2
1,2-Dichloroethane	<2
Benzene	<2
Trichloroethene	<2
1,2-Dichloropropane	<2
Bromodichloromethane	<2

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA BLANK INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this blank: 2007:0007802-1

Units = ug/L

Parameter	Blank Value
2-Chloroethylvinyl ether	<2
Cis-1,3-Dichloropropene	<2
Methyl Isobutyl Ketone	
Toluene	<2
Trans-1,3-Dichloropropene	<2
1,1,2-Trichloroethane	<2
Methyl Butyl Ketone	
Tetrachloroethene	<2
Dibromochloromethane	<2
Chlorobenzene	<2
Ethyl Benzene	<2
M,P-Xylenes	
O-Xylene	
Styrene	
Bromoform	<2
Cumene	
1,1,2,2-Tetrachloroethane	<2
1,3-Dichlorobenzene	<2
1,4-Dichlorobenzene	<2
1,2,-Dichlorobenzene	<2
Naphthalene	

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA CALIBRATION CHECK

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Calibration Check: 2007:0007802-1

Parameter	Target Value (ug/L)	Acceptance Limits (ug/L)	Assayed Value (ug/L)
Dichlorodifluoromethane	20	16.0 - 24.0	
Chloromethane	20	16.0 - 24.0	18.8
Vinyl Chloride	20	16.0 - 24.0	20.1
Bromomethane	20	16.0 - 24.0	21.4
Chloroethane	20	16.0 - 24.0	20.6
Trichlorofluoromethane	20	16.0 - 24.0	
Acrolein	120	96.0 - 144	134
1,1-Dichloroethene	20	16.0 - 24.0	21
Acetone	100	80.0 - 120	
Carbon Disulfide	20	16.0 - 24.0	
Methylene Chloride	20	16.0 - 24.0	20.2
Acrylonitrile	120	96.0 - 144	97.1
Methy tert-butyl ether	20	16.0 - 24.0	
Trans-1,2-Dichloroethene	20	16.0 - 24.0	16.3
Vinyl Acetate	20	16.0 - 24.0	
1,1-Dichloroethane	20	16.0 - 24.0	16.6
Methyl Ethyl Ketone	20	16.0 - 24.0	
Cis-1,2-Dichloroethene	20	16.0 - 24.0	16.4
Chloroform	20	16.0 - 24.0	20.1
1,1,1,-Trichloroethane	20	16.0 - 24.0	20.4
Carbon Tetrachloride	20	16.0 - 24.0	22.9
1,2-Dichloroethane	20	16.0 - 24.0	21.5
Benzene	20	16.0 - 24.0	17.4
Trichloroethene	20	16.0 - 24.0	16.7
1,2-Dichloropropane	20	16.0 - 24.0	16.1
Bromodichloromethane	20	16.0 - 24.0	21.8

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA CALIBRATION CHECK

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Calibration Check: 2007:0007802-1

Parameter	Target Value (ug/L)	Acceptance Limits (ug/L)	Assayed Value (ug/L)
2-Chloroethylvinyl ether	20	16.0 - 24.0	22.5
Cis-1,3-Dichloropropene	20	16.0 - 24.0	18.9
Methyl Isobutyl Ketone	20	16.0 - 24.0	
Toluene	20	16.0 - 24.0	17.9
Trans-1,3-Dichloropropene	20	16.0 - 24.0	20.1
1,1,2-Trichloroethane	20	16.0 - 24.0	16.2
Methyl Butyl Ketone	20	16.0 - 24.0	
Tetrachloroethene	20	16.0 - 24.0	17.3
Dibromochloromethane	20	16.0 - 24.0	20.8
Chlorobenzene	20	16.0 - 24.0	16.1
Ethyl Benzene	20	16.0 - 24.0	18.2
M,P-Xylenes	40	32.0 - 48.0	
O-Xylene	20	16.0 - 24.0	
Styrene	20	16.0 - 24.0	
Bromoform	20	16.0 - 24.0	19.8
Cumene	20	16.0 - 24.0	
1,1,2,2-Tetrachloroethane	20	16.0 - 24.0	19.2
1,3-Dichlorobenzene	20	16.0 - 24.0	19.3
1,4-Dichlorobenzene	20	16.0 - 24.0	18.4
1,2,-Dichlorobenzene	20	16.0 - 24.0	18.5
Naphthalene	20	16.0 - 24.0	

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA MATRIX SPIKE INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Matrix Spike: 2007:0007802-1

Sample Spiked: 2007:0007709-1

Parameter	Spike Added (ug/L)	Spiked Result (ug/L)	Sample Result (ug/L)	Acceptance Limits % Recovery	Assayed % Recovery
Dichlorodifluoromethane	20			57-139	
Chloromethane	20	23.4	<2	62-143	117
Vinyl Chloride	20	24.7	<2	60-143	124
Bromomethane	20	26.4	<2	39-143	132
Chloroethane	20	25.7	<2	58-143	129
Trichlorofluoromethane	20			86-129	
Acrolein	120	177	<10	52-151	148
1,1-Dichloroethene	20	26.1	<2	42-152	131
Acetone	100			68-138	
Carbon Disulfide	20			66-134	
Methylene Chloride	20	25.6	<2	81-132	128
Acrylonitrile	120	80.9	<10	57-122	67
Methy tert-butyl ether	20			76-131	
Trans-1,2-Dichloroethene	20	19.5	<2	67-148	98
Vinyl Acetate	20			60-128	
1,1-Dichloroethane	20	20.8	<2	70-144	104
Methyl Ethyl Ketone	20			79-127	
Cis-1,2-Dichloroethene	20	20.6	<2	87-135	103
Chloroform	20	24.9	<2	79-130	125
1,1,1,-Trichloroethane	20	25.1	<2	78-139	126
Carbon Tetrachloride	20	28.4	<2	64-142	142
1,2-Dichloroethane	20	22.3	<2	57-141	112
Benzene	20	22.3	<2	64-141	112
Trichloroethene	20	21.4	<2	72-143	107
1,2-Dichloropropane	20	20.7	<2	66-144	104
Bromodichloromethane	20	27.3	<2	61-137	137

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA MATRIX SPIKE INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Matrix Spike: 2007:0007802-1

Sample Spiked: 2007:0007709-1

Parameter	Spike Added (ug/L)	Spiked Result (ug/L)	Sample Result (ug/L)	Acceptance Limits % Recovery	Sample Assayed % Recovery
2-Chloroethylvinyl ether	20	<2	<2	50-160	0 *
Cis-1,3-Dichloropropene	20	23.7	<2	41-135	119
Methyl Isobutyl Ketone	20			74-123	
Toluene	20	22.9	<2	66-138	115
Trans-1,3-Dichloropropene	20	24.2	<2	58-138	121
1,1,2-Trichloroethane	20	19.3	<2	81-132	97
Methyl Butyl Ketone	20			75-121	
Tetrachloroethene	20	20.8	<2	65-138	104
Dibromochloromethane	20	24.8	<2	66-132	124
Chlorobenzene	20	19.4	<2	76-134	97
Ethyl Benzene	20	22.3	<2	75-139	112
M,P-Xylenes	40			90-125	
O-Xylene	20			86-121	
Styrene	20			87-122	
Bromoform	20	22.8	<2	57-133	114
Cumene	20			81-122	
1,1,2,2-Tetrachloroethane	20	21.5	<2	76-133	108
1,3-Dichlorobenzene	20	22.8	<2	66-137	114
1,4-Dichlorobenzene	20	21.4	<2	69-136	107
1,2,-Dichlorobenzene	20	21.9	<2	69-139	110
Naphthalene	20			68-137	

Volatile Organics NOTE:

* The matrix spike for this sample was outside the acceptance criteria for this method. It is believed that matrix interference(s) caused this problem.

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA SAMPLE DUPLICATE INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Sample Duplicate: 2007:0007802-1

Sample Repeated: 2007:0007709-1

Parameter	Sample Result (ug/L)	Repeat Result (ug/L)	Acceptable RPD	Assayed RPD %
Dichlorodifluoromethane			20	
Chloromethane	<2	<2	20	0
Vinyl Chloride	<2	<2	20	0
Bromomethane	<2	<2	20	0
Chloroethane	<2	<2	20	0
Trichlorofluoromethane			20	
Acrolein	<10	<10	20	0
1,1-Dichloroethene	<2	<2	20	0
Acetone			20	
Carbon Disulfide			20	
Methylene Chloride	<2	<2	20	0
Acrylonitrile	<10	<10	20	0
Methy tert-butyl ether			20	
Trans-1,2-Dichloroethene	<2	<2	20	0
Vinyl Acetate			20	
1,1-Dichloroethane	<2	<2	20	0
Methyl Ethyl Ketone			20	
Cis-1,2-Dichloroethene	<2	<2	20	0
Chloroform	<2	<2	20	0
1,1,1,-Trichloroethane	<2	<2	20	0
Carbon Tetrachloride	<2	<2	20	0
1,2-Dichloroethane	<2	<2	20	0
Benzene	<2	<2	20	0
Trichloroethene	<2	<2	20	0
1,2-Dichloropropane	<2	<2	20	0
Bromodichloromethane	<2	<2	20	0

Limits in effect as of April 25, 2007

FREE-COL LABORATORIES
VOA SAMPLE DUPLICATE INFORMATION

Date: 7/20/2007 Analyst: Perrine

Samples associated with this Sample Duplicate: 2007:0007802-1

Sample Repeated: 2007:0007709-1

Parameter	Sample Result (ug/L)	Repeat Result (ug/L)	Acceptable RPD	Assayed RPD
2-Chloroethylvinyl ether	<2	<2	20	0
Cis-1,3-Dichloropropene	<2	<2	20	0
Methyl Isobutyl Ketone			20	
Toluene	<2	<2	20	0
Trans-1,3-Dichloropropene	<2	<2	20	0
1,1,2-Trichloroethane	<2	<2	20	0
Methyl Butyl Ketone			20	
Tetrachloroethene	<2	<2	20	0
Dibromochloromethane	<2	<2	20	0
Chlorobenzene	<2	<2	20	0
Ethyl Benzene	<2	<2	20	0
M,P-Xylenes			20	
O-Xylene			20	
Styrene			20	
Bromoform	<2	<2	20	0
Cumene			20	
1,1,2,2-Tetrachloroethane	<2	<2	20	0
1,3-Dichlorobenzene	<2	<2	20	0
1,4-Dichlorobenzene	<2	<2	20	0
1,2,-Dichlorobenzene	<2	<2	20	0
Naphthalene			20	

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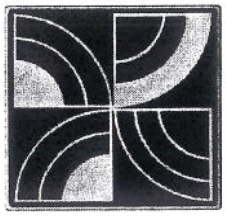

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STATE CERTIFIED
AIHA CERTIFIED

Delphi Thermal & Interior

SAMPLE DATE(S)

07/18/07

P.O. Cindy 7802 WW

Report Reviewed and approved by:

7802

W.O. # ____________ *(for lab use only)*

CHAIN-OF-CUSTODY RECORD

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.	GC 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 #
Bldg 10-MW-1	7/18/07 1320	GW			X																							2	

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:
[signature]		[signature]
[signature]	7/19/07 1620	[signature] 7/19
[signature]	7/19-31/07	

Project Manager: C. Boron

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

No Preservatives

Bill directly to Delphi

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

LAB USE: TEMP. OF COOLER ______ °C

Temp Blank ______ Cooler Air ______

GZA GeoEnvironmental, Inc.

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Buffalo, NY 14225
(716) 685-2300
FAX (716) 685-3629

GZA FILE NO: 21.0056 TASK NO: ______ P.O. NO. ______

PROJECT: Bldg 10 FEA

LOCATION: Lockport NY

COLLECTOR(S): C. Boron

SHEET 1 OF 1