

May 2, 2008
File No. 21.0056372.0

Mr. Richard Eisenman
Delphi Automotive Systems LLC
1000 Lexington Ave
Rochester, New York



Re: April 2008 Groundwater Sampling
Delphi Thermal Systems Facility
Lockport, New York

Dear Mr. Eisenman:

GZA GeoEnvironmental of New York (GZA) prepared this letter report to summarize the groundwater sample results from the following three sampling events:

- November 2007 – Five newly installed monitoring wells (MW-6-1, MW-6-2, MW-7-1, MW-7-2 and MW-7-3) were sampled for the first time;
- February 2008 – Five monitoring wells were resampled; and
- April 2008 – Monitoring well MW-6-2 was resampled. A split sample was also collected by the New York State Department of Environmental Conservation (NYSDEC).

Groundwater samples were collected from the five (5) downgradient monitoring wells installed in November 2007 (see Figure 1 in Attachment 1 for the approximate location and well designation).

BACKGROUND

November 2007

On November 29 and 30, 2007, groundwater samples were collected from the five downgradient monitoring wells (MW-6-1, MW-6-2, MW-7-1, MW-7-2 and MW-7-3) and submitted to Free-Col Laboratories (Free-Col) for analytical testing for volatile organic compounds (VOCs) via EPA Method 8260 Target Analyte List (TCL). Low-flow sampling methodologies were used to purge and collect the groundwater samples in general accordance with our work plan dated October 11, 2007. Table 1 in Attachment 1 presents a summary of the November 2007 analytical results.

VOCs were detected in two of the five monitoring wells (MW-6-2 and MW-7-1). Trichloroethylene (TCE) was detected above method detection limits in the sample collected from MW-6-2 at a concentration of 25 parts per billion (ppb), which exceeds its respective Class GA¹ groundwater criteria of 5 ppb.

Four VOCs; TCE (110 ppb), 1,2-dichloroethenes (total) (8 ppb), benzene (3 ppb) and toluene (7 ppb) were detected at a concentration above their method detection limits in the sample collected

¹ Division of Water Technical and Operational Guidance Series (1.1.1) "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" prepared by the New York State Department of Environmental Conservation, dated October 1993, revised 1998, ERRATA Sheet dated January 1999; and Addendum dated April 2000.

from MW-7-1. The detected concentrations of the four compounds exceed their respective Class GA groundwater criteria of 5 ppb, 5 ppb, 1 ppb and 5 ppb.

No VOCs were detected above method detection limits in the groundwater samples analyzed from MW-6-1, MW-7-2 and MW-7-3.

The analytical data and information on the monitoring wells (i.e., well logs, hydraulic conductivities, etc.) was provided in a letter report dated February 7, 2008.

February 2008

Due to the VOCs detected in two of the monitoring wells, GZA resampled the five monitoring wells in February 2008. The results are summarized on Table 1. Low-flow sampling methodologies were used to purge and collect the groundwater samples. Water quality readings were not collected, but a minimum of 1.5 well volumes were purged after a constant head was established (MW-6-1, MW-6-2 and MW-7-3) or the well was purged dry (MW-7-1 and MW-7-2), prior to sample collection. Samples were submitted to Free-Col VOC TCL analysis.

Trichloroethylene (TCE) was detected above method detection limits at one sampling location, MW-7-1, at a concentration of 56 ppb. No other VOCs were detected above method detection limits at this sampling location and no VOCs were detected above method detection limits in the groundwater samples analyzed from MW-6-1, MW-6-2, MW-7-2 and MW-7-3. However, the 7 day holding time for unpreserved groundwater samples was exceeded. NYSDEC requested that monitoring well MW-6-2 be resampled and a split sample be collected by NYSDEC for analysis by a laboratory of their choice (Test America in Buffalo, New York).

APRIL 2008 GROUNDWATER SAMPLING EVENT

Monitoring well MW-6-2 was resampled on April 15, 2008. In addition to the sample collected by GZA, NYSDEC collected a split sample. GZA's sample was submitted to Free-Col for VOC TCL analysis. NYSDEC submitted their sample to Test America for VOC TCL analysis. The results from both analytical laboratories are summarized on Table 1 (Free-Col sample is identified as Delphi and the Test America sample is identified as NYSDEC). The analytical reports from the laboratories are included in Attachment 3.

Low-flow sampling methodologies were used to purge and collect the groundwater samples, consistent with previous sample rounds. Water quality readings were collected (see Attachment 2) and approximately 1.5 well volumes were purged after a constant head was established. A total volume of approximately 8 gallons was purged prior to sample collection.

Free-Col Sample Results

TCE was detected above method detection limits at a concentration of 4 ppb in the sample from MW-6-2, which is below its respective Class GA groundwater criteria of 5 ppb. No other VOCs were detected above method detection limits at this sampling location.

Test America Sample Results

TCE was detected above method detection limits at a concentration of 4.2 ppb in the NYSDEC split sample from MW-6-2. No other VOCs were detected above method detection limits at this



sampling location.

CONCLUSIONS

Based on the results of the three groundwater sampling event, VOCs are present at two of the monitoring well locations, MW-6-2 and MW-7-1. Four groundwater samples have been collected from MW-6-2 in the three sampling events. The detected concentrations of TCE in three of the four samples has been either below method detection limits or below the Class GA groundwater criteria of 5 ppb. No other VOCs have been detected above method detection limits in the samples collected from MW-6-2.

Two groundwater samples have been detected collected from MW-7-1. Four VOCs (TCE (110 ppb), 1,2-dichloroethenes (total) (8 ppb), benzene (3 ppb) and toluene (7 ppb)) were detected above their respective Class GA groundwater criteria in the November 2007 sampling event. One VOC (TCE (56 ppb)) was detected above its respective Class GA groundwater criteria in the February 2008 sampling event. Although VOCs are present in the vicinity of MW-7-1 above Class GA groundwater criteria, no VOCs were detected above method detection limits in the two samples collected from onsite well MW-7-2, which is approximately 1,000 feet northeast and downgradient of MW-7-1.

Therefore, no additional work regarding off-Site migration of contaminated is recommended. Please do not hesitate to contact the undersigned if you have any questions or require any additional information.

Sincerely,

GZA GEOENVIRONMENTAL



Christopher Boron
Project Manager



Ernest R. Hanna, P.E.
Principal

Attachment 1: Figure 1 – New Downgradient Monitoring Well Locations
Table 1 – Summary of Groundwater Sample Result

Attachment 2: MW-6-2 Field Measured Water Quality Readings

Attachment 3: Free Col Laboratories Analytical Report
Test America Analytical Report



ATTACHMENT 1

TABLE 1 – SUMMARY OF GROUNDWATER SAMPLING RESULTS

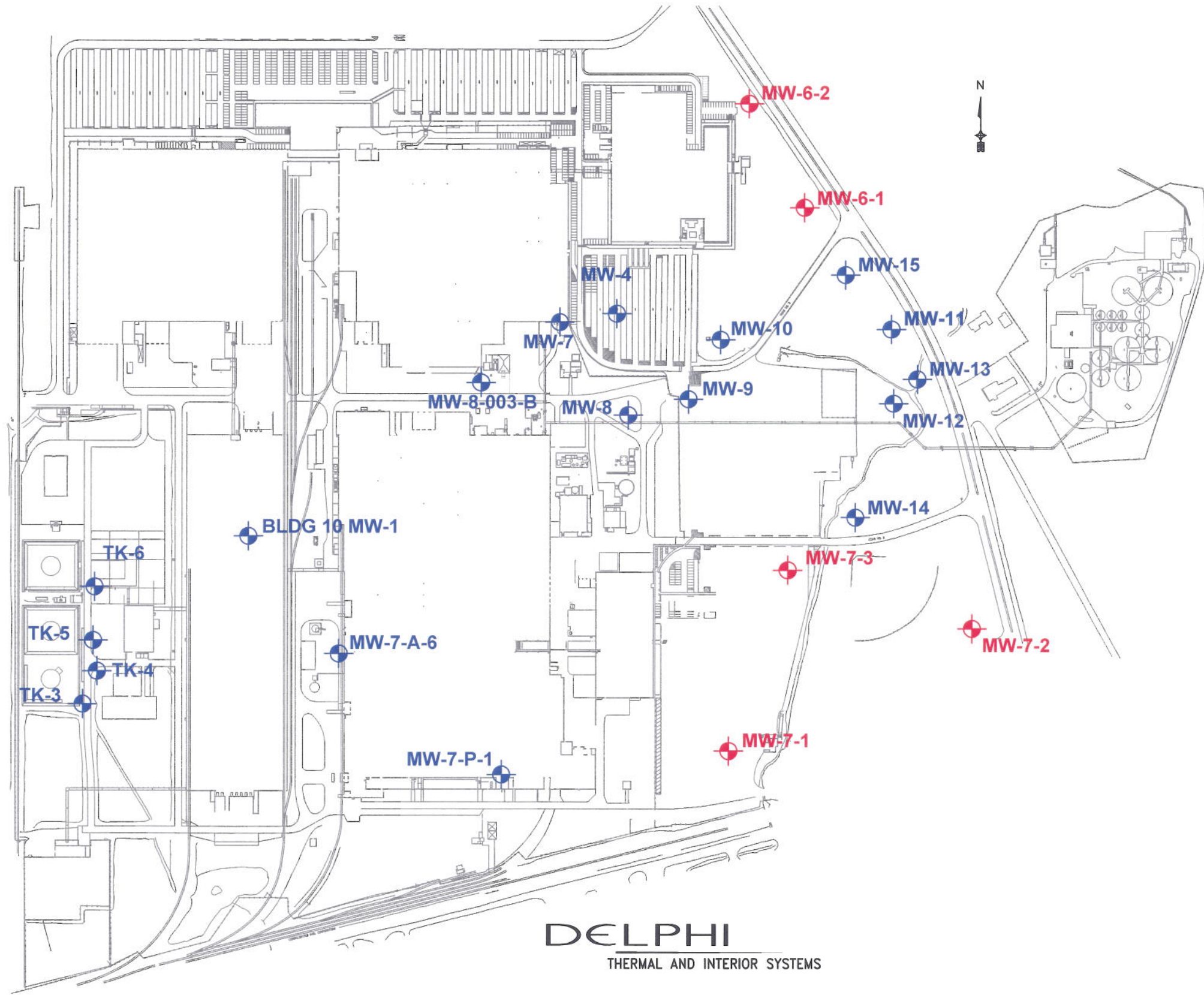
FIGURE 1 – NEW DOWNGRAIDENT MONITORING WELL LOCATION

Table 1
 Groundwater Analytical Testing Results Summary
 Additional Downgradient Groundwater Monitoring Wells
 Delphi Lockport Complex
 Lockport, New York

| Parameter | NYSDEC Class GA Criteria | MW-6-1 | | MW-6-2 | | | | MW-7-1 | | MW-7-2 | | MW-7-3 | |
|---|-----------------------------|--------|--------|---------------|---------------|--------|-----------|-----------|------------|--------|--------|--------|--------|
| | | Feb-08 | Nov-07 | Apr-08 | Apr-08 | Feb-08 | Nov-07 | Feb-08 | Nov-07 | Feb-08 | Nov-07 | Feb-08 | Nov-07 |
| VOC - EPA Method 8260 TCL (ug/L) | | | | Delphi | NYSDEC | | | | | | | | |
| Benzene | 1 | | | | | | | | 3 | | | | |
| 1,2-Dichloroethenes (total) | 5 | | | | | | | | 8 | | | | |
| Trichloroethylene | 5 | | | 4 | 4.2 | | 25 | 56 | 110 | | | | |
| Toluene | 5 | | | | | | | | 7 | | | | |

Notes:

1. Compounds detected in one or more samples are presented on this table.
2. Analytical testing completed by Free-Col Laboratory except the NYSDEC April 2008 split sample which was tested by Test America. Samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 Target Compound List (TCL), only.
3. NYSDEC Class GA criteria obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), June 1998.
4. ug/L = part per billion (ppb).
5. Blank indicates compound was not detected.
6. **BOLD** values exceeding guidance criteria.



DELPHI
THERMAL AND INTERIOR SYSTEMS

LEGEND:

- MW-7-2 APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELL INSTALLED NOVEMBER 2007.
- MW-11 APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELL INSTALLED PREVIOUSLY.

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

| | |
|---|-------------------------|
| <p>DELPHI AUTOMOTIVE SYSTEMS DELPHI LOCKPORT FACILITY 200 UPPER MOUNTAIN ROAD, LOCKPORT, NEW YORK DOWNGRADIENT MONITORING WELL SAMPLING - APRIL 2008</p> | <p>SITE PLAN</p> |
| <p>APPROXIMATE SCALE IN FEET</p> | |
| <p>PROJECT No. 21.0056372</p> | |
| <p>FIGURE No. 1</p> | |
| <p>DRAWN BY: DEW DATE: MAY 2008</p> | |
| <p>GZA GeoEnvironmental of New York</p> | |

ATTACHMENT 2

MW-6-2 FIELD MEASURED WATER QUALITY READINGS

MONITORING WELL OBSERVATIONS & GROUNDWATER SAMPLING LOG

PAGE 1 OF 2

Delphi Thermal, Lockport, NY

Date: 4/15/08

Sampling Personnel: C. Baron

Weather Conditions: Sunny 40°F

Well ID: MW-6-2

Time In: 850

Time Out: 1230

WELL CONDITION

Well Locked: Y N

J-Plug Intacted: Y N

Does well appear to be functioning properly: Y N

Condition of Surface Seal: Good

Condition of Riser Pipe: Good

PID Rerading at Top of Well: NA ppm

WELL WATER INFORMATION

Depth of Water: 3.56

Length of Water Column: 22.59

Depth of Well (from Log): 26.15 (TOR)

Length of Time Pumping: 67 min

Total Volume Removed: 8 gallons

Well Purge Pumping Rate: 0.2 gals/min

Sheen Observed: Y N

DNAPL Observed: Y N

Did Well Go Dry: Y N

| PARAMETER STABILITY | | SAMPLING INFORMATION |
|---------------------|-----------|-----------------------------------|
| pH | +/- 0.1 | Sample ID: MW-6-2 |
| Conductivity | +/- 3% | Sampe Time: 10LB |
| Temperature | +/- 10% | # of Sample Containers: 3 |
| Turbidity | +/- 10% | Duplicate Sample ID: NYSDEC Split |
| ORP | +/- 10 mV | Sample Analysis: Sample Collected |
| DO | +/- 10% | Analysis: 3260 TCL |

Test America

Reading:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| 907 ¹ | 914 ² | 922 ³ | 930 ⁴ | 938 ⁵ | 947 ⁶ |
|------------------|------------------|------------------|------------------|------------------|------------------|

Time:

| Cumulative Volume Purged | 0 pump closed gals | 1 gals | 2 pump closed gals | 3 gals | 4 gals | 5 gals | NOTES |
|--------------------------|--------------------|--------|--------------------|--------|--------|--------|-------|
| Depth to Water | 4.37 | 4.78 | 4.55 | 4.42 | 4.40 | 4.40 | |
| pH | 6.52 | 6.59 | 6.67 | 6.70 | 6.73 | 6.75 | |
| Conductance (mS/cm) | 4.788 | 4.734 | 4.620 | 4.646 | 4.662 | 4.674 | |
| Turbidity (NTUs) | 6.8 | 56.4 | 342 | 178 | 9.9 | 5.5 | |
| Temperature (°C) | 9.27 | 9.50 | 9.57 | 9.68 | 9.67 | 9.68 | |
| DO (mg/L) | 7.56 | 4.39 | 3.71 | 3.21 | 2.88 | 2.59 | |
| ORP (mV) | 205.7 | 193.2 | 84.1 | 50.2 | 42.3 | 39.2 | |

Water Quality Meter: YSI 6820 w/ Flow thru Cell
 Peristaltic Pump: Geopump
 Tubing Type: Polyethylene

Miscellaneous Observations/Notes/Problems

1 well vol: 3.6 gal
 Constant head establish at 3 gals.

MONITORING WELL OBSERVATIONS & GROUNDWATER SAMPLING LOG

PAGE 2 OF 2

Delphi Thernal, Lockport, NY

Well ID: MMW-6-2

Date: 4/15/08

Time In: 850

Sampling Personnel:

SEE PAGE 1

Time Out: 1030

Weather Conditions:

WELL CONDITION

Well Locked: Y N

J-Plug Intacked: Y N

Does well appear to be functioning properly: Y N

Condition of Surface Seal: _____

Condition of Riser Pipe: _____

PID Rerading at Top of Well: _____ ppm

WELL WATER INFORMATION

Depth of Water:

Length of Water Column:

Depth of Well (from Log):

Length of Time Pumping:

Total Volume Removed:

Well Purge Pumping Rate:

Sheen Observed: Y N

DNAPL Observed: Y N

Did Well Go Dry: Y N

PARAMETER STABILITY

| | |
|--------------|-----------|
| pH | +/- 0.1 |
| Conductivity | +/- 3% |
| Temperature | +/- 10% |
| Turbidity | +/- 10% |
| ORP | +/- 10 mV |
| DO | +/- 10% |

SAMPLING INFORMATION

| |
|-------------------------------|
| Sample ID: <u>SEE PAGE 1</u> |
| Sampe Time: _____ |
| # of Sample Containers: _____ |
| Duplicate Sample ID: _____ |
| Sample Analysis: _____ |
| _____ |
| _____ |

Reading: _____

| | | | | | | |
|-------|-------------------------|--------------------------|--------------------------|---|---|---|
| Time: | <u>958</u> ¹ | <u>1006</u> ² | <u>1014</u> ³ | 4 | 5 | 6 |
|-------|-------------------------|--------------------------|--------------------------|---|---|---|

| Cumulative Volume Purged | <u>6</u> gals | <u>7</u> gals | <u>8</u> gals | gals | gals | gals | gals | NOTES |
|--------------------------|---------------|---------------|---------------|------|------|------|------|-------|
| Depth to Water | <u>4.43</u> | <u>4.41</u> | <u>4.42</u> | | | | | |
| pH | <u>6.75</u> | <u>6.76</u> | <u>6.67</u> | | | | | |
| Conductance (mS/cm) | <u>4.719</u> | <u>4.697</u> | <u>4.718</u> | | | | | |
| Turbidity (NTUs) | <u>3.9</u> | <u>3.7</u> | <u>3.7</u> | | | | | |
| Temperature (°C) | <u>9.73</u> | <u>9.77</u> | <u>9.81</u> | | | | | |
| DO (mg/L) | <u>2.50</u> | <u>2.30</u> | <u>2.21</u> | | | | | |
| ORP (mV) | <u>38.1</u> | <u>37.7</u> | <u>38.4</u> | | | | | |

Water Quality Meter:

Peristaltic Pump:

Tubing Type:

Miscellaneous Observations/Notes/Problems

ATTACHMENT 3

FREE COL LABORATORIES ANALYTICAL REPORT

TEST AMERICA ANALYTICAL REPORT

FREE-COL LABORATORIES

a Division of Modern Industries, Inc.

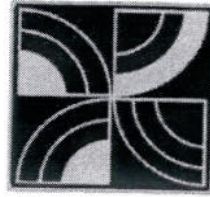
11618 Cotton Road

Meadville, PA 16335

Phone: (814) 724-6242

FAX: (814) 333-1466

www.free-col.com



ENVIRONMENTAL
INDUSTRIAL HYGIENE
MATERIALS RESEARCH
FOOD SCIENCE
SAMPLING/FIELD SERVICES

STATE CERTIFIED
AIHA CERTIFIED

Delphi Energy & Engine

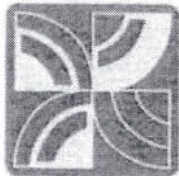
SAMPLE DATE(S)

04/15/08

P.O. 460016825

Report Reviewed and approved by:

A handwritten signature in black ink, appearing to read "James M. [unclear]", is written over a horizontal line.



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: 2008:0003616

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

Company Name: Delphi Energy & Engine

Date Received 4/15/2008

Contact Name: Mr. Rick Eisenman

Time Received: 18:30

Delivered By: MRD-Erie Driver

100 Lexington Ave.
Rochester NY 14606-2810

P.O. 460016825

Printed on 04/25/2008 at 02:20PM

Sample ID: 2008:0003616-1

Client's Sample ID: MW-6-2

Date Sampled: 4/15/2008 Time Sampled: 10:18

Date Received: 4/15/2008

| Analyte | Result | Units | Date Analyzed | Start Time | Analyst | Method Source |
|-----------------------------|--------|-------|---------------|------------|---------|---------------|
| Organics | | | | | | |
| Chloromethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Bromomethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Vinyl Chloride | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Chloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Methylene chloride | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Acetone | <0.010 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Carbon Disulfide | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,1-Dichloroethene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,1-Dichloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,2-Dichloroethenes (Total) | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Chloroform | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,2-Dichloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 2-Butanone | <0.010 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,1,1-Trichloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Carbon Tetrachloride | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Vinyl Acetate | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Bromodichloromethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,1,2,2-Tetrachloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,2-Dichloropropane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| trans-1,3-Dichloropropene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Trichloroethene | 0.004 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Dibromochloromethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 1,1,2-Trichloroethane | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Benzene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| cis-1,3-Dichloropropene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 2-Chloroethylvinylether | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Bromoform | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 2-Hexanone | <0.010 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| 4-Methyl-2-Pentanone (MIBK) | <0.010 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Tetrachloroethene | <0.002 | mg/L | 04/23/08 | 22:39 | 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

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Certificate Of Analysis

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 Delivered By: MRD-Erie Driver

100 Lexington Ave.
 Rochester NY 14606-2810

P.O. 460016825

Printed on 04/25/2008 at 02:20PM

| | | | |
|----------------------|----------------|----------------------------|-----------|
| Sample ID: | 2008:0003616-1 | Client's Sample ID: | MW-6-2 |
| Date Sampled: | 4/15/2008 | Time Sampled: | 10:18 |
| | | Date Received: | 4/15/2008 |

| Analyte | Result | Units | Date Analyzed | Start Time | Analyst | Method Source |
|---------|--------|-------|---------------|------------|---------|---------------|
|---------|--------|-------|---------------|------------|---------|---------------|

Organics (Continued)

| | | | | | | |
|--------------------------|--------|------|----------|-------|---------|--------------|
| Toluene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Chlorobenzene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Ethylbenzene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Styrene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| Xylenes (total) | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| cis-1,2-Dichloroethene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| trans-1,2-Dichloroethene | <0.002 | mg/L | 04/23/08 | 22:39 | Perrine | SW-846 8260B |
| CC: GZA | | | | | | |

3616

CHAIN-OF-CUSTODY RECORD

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

| 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 | Total No of Cont | Note # |
|-------------|-------------------|---|--|------------------|--------|
| MW-6-2 | 4/15/2008, 10:18 | GW | <input type="checkbox"/> pH <input type="checkbox"/> Cond <input checked="" type="checkbox"/> EPA 8260 - Methane, Ethane, Ethene <input checked="" type="checkbox"/> EPA 8260 - Target Compound List <input type="checkbox"/> EPA 8260 - STARS List <input type="checkbox"/> EPA 8021 - Full List <input type="checkbox"/> EPA 8021 - STARS List <input type="checkbox"/> EPA 524 2 DW VOCs <input type="checkbox"/> EPA 624 WW VOCs <input type="checkbox"/> EPA 601 <input type="checkbox"/> 602 WW VOCs <input type="checkbox"/> EPA 8270 SVOCs - Full List <input type="checkbox"/> EPA 8270 STARS (PAHs) <input type="checkbox"/> EPA 8270 <input type="checkbox"/> A <input type="checkbox"/> BN <input type="checkbox"/> EPA 625 WW SVOCs <input type="checkbox"/> EPA 8082-PCBs <input type="checkbox"/> EPA 8081-PeA <input type="checkbox"/> TPH-GC (Mod 8100) <input type="checkbox"/> TPH-GC w/PLING <input type="checkbox"/> Metals <input type="checkbox"/> PPM-13 <input type="checkbox"/> Metals <input type="checkbox"/> R-8 <input type="checkbox"/> Metals <input type="checkbox"/> TAL List <input type="checkbox"/> Metals <input type="checkbox"/> TAL List w/ CN <input type="checkbox"/> Metals (List Below) ** <input type="checkbox"/> TCLP - Specify Below <input type="checkbox"/> SPLP - Specify Below <input type="checkbox"/> EPA 300 <input type="checkbox"/> Cl <input type="checkbox"/> NO3 <input type="checkbox"/> SO4 | 3 | 1 |

PRESERVATIVE (Cl-HCl, M-Methanol, N-HNO3, S-H2SO4, Na-NaOH, O-Other) *
 CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other) *
 RELINQUISHED BY: Chris Baran 4/15/07
 RECEIVED BY: [Signature] 4/15/08
 RELINQUISHED BY: [Signature] 4/15/08
 RECEIVED BY: [Signature] 4/15/08
 RELINQUISHED BY: [Signature] 4/15/08
 RECEIVED BY: [Signature] 4/15/08

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

Analysis to be billed to Delphi directly, Rick Eisenman

TURNAROUND TIME: 3 Days, Approved by: _____
 LAB USE: _____
 TEMP. OF COOLER: _____ °C
 Temp Blank _____
 Cooler Air _____

GZA FILE NO: 21.0056372.0 TASK NO: _____ P.O. NO. _____
 PROJECT: Delphi
 LOCATION: Lockport, Ny
 COLLECTOR(S): Chris Baran SHEET 1 OF 1

Project Manager: Chris Baran
GZA GEOENVIRONMENTAL, INC.
 535 Washington Street
 11th Floor
 Buffalo, NY 14225
 (716) 685-2300
 FAX (716) 685-3629

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

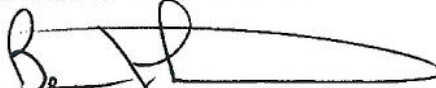
ANALYTICAL REPORT

Job#: A08-4004

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Delphi Thermal: Site #932113

Mr. Glenn May
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

TestAmerica Laboratories Inc.



Brian J. Fischer
Project Manager

04/28/2008



TestAmerica Buffalo Current Certifications

As of 6/15/2007

| STATE | Program | Cert # / Lab ID |
|----------------|----------------------------------|------------------------|
| Arkansas | SDWA, CWA, RCRA, SOIL | 88-0686 |
| California* | NELAP CWA, RCRA | 01169CA |
| Connecticut | SDWA, CWA, RCRA, SOIL | PH-0568 |
| Florida* | NELAP CWA, RCRA | E87672 |
| Georgia* | SDWA, NELAP CWA, RCRA | 956 |
| Illinois* | NELAP SDWA, CWA, RCRA | 200003 |
| Iowa | SW/CS | 374 |
| Kansas* | NELAP SDWA, CWA, RCRA | E-10187 |
| Kentucky | SDWA | 90029 |
| Kentucky UST | UST | 30 |
| Louisiana* | NELAP CWA, RCRA | 2031 |
| Maine | SDWA, CWA | NY0044 |
| Maryland | SDWA | 294 |
| Massachusetts | SDWA, CWA | M-NY044 |
| Michigan | SDWA | 9937 |
| Minnesota | SDWA, CWA, RCRA | 036-999-337 |
| New Hampshire* | NELAP SDWA, CWA | 233701 |
| New Jersey* | NELAP, SDWA, CWA, RCRA, | NY455 |
| New York* | NELAP, AIR, SDWA, CWA, RCRA, CLP | 10026 |
| Oklahoma | CWA, RCRA | 9421 |
| Pennsylvania* | Registration, NELAP CWA, RCRA | 68-00281 |
| Tennessee | SDWA | 02970 |
| USDA | FOREIGN SOIL PERMIT | S-41579 |
| USDOE | Department of Energy | DOECAP-STB |
| Virginia | SDWA | 278 |
| Washington | CWA, RCRA | C1677 |
| West Virginia | CWA, RCRA | 252 |
| Wisconsin | CWA, RCRA | 998310390 |

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

SAMPLE SUMMARY

| <u>LAB SAMPLE ID</u> | <u>CLIENT SAMPLE ID</u> | <u>MATRIX</u> | <u>SAMPLED</u> | | <u>RECEIVED</u> | |
|----------------------|-------------------------|---------------|----------------|-------------|-----------------|-------------|
| | | | <u>DATE</u> | <u>TIME</u> | <u>DATE</u> | <u>TIME</u> |
| A8400401 | MW-6-2 | WATER | 04/15/2008 | 10:18 | 04/15/2008 | 11:40 |

METHODS SUMMARY

Job#: A08-4004Project#: NY5A946109Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

| <u>PARAMETER</u> | <u>ANALYTICAL METHOD</u> |
|----------------------------------|------------------------------|
| NYSDEC - AQUEOUS-SW8463 TCL 8260 | SW8463 8260 |

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-4004Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACTGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-4004

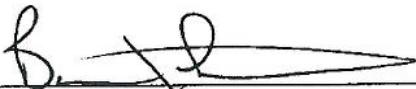
Sample Cooler(s) were received at the following temperature(s); 20.2 °C
Samples were received at a temperature of 20.2°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."



Brian J. Fischer
Project Manager

4-28-08

Date



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- † Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit.
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 04/28/2008
 Time: 08:29:29

NYSDEC
 NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
 NYSDEC Spills - Delphi Thermal: Site #932113

8/9 Page: 1
 Rept: AN1178

Sample ID: MW-6-2
 Lab Sample ID: A8400401
 Date Collected: 04/15/2008
 Time Collected: 10:18

Date Received: 04/15/2008
 Project No: NY5A946109
 Client No: L10190
 Site No:

| Parameter | Result | Flag | Detection | | | Date/Time | | Analyst |
|---------------------------------------|--------|------|-----------|-------|--------|------------|-------|---------|
| | | | Limit | Units | Method | Analyzed | | |
| NYSDEC - AQUEOUS-SW8463 TCL 8260 | | | | | | | | |
| 1,1,1-Trichloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,1,2-Trichloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,1-Dichloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,1-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2-Dibromo-3-chloropropane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2-Dibromoethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2-Dichloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,2-Dichloropropane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,3-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 1,4-Dichlorobenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 2-Butanone | ND | | 5.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 2-Hexanone | ND | | 5.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| 4-Methyl-2-pentanone | ND | | 5.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Acetone | ND | | 5.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Benzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Bromodichloromethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Bromoform | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Bromomethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Carbon Disulfide | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Carbon Tetrachloride | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Chlorobenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Chloroethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Chloroform | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Chloromethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| cis-1,2-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| cis-1,3-Dichloropropene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Cyclohexane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Dibromochloromethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Dichlorodifluoromethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Ethylbenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Isopropylbenzene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Methyl acetate | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Methyl-t-Butyl Ether (MTBE) | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Methylcyclohexane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Methylene chloride | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Styrene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Tetrachloroethene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Toluene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Total Xylenes | ND | | 3.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| trans-1,2-Dichloroethene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| trans-1,3-Dichloropropene | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Trichloroethene | 4.2 | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Trichlorofluoromethane | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |
| Vinyl chloride | ND | | 1.0 | UG/L | 8260 | 04/25/2008 | 05:16 | ND |

**Chain of
Custody Record**

STL-4124 (0901)
 Client: **NYSDC**
 Address: **270 Michigan Ave**
 City: **Buffalo** State: **NY** Zip Code: **14203**
 Project Name and Location (State): **Delphi Thermal, 932113**
 Contract/Purchase Order/Quote No. _____

Project Manager: **Glenn M. May**
 Telephone Number (Area Code)/Fax Number: **716-851-7220**
 Site Contact: **G. May** Lab Contact: **B. Fischer**
 Carrier/Waybill Number: _____

Date: **4-15-08** Chain of Custody Number: **190827**
 Lab Number: _____ Page **1** of **1**

| Sample I.D. No. and Description (Containers for each sample may be combined on one line) | Date | Time | Matrix | | | Containers & Preservatives | | | | | Special Instructions/ Conditions of Receipt | |
|---|----------------|-------------|----------|---------|------|----------------------------|-------|------|-----|------|--|-----------|
| | | | Air | Aqueous | Soil | Unpres. | H2SO4 | HNO3 | HCl | NaOH | | ZnAc/NaOH |
| MW-6-2 | 4/15/08 | 1018 | X | | | | | | | | | |
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Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months
 (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other: **10 day TAT**

1. Relinquished By: **Glenn M May** Date: **4/15/08** Time: **1140**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: **20.20**