

**PROGRESS REPORT NO. 11  
REMEDIAL INVESTIGATION  
DELPHI FACILITY  
1000 LEXINGTON AVENUE  
ROCHESTER, NEW YORK  
Registry Site No. 8-28-064  
EPA ID No. NYD002215234**

by

**Haley & Aldrich of New York  
Rochester, New York**

for

**Delphi Corporation  
Rochester, New York**

RECEIVED  
DEC 29 2004  
DER/HAZ. WASTE REMED  
REGION 8

**File No. 70014-054  
December 2004**

**HALEY &  
ALDRICH**

## HALEY & ALDRICH

23 December 2004  
File No. 70014-054

New York State Department of  
Environmental Conservation  
Division of Environmental Remediation  
Region 8  
6274 East Avon-Lima Road  
Avon, New York 14414-9519

Attention: Regional Hazardous Waste Remediation Engineer

Subject: Progress Report No. 11  
Remedial Investigation  
Delphi Facility  
1000 Lexington Avenue  
Rochester, New York  
Registry Site No. 8-28-064, EPA ID No. NYD002215234

### OFFICES

Boston  
Massachusetts

Cleveland  
Ohio

Dayton  
Ohio

Detroit  
Michigan

Hartford  
Connecticut

Kansas City  
Kansas

Los Angeles  
California

Manchester  
New Hampshire

Parsippany  
New Jersey

Portland  
Maine

San Diego  
California

Santa Barbara  
California

Tucson  
Arizona

Washington  
District of Columbia

Ladies and Gentlemen:

Please find enclosed two copies of Progress Report No. 11 for NYSDEC Registry Site No. 8-28-064. This is the eleventh progress report covering Remedial Investigation (RI) activities performed at the Delphi Corporation (Delphi) facility located at 1000 Lexington Avenue in the City of Rochester, Monroe County, New York. The Delphi facility property is hereinafter referred to as the "site." The site location is shown on Figure 1 of this report.

This report covers RI activities performed during the period 1 September through 30 November 2004. Investigative activities performed during the reporting period included a groundwater-level measurement and groundwater-sampling event, groundwater sampling and analysis for monitored natural attenuation (MNA) parameters, testing of an oil-water separator for the discharge from Tank Farm Area LNAPL recovery well RW-2.

This Progress Report is submitted on behalf of Delphi. It has been prepared in accordance with the terms of an Order On Consent between NYSDEC and Delphi ("RI/FS Order," Index # B8-0531-98-06).

Haley & Aldrich of New York  
200 Town Centre Dr.  
Suite 2  
Rochester, NY 14623-4264  
  
Tel: 585.359.9000  
Fax: 585.359.4650  
HaleyAldrich.com

NYSDEC  
12/23/2004  
Page 2

Please feel free to contact us if you have any questions regarding this report.

Sincerely yours,  
HALEY & ALDRICH OF NEW YORK



*for* Michael G. Beikirch  
Senior Hydrogeologist



Thomas D. Wells  
Senior Environmental Geologist



Jeffrey E. Loney  
Vice President

Enclosures

c: Delphi Corporation - R. Eisenman, K. Jones  
NYSDEC Environmental Enforcement Division, Buffalo - M. Desmond, Senior  
Attorney  
NYSDEC Environmental Remediation Division, Albany - E. Belmore, Chief Western  
Section  
MCDOH - R. Elliott  
NYSDOH - M. Forcucci

G:\Projects\70014\054\Qtly\_Reports\No.11\Qtly Rpt #11.doc



## TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES	ii
I. INTRODUCTION	1
II. RI/FS ACTIVITIES COMPLETED	2
2.01 Remedial Investigation Activities	2
A. Groundwater Monitoring	2
B. East Parking Lot Intermediate-Bedrock Zone LNAPL	2
C. Natural Attenuation Assessment	2
D. Laboratory Analysis and Data Validation	6
2.02 Recovery Well RW-2 Testing	6
2.03 Abandonment of R-242	7
III. UPCOMING RI/FS ACTIVITIES	8
3.01 Supplemental Remedial Investigations	8
3.02 Proposed Amendment of the Groundwater Monitoring Program	8
IV. CITIZEN PARTICIPATION ACTIVITIES	8
REFERENCES	9
TABLES	
FIGURES	
APPENDIX A - Water Level Measurement and Well Sampling Records	
APPENDIX B - MNA Sampling Records	



## LIST OF TABLES

Table No.	Title
1	Summary of October 2004 Groundwater- and LNAPL-Level Measurements
2	Summary of October 2004 Groundwater Analysis Results – VOCs
3	Summary of October 2004 Groundwater Analysis Results – SVOCs
4	Summary of October 2004 Groundwater Analysis Results – PCBs
5	Summary of October 2004 Groundwater Analysis Results – Metals
6	Summary of October 2004 LNAPL Analysis Results – Total Organic Halogens
7	Summary of November 2004 MNA Analysis Results – Field Parameters
8	Summary of November 2004 MNA Analysis Results – VOCs
9	Summary of November 2004 MNA Analysis Results – Other Laboratory Parameters
10 - 12	Summary of Analysis Results for Wastewater and Recovered Oil from the RW-2 Recovery Well Oil/Water Separator Test

## LIST OF FIGURES

Figure No.	Title
1	Project Locus
2	Sampling and Analysis Location Plan
3	October 2004: Groundwater Elevation Contour Plan - Overburden/Shallow-Bedrock Zone
4	October 2004: Groundwater Elevation Contour Plan - Intermediate-Bedrock Zone
5	October 2004: Groundwater Elevation Posting Plan - Deep-Bedrock Zone

## I. INTRODUCTION

This report is the eleventh Progress Report covering remedial investigation (RI) activities performed at the Delphi Corporation facility located at 1000 Lexington Avenue in the City of Rochester, Monroe County, New York. The Delphi property is hereinafter referred to as the "site." The site location is shown on Figure 1.

This report has been prepared in accordance with the terms of an Order On Consent between the New York State Department of Environmental Conservation (NYSDEC) and Delphi for a remedial investigation and feasibility study of the Delphi site ("RI/FS Order," Index # B8-0531-98-06). The Delphi site is listed as Site # 8-28-064 on the New York State Registry of Inactive Hazardous Waste Disposal Sites, and it is identified under state and federal programs regulating management of hazardous waste by its U.S. Environmental Protection Agency (EPA) identification number NYD002215234.

Progress Report No.11 covers RI activities performed during the period of 1 September through 30 November 2004. Activities performed during the reporting period included:

- a 'semi-annual' groundwater monitoring event conducted in October that included a) measurement of water and light non-aqueous phase liquid (LNAPL) levels at all readily-accessible on- and off-site monitoring wells, and b) sampling of groundwater in the wells installed during the RI (since November 2001 - wells installed during previous site investigations were not included) and of LNAPL in six wells in the East Parking Lot Area;
- a second groundwater sampling and analysis event conducted in November to evaluate monitored natural attenuation (MNA) parameters;
- laboratory analysis of the groundwater and LNAPL samples collected during the reporting period;
- sampling and laboratory analysis of LNAPL and groundwater during testing of an oil-water separator installed to handle the discharge from the Tank farm Area recovery well RW-2;
- validation of laboratory data; and
- abandonment of well R-242 (necessitated by road reconstruction on Lexington Avenue).

This report presents the results of the activities performed during this reporting period and describes the activities to be undertaken during the next period of the RI. The report includes text, tables summarizing sample data, and figures showing investigation locations and data summaries. Appendices containing field data and records are attached to the end of the report.



## **II. RI/FS ACTIVITIES COMPLETED**

### **2.01 Remedial Investigation Activities**

#### **A. Groundwater Monitoring**

A groundwater-monitoring event was performed during 18 through 20 October 2004. The monitoring event was the eighth such event of the RI. It was performed in accordance with the RI/FS Work Plan groundwater-monitoring specifications and schedule and the supplemental sampling protocol outlined in 26 June and 11 September 2003 letters from Haley & Aldrich (H&A) to NYSDEC.

The October 2004 event represented the second of the sampling events specified in the Work Plan as 'semi-annual' events. Free-Col Laboratories of Meadville, Pennsylvania performed water level measurements and collected all 'semi-annual' event samples. The monitoring performed included measurement of groundwater and LNAPL levels in all readily-accessible on- and off-site wells. Monitoring well SR-110, where dense NAPL (DNAPL) had been encountered on one previous occasion, was again checked for DNAPL (none was detected). Groundwater sampling was then performed at the twenty-four on-site and off-site non-LNAPL monitoring wells installed since the beginning of the RI in November 2001.

Monitoring well locations are shown on the site plan presented in Figure 2. Groundwater and LNAPL level measurements and groundwater sampling records from October 2004 are presented in Appendix A, and the field data are summarized on Table 1. Lab analysis results are presented in Tables 2 through 5. Groundwater contour plans based on the October data are presented in Figures 3 through 5. Figures 3 through 5 show groundwater elevations and LNAPL layer thickness measured in the overburden/shallow-bedrock, intermediate-bedrock, and deep-bedrock groundwater zones, respectively.

#### **B. East Parking Lot Intermediate-Bedrock Zone LNAPL**

In order to further evaluate a potential source of the LNAPL present in the East Parking Lot area of the Site, sampling and analysis of six LNAPL samples was performed. Cutting oils used in Plant 1 manufacturing processes, a potential source of the East Parking Lot LNAPL, were known to contain "chlorinated paraffins" in their formulation. Therefore, five intermediate-bedrock zone wells in the East Parking Lot area and one shallow-bedrock well (SR-312) within the east end of Plant 1 were sampled by Free-Col Laboratories on 18-19 October and analyzed by Free-Col for Total Organic Halogens (TOH). Analysis results are presented in Table 6.

#### **C. Natural Attenuation Assessment**

Natural attenuation is a combination of physical, chemical and biological processes including biodegradation, sorption, dilution, diffusion, dispersion, volatilization, and



chemical transformation that act to reduce measurable contaminant concentrations in the subsurface environment. Some of the processes, namely biodegradation and chemical transformation, are destructive and act to reduce contaminant mass. Evidence of intrinsic degradation of chlorinated solvent contaminants at the site has been indicated by relatively high proportions of degraded solvent compound daughter products like dichloroethylene (DCE) and vinyl chloride detected in site groundwater since site investigations began in the 1980s.

In accordance with the RI/FS work Plan, on-site and off-site wells were chosen for a supplemental monitoring event focused on sampling and analysis to evaluate groundwater conditions across the site that would be indicative of and/or influence the processes of intrinsic or natural degradation of volatile organic compounds (VOCs). Well selection for the MNA event was based on factors such as location relative to contaminant plumes, geologic horizon (depth), and absence of LNAPL in the well. Upgradient, source-area, mid-plume, and downgradient wells from the shallow- (SR) and intermediate- (R) bedrock horizons were selected. The following wells were sampled: SR-231, SR-101, R-101, R-308, R-11, R-131, SR-131, R-132, SR-132, R-103, SR-301, R-108, R-307, R-306, R-303, and SR-303. The locations of these wells are shown on Figure 2.

The suite of MNA analysis parameters originally proposed in Table IV of the RI/FS Work Plan included alkalinity, pH, sulfate, sulfide, nitrate, nitrite, chloride, Total Kjeldahl Nitrogen (TKN), dissolved oxygen (DO), and other applicable parameters. For the November 2004 sampling event, nitrogen, ammonia, phosphorus, total iron and total and dissolved manganese, VOCs, methane, ethane, ethane, dissolved organic carbon (DOC), carbon dioxide, conductivity, temperature, and oxidation-reduction potential (ORP) were added to this list.

The detailed results of the MNA analyses are presented in Tables 7 (field analysis data), 8 (VOCs), and 9 (laboratory analysis of parameters other than VOCs). A summary table showing MNA field and lab results and VOC detections for each well is presented on the second page following, and a brief discussion of the results follows below.

#### 1. Results of MNA Sampling Event

Overall, redox potential and very low dissolved oxygen levels indicate that site conditions are suitable for strong reductive dechlorination of chlorinated VOCs. The redox conditions are apparently sufficient to maintain continued dechlorination.

Chloride concentrations detected in site samples can be only partially attributed to the mineralization of chlorinated solvents, since upgradient wells exhibit significant chloride levels. However, other likely products of the mineralization of chlorinated solvents, such as ethene, were detected at relatively high concentrations at mid-plume and downgradient locations.

Since sulfate, even at extremely low levels, inhibits methanogenesis, the methane observed is likely originating from the petroliferous Rochester Shale (the bedrock unit that underlies the site) and not from methanogenesis within the contaminant plume. This is important to note since methanogenesis (production of methane by reduction of carbon) is a process that consumes free hydrogen which could otherwise be utilized in reductive dechlorination processes. It is believed that methanogenesis can preclude reductive dechlorination. The presence of dehalogenated daughter products indicates that reductive dechlorination is not being prevented by methanogenesis. Since dechlorination is occurring in the presence of relatively high levels of both sulfate and methane, we conclude that methanogenesis is not likely to be the primary source of the methane.

We consider it likely that the presence of secondary gypsum in the Rochester Shale in bedding-plane seams, fractures, vugs, and as fossil replacement is a cause of the high concentrations of sulfate detected in the groundwater. Given the redox conditions of the aquifer, it is likely that sulfate levels would be considerably lower if gypsum was less abundant in the bedrock matrix.

The levels of chlorinated solvent parent and daughter compounds suggest that biodegradation is occurring without significant impediments to any degradation step. With the exception of three wells (R-131, R-103 and R-308), little or no "stacking" at cis-1,2-DCE is occurring. This suggests the microbial consortia present at the site are capable of and are actively degrading all the halogenated contaminants. Even in the three wells with elevated cis-1,2-DCE levels, vinyl chloride and ethene are still detected in measurable concentrations. This suggests that complete reductive degradation may be slowed but not stopped. While it is thermodynamically easier to degrade the less-chlorinated solvent compounds in an oxidative environment, the aquifer ORP is apparently low enough at the site to continue mineralization reductively.

The summary table showing results of MNA parameter analyses is presented on the following page.



## Summary of Results for the November 2004 Natural Attenuation Assessment

All concentrations are in parts per million (mg/L) unless otherwise noted.

Blank space indicates parameter not detected.

Refer to Tables 7 through 9 for detailed results.

WELL	R-11	SR-101	R-101	SR-231	SR-131	R-131	R-103	SR-132	R-132	R-108	SR-303	R-303	SR-301	R-308	R-306	R-307
<b>Non-contaminant parameters</b>																
Field ORP/eH (mv)	-182	-286	-212	-11	-140	-137	-86	-37	-12	-108	-60	-7	149	-342	-278	66
Field DO	0.2	0.4	0.2	0.4	0.6	0.2	0.3	1.2	0.5	0.3	2.1	4.8	1.8	0.3	0.4	0.9
Field Conductivity (us/cm)	2.0	4.4	34.7	4.1	3.1	2.6	3.7	4.7	12.2	6.7	1.2	5.8	4.5	3.7	3.8	3.8
Chloride	344	1110	9880	1030	875	450	875	1100	1800	1030	156	1430	1190	928	1860	803
Sulfate	290	140	4600	130	88	88	40	99	2500	1100	60	800	41	170	39	100
Sulfide, Direct	3.5	0.7	2	0.9	0.6	4	1.3		0.2	3			0.5	8.2	0.9	
Nitrogen, Ammonia	0.96	0.17	8.53	0.62	0.57	1.27	1.1	0.74	3.75	2.73	0.06	1.44	0.12	0.6	0.17	0.07
Nitrogen, Total Kjeldahl	1.4	0.7	9.7	1	1.3	2	2	1.4	4.5	3.1	0.4	1.9	0.4	0.8	0.4	0.6
Nitrogen, Nitrate			0.13									1.34				0.75
Nitrogen, Nitrite												0.1				
Iron	27.9	0.25	112	0.05	3.17	14.1	6.17	5.9	12.8	12.3	0.16	0.66	0.11	0.65	1.86	0.37
Field Iron	1.2		6		2.2	4.1	1.8	3.3	3.8	4				0.2	1.2	
Manganese	0.52	0.07	4.51	0.02	0.48	0.18	0.07	0.61	0.38	0.24	0.02	0.08	0.09	0.02	0.09	
Manganese, Filtered	0.24	0.06	3.92	0.02	0.47	0.19	0.06	0.63	0.16	0.34	0.01	0.08	0.09	0.02	0.09	
Field pH	7.6	7.3	7.1	7.2	7.6	7.4	7.2	7.3	7.1	7.3	7.3	7.3	7.2	7.4	7.4	7.1
Field Alkalinity	300	410	220	320	360	500	500	520	500	440	380	220	400	400	430	420
Field CO2	235	175	50	105	230	195	330	145	285	295	230	140	180	237	225	240
Field Turbidity (NTU)	589	35	119	8	37	59	34	47	53	34	22	14	18	1	20	40
Field Temp (C)	12	15	13	25	14	16	12	16	15	12	12	13	14	14	12	13
Diss. Organic Carbon	3	3	2	5	18	16	13	30	2	4	5	2	6	6	4	5
Phosphorus, Total	0.12	0.02		0.01	0.01	0.02		0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.03
<b>Chlorinated VOCs</b>																
TCE						0.003	0.52						0.019	0.002		
cis-1,2-DCE			0.006	1.4	0.062	8	11.5	0.004		0.052		0.003	0.016	2.9	0.015	
trans-1,2-DCE				0.014		0.077	0.053							0.012		
1,1-DCA	0.003			0.008		0.011	0.021							0.011		
1,1-DCE						0.011	0.029							0.006		
Vinyl Chloride			0.003	0.078	0.05	31	6			0.32				5.3	0.009	
<b>End-product gases</b>																
Ethene				0.016	0.006	2.3	0.36			0.34				0.15	0.011	
Ethane	0.066		9.8		0.009	0.26	0.048	0.012	0.013	0.03				0.013	0.023	
Methane	0.26	0.008	12	0.19	0.73	13	4.4	0.26	0.4	1.6	0.002	0.002	0.004	0.41	6.5	0.003
<b>Other VOCs detected</b>																
1,2,4-Trimethylbenzene							0.003									
1,3,5-Trimethylbenzene							0.004									
2-Butanone (MEK)						0.002										



#### **D. Laboratory Analysis and Data Validation**

Groundwater and LNAPL samples were submitted to Free-Col Laboratories for analyses of site contaminants using USEPA SW-846 methods.

Laboratory analytical reports for the samples submitted were received during this reporting period. Haley & Aldrich validated the data presented in the analytical reports in accordance with the U.S. Environmental Protection Agency, National Functional Guidelines for Organic Data Review (EPA 540/R-99/008), National Functional Guidelines for Inorganic Data Review, Final (EPA 540-R-01/008), and method protocol criteria as prescribed by "Test Methods For Evaluating Solid Waste, SW-846, Update III, 1996". No qualification of the analytical results reported by the laboratory was necessary. The validated analytical results are summarized in Tables 2 through 9.

Complete copies of laboratory analysis reports are not presented with this report but are available for review by NYSDEC's project team. An electronic database of validated analytical results for the project samples collected and analyzed during this reporting period will be provided to the NYSDEC project manager under separate cover, and complete copies of laboratory analysis reports will be submitted with the final RI report.

#### **2.02 Recovery Well RW-2 Testing**

Since 1989 Delphi has been recovering LNAPL present on the water table in overburden beneath the Tank Farm Area. LNAPL recovery has been performed at recovery wells (RW-101, RW-2, and RW-3) installed in a gravel-filled trench. From July 1989 to November 1994 a passive skimming operation was used to recover nearly 40,000 gallons of floating product from as many as three recovery wells in the gravel trench. As the rate of recovery decreased in 1993 and 1994, a more aggressive water-table-depression system was implemented. In November 1994 Delphi began pumping groundwater and oil from recovery well RW-2 and discharging the recovered material to the facility's main wastewater treatment plant (WWTP) where it was treated along with oily wastewater from manufacturing operations. This LNAPL recovery operation is described in the Order on Consent, Appendix E, Interim Remedial Measure, Tank Farm Area LNAPL Recovery System. The total liquids recovery process has been in operation since 1994.

In September 2004, Monroe County Pure Waters approved a trial during which Delphi rerouted the discharge from RW-2 to a dedicated oil/water separator (OWS). This change in operation allowed Delphi to track how much LNAPL is recovered from this remediation operation.

The testing began on September 29, 2004. Oil recovered from the RW-2 OWS was collected in a drum, where the volume was tracked, and then transferred to a bulk used-oil tank and ultimately disposed off-site at a used-oil reclamation facility. The wastewater from the OWS was discharged to the combined sewer, subject to an Oil & Grease limit of 100 mg/l and a total VOCs limit of 2.13 mg/l. The test was terminated on November 3, 2004 due to high Oil

& Grease levels detected in a 28 October 2004 sample. During the trial, approximately 450 gallons of oil were recovered (approximately 100 gallons per week).

Results of analyses of periodic OWS wastewater discharge samples are shown below:

Sample Date	Oil & Grease, mg/l	VOCs, mg/l
10/6/04	104	NA
10/13/04	44.5	0.016
10/14/04	84.2	NA
10/18/04	47.4	NA
10/28/04	124	NA

A sample of the recovered oil was analyzed for flash point, PCBs, and VOCs to confirm that the material could be classified as a non-hazardous waste. No PCBs or VOCs were detected in the oil sample. The flash point was 168° F. Detailed analysis results for samples of recovered oil and wastewater from the RW-2 OWS are presented in Tables 10 through 12.

### 2.03 Abandonment of R-242

Reconstruction of Lexington Avenue is currently being undertaken by the city along the southern side of the site. Related sewer-line repair necessitated the abandonment of well R-242, an intermediate-bedrock zone well located on the south side of Lexington Avenue southeast of the Delphi facility and adjacent to the RG&E Substation.

The well, installed in 1999, was not a sentinel well. Groundwater quality data from R-242 have indicated variable, low levels of several metals and occasional VOC detections of contaminants detected at higher concentrations in adjacent and slightly shallower intermediate well R-234.

R-242 was abandoned in November 2004 by the contractor working on the Lexington Avenue project. Closure activities for this well consisted of cutting and removing the uppermost 7.5 feet of steel well casing; placement of five gallons of bentonite pellets down into the open rock hole and bottom two feet of the steel well casing (to 21 ft. bgs); and filling the remaining 13 feet of well casing with concrete. Delphi has no plans to replace the abandoned well.



### **III. UPCOMING RI/FS ACTIVITIES**

The following RI/FS activities are planned for the upcoming reporting period of December 2004 through February 2005.

#### **3.01 Supplemental Remedial Investigations**

The supplemental well installations specified in Work Plan Amendment No. 3 (Appendix C of Quarterly Report No. 10, September 2004) were completed in early December 2004. Related survey and initial sampling activities will be completed during the next reporting period. The sewer investigation activities described in Work Plan Amendment No. 3 will also be initiated if and when weather and access factors permit.

#### **3.02 Proposed Amendment of the Groundwater Monitoring Program**

The October 2004 groundwater monitoring event at the Delphi facility marked the completion of the first two years of the groundwater monitoring specified in the RI/FS Work Plan. From that point forward, the work plan specifies a program of annual monitoring for the duration of the RI. The Work Plan anticipated that more than two years might be needed for completing investigations indoors at the site; however, the RI activities specified in the work plan have for the most part been completed. Aside from the groundwater-monitoring activities associated with the supplemental activities described in Work Plan Amendment No. 3, and any follow-up to those activities that may be necessary, the RI has reached the point where ongoing annual monitoring is not needed. Therefore, a proposed amendment to the Work Plan specifying the scope and schedule of final groundwater monitoring activities for the RI will be prepared and submitted to the Department under separate cover.

### **IV. CITIZEN PARTICIPATION ACTIVITIES**

No citizen participation activities were performed during this reporting period. No citizen participation activities are planned for the next reporting period.

## REFERENCES

Data Summary Report, Previous Remedial Investigations, Delphi Automotive Systems, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, Volume V. Haley & Aldrich of New York, September 1998.

RI/FS Work Plan, Delphi Automotive Systems Facility, 1000 Lexington Avenue, Rochester, Monroe County, New York, Registry Site No. 8-28-064, Volume V. Haley & Aldrich of New York, October 2001.

Quarterly Progress Report No. 1, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA ID No. NYD002215234. Haley & Aldrich of New York, May 2002.

Quarterly Progress Report No. 2. Haley & Aldrich, August 2002.

Quarterly Progress Report No. 3. Haley & Aldrich, November 2002.

Quarterly Progress Report No. 4. Haley & Aldrich, February 2003.

Quarterly Progress Report No. 5. Haley & Aldrich, June 2003.

Quarterly Progress Report No. 6. Haley & Aldrich, September 2003.

Quarterly Progress Report No. 7. Haley & Aldrich, December 2003.

Quarterly Progress Report No. 8. Haley & Aldrich, March 2004.

Quarterly Progress Report No. 9. Haley & Aldrich, June 2004.

Quarterly Progress Report No. 10, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA ID No. NYD002215234. Haley & Aldrich of New York, September 2004.

G:\Projects\70014\054\Qtly\_Reports\No.11\Qtly Rpt #11.doc



TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2004  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 18-20, 2004		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
DR-103	60.68		
DR-105	25.49		
DR-108	Dry		
DR-109	66.50		
DR-11	39.42		
DR-132	35.56		
DR-315	18.57		
MW-2 Photec	7.66		
OW-102	18.52	18.38	0.14
OW-105	21.79		
OW-314	13.41		
OW-316	11.22	9.37	1.85
OW-317	8.63	8.52	0.11
OW-322	7.31		
OW-323	6.53		
OW-324	11.31		
OW-327	15.01	12.80	2.21
OW-328	10.58	10.50	0.08
OW-6	9.25		
OW-7	15.56		
PZ-1	7.35	7.35	0.00
PZ-111	14.38		
PZ-112	13.94		
PZ-113	11.60		
PZ-114	12.45	8.82	3.63
PZ-115	12.56		
PZ-116	11.19		
PZ-117	9.32		
PZ-118	10.20		
PZ-119	8.60		
PZ-120	5.35		
PZ-121	9.58	8.85	0.73
PZ-122	5.92	5.89	0.03
PZ-123	12.20	12.08	
PZ-124	9.59	6.68	2.91
PZ-125	9.95		
PZ-126	16.13		
PZ-127	8.58		
PZ-128	7.46		
PZ-129	15.37	15.13	
PZ-130	25.62	17.98	7.64
PZ-132	11.77	11.74	0.03
PZ-133	22.51		



TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2004  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 18-20, 2004		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
PZ-134	21.94		
PZ-135	28.81		
PZ-136	25.16	25.14	
PZ-137	29.33		
PZ-138	25.27	25.26	0.01
PZ-139	29.68		
PZ-140	17.66		
PZ-141	11.48		
PZ-142	8.98	8.98	
PZ-143	18.63		
PZ-144	20.29		
R-101	13.77		
R-102	36.15		
R-103	34.80		
R-105	NM		
R-105-R	31.12		
R-106	14.08		
R-107	24.07		
R-108	24.14		
R-109	19.51		
R-11	29.01		
R-110	19.97		
R-131	35.79		
R-132	36.20		
R-2	30.15		
R-234	27.55		
R-235	31.18	30.06	1.12
R-236	30.83	24.68	6.15
R-237	29.59	24.75	4.84
R-238	26.83	22.97	3.86
R-239	25.47		
R-240	31.54	31.20	0.34
R-241	28.75	26.24	2.51
R-242	25.83		
R-243	14.40		
R-244	27.35	26.81	0.54
R-3	19.49		
R-301	10.12		
R-302	7.09		
R-303	18.14		
R-304	14.83		
R-305	24.05	22.63	9.61
R-306	30.59		

TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2004  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 18-20, 2004		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
R-307	24.56		
R-308	28.58		
R-309		NM	
R-314	37.50		
RW-101	10.99		
RW-2	10.78	9.90	0.88
RW-3	8.02	8.00	
RW-4	12.35		
SR-101	9.20		
SR-102	30.27	22.56	7.71
SR-103	34.35		
SR-105	30.17		
SR-107	18.34		
SR-11	21.67		
SR-110	15.68		
SR-131	20.88		
SR-132	19.22		
SR-2	9.87		
SR-208	11.48	10.83	0.65
SR-216	22.16	20.42	1.74
SR-230	21.89	20.41	1.48
SR-231	14.14		
SR-233	10.63		
SR-234	Dry		
SR-235	13.18		
SR-236	9.96	9.24	0.72
SR-245		NM	
SR-3	9.37		
SR-301	18.24		
SR-303	10.85		
SR-304	15.73		
SR-308	13.99		
SR-310	18.95	8.98	9.97
SR-311	20.03	9.76	
SR-312	18.68	11.37	7.31
SR-313	18.20	13.33	4.87
SR-314	16.68		
SR-316	21.76	11.87	9.89
SR-317	19.78	19.52	0.26
SR-318	28.94	19.74	9.20
SR-319	22.91	20.34	2.57
SR-320	14.28		
SR-321	19.49	14.69	4.80



TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2004  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

WELL NUMBER	OCTOBER 18-20, 2004		
	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
SR-325	20.78		
SR-326	23.38	20.09	3.29
SR-8	Dry		
SR-9	Dry		
VM-210	7.45		
VM-211	Dry	8.95	
VM-213	Dry		
VM-218	10.25	10.21	0.04
VM-219	7.74		7.74
VM-220	9.94		9.94
VM-224	Dry		
VM-228	Dry		
WELL Z	26.38	26.34	0.04
<p><b>NOTES:</b>  1. NM = Not Measured.  2. NE = Not Encountered.</p> <p style="text-align: right;">G:\Projects\70014\054\Qtlly_Reports\No.11\Delphi_Q11 table 1 - WLs.xls]Tab 1 July-04 depths</p>			

TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	DR-132	DR-315	OW-314	OW-317	OW-322
SAMPLE DATE	10/19/2004	10/20/2004	10/20/2004	10/18/2004	10/20/2004
LABORATORY SAMPLE ID	2004:0011739-7	2004:0011739-6	2004:0011738-13	2004:0011738-1	2004:0011738-16
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.081	0.61	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.003
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U	0.013
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.4
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.046
Toluene	0.002 U	0.054	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.005
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.1
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.058
Xylenes, Total	0.004	0.009	0.002 U	0.002 U	0.002 U



TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-322 Dup.	OW-323	OW-324	OW-328	R-301
SAMPLE DATE	10/20/2004	10/19/2004	10/20/2004	10/18/2004	10/20/2004
LABORATORY SAMPLE ID	2004:0011738-17	2004:0011738-3	2004:0011738-10	2004:0011738-15	2004:0011738-8
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.003	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.17	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.003	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.012	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.36	0.002 U	0.077	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.005	0.002 U	0.003	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.04	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.036	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.003	0.002 U
Tetrachloroethene	0.045	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.005	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.087	0.002 U	0.013	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.057	0.002 U	0.17	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-302	R-302 Dup	R-303	R-304	R-306
SAMPLE DATE	10/19/2004	10/19/2004	10/20/2004	10/20/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011739-2	2004:0011739-3	2004:0011739-4	2004:0011738-19	2004:0011738-4
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.17
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.003
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	0.002 U	0.004	0.002	0.039
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.014
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.008
Styrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.018
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.021
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-307	R-308	R-314	SR-301	SR-303
SAMPLE DATE	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011739-5	2004:0011738-6	2004:0011738-11	2004:0011738-9	2004:0011739-1
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.015	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.003	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.003	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	1.7	0.87	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.022	0.012	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002	0.002 U	0.017	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	6.5	2.4	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-304	SR-308	SR-314	SR-317	SR-320
SAMPLE DATE	10/19/2004	10/20/2004	10/20/2004	10/18/2004	10/18/2004
LABORATORY SAMPLE ID	2004:0011738-18	2004:0011738-7	2004:0011738-12	2004:0011738-14	2004:0011738-2
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.003	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.003	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 2  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

<b>WELL NUMBER</b>	<b>SR-325</b>
<b>SAMPLE DATE</b>	<b>10/19/2004</b>
<b>LABORATORY SAMPLE ID</b>	2004:0011738-5
<b>LABORATORY</b>	Free-Col
<b>ANALYSIS METHOD</b>	SW-846 8260B
1,1,1-Trichloroethane	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U
1,1,2-Trichloroethane	0.002 U
1,1-Dichloroethane	0.002 U
1,1-Dichloroethene	0.002 U
1,2,4-Trimethylbenzene	0.002 U
1,2-Dichloroethane	0.002 U
1,2-Dichloropropane	0.002 U
1,3,5-Trimethylbenzene	0.002 U
2-Butanone	0.01 U
2-Chloroethylvinylether	0.002 U
2-Hexanone	0.01 U
4-Methyl-2-Pentanone	0.01 U
Acetone	0.01 U
Benzene	0.002 U
Bromodichloromethane	0.002 U
Bromoform	0.002 U
Bromomethane	0.002 U
Carbon Disulfide	0.002 U
Carbon Tetrachloride	0.002 U
Chlorobenzene	0.002 U
Chloroethane	0.002 U
Chloroform	0.002 U
Chloromethane	0.002 U
cis-1,2-Dichloroethene	0.064
cis-1,3-Dichloropropene	0.002 U
Dibromochloromethane	0.002 U
Ethylbenzene	0.002 U
Methylene chloride	0.002 U
n-Butylbenzene	0.002 U
sec-Butylbenzene	0.002 U
Styrene	0.002 U
tert-Butylbenzene	0.002 U
Tetrachloroethene	0.002 U
Toluene	0.002 U
trans-1,2-Dichloroethene	0.002 U
trans-1,3-Dichloropropene	0.002 U
Trichloroethene	0.002 U
Vinyl Acetate	0.002 U
Vinyl Chloride	0.049
Xylenes, Total	0.002 U



TABLE 3  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - SVOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-314	OW-317	OW-322	OW-322 Dup.	OW-323
SAMPLE DATE	10/20/2004	10/18/2004	10/20/2004	10/20/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011738-13	2004:0011738-1	2004:0011738-16	2004:0011738-17	2004:0011738-3
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C
1,2,4-Trichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dimethylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01
2-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,6-dinitro-2-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Bromophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloro-3-methylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Acenaphthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(g,h,i)perylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzoic Acid	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-Chloroethyl)ether	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.005	0.002 U	0.002 U	0.002 U	0.002 U
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Caprolactam	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibenz(a,h)anthracene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Di-n-butyl phthalate	0.002	0.002	0.003	0.002	0.002
Di-n-octyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Naphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.005
Nitrobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
n-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Phenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 3  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - SVOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-324	OW-328	R-301	R-306	R-308
SAMPLE DATE	10/20/2004	10/18/2004	10/20/2004	10/19/2004	10/20/2004
LABORATORY SAMPLE ID	2004:0011738-10	2004:0011738-15	2004:0011738-8	2004:0011738-4	2004:0011738-6
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C
1,2,4-Trichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dimethylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Methylnaphthalene	0.01 U	0.049	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,6-dinitro-2-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Bromophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloro-3-methylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Acenaphthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(g,h,i)perylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzoic Acid	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-Chloroethyl)ether	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.003	3.3	0.002 U	0.002 U	0.002 U
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Caprolactam	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibenz(a,h)anthracene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Di-n-butyl phthalate	0.003	0.005	0.002 U	0.002 U	0.002
Di-n-octyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluoranthene	0.002 U	0.011	0.002 U	0.002 U	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Naphthalene	0.002 U	0.009	0.002 U	0.002 U	0.002 U
Nitrobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
n-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.019
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.002 U	0.035	0.002 U	0.016	0.002 U
Phenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pyrene	0.002 U	0.018	0.002 U	0.002 U	0.002 U



TABLE 3  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - SVOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-314	SR-301	SR-308	SR-314	SR-317
SAMPLE DATE	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/18/2004
LABORATORY SAMPLE ID	2004:0011738-11	2004:0011738-9	2004:0011738-7	2004:0011738-12	2004:0011738-14
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C	SW-846 8270C
1,2,4-Trichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,3-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dimethylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,6-dinitro-2-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Bromophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloro-3-methylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U
Acenaphthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(a)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(g,h,i)perylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Benzoic Acid	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-Chloroethyl)ether	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.005	0.002 U	0.002 U	0.002 U	0.13
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Caprolactam	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibenz(a,h)anthracene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Di-n-butyl phthalate	0.002 U	0.002	0.002	0.002	0.003
Di-n-octyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Naphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Nitrobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
n-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.002 U	0.002 U	0.002 U	0.002 U	0.003
Phenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 3  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - SVOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-320	SR-325
SAMPLE DATE	10/18/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011738-2	2004:0011738-5
LABORATORY	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8270C	SW-846 8270C
1,2,4-Trichlorobenzene	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U
1,3-Dichlorobenzene	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U
2,4,5-Trichlorophenol	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U
2,4-Dimethylphenol	0.002 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U
2-Methylnaphthalene	0.01 U	0.01 U
2-Methylphenol	0.005 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U
4,6-dinitro-2-methylphenol	0.01 U	0.01 U
4-Bromophenyl phenyl ether	0.002 U	0.002 U
4-Chloro-3-methylphenol	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U
4-Nitroaniline	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U
Acenaphthene	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U
Anthracene	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U
Benzo(a)pyrene	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U
Benzo(g,h,i)perylene	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U
Benzoic Acid	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U	0.002 U
Bis(2-Chloroethyl)ether	0.005 U	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.002 U	0.002 U
Butyl Benzyl Phthalate	0.002 U	0.002 U
Caprolactam	0.01 U	0.01 U
Chrysene	0.002 U	0.002 U
Dibenz(a,h)anthracene	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U
Diethyl phthalate	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U
Di-n-butyl phthalate	0.004	0.003
Di-n-octyl phthalate	0.002 U	0.002 U
Fluoranthene	0.002 U	0.002 U
Fluorene	0.002 U	0.002 U
Hexachlorobenzene	0.002 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U
Naphthalene	0.002 U	0.002 U
Nitrobenzene	0.005 U	0.005 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U
n-Nitrosodiphenylamine	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U
Phenanthrene	0.002 U	0.002 U
Phenol	0.002 U	0.002 U
Pyrene	0.002 U	0.002 U

TABLE 4  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - PCBs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-322	OW-322 Dup.	OW-328	R-306	SR-317
SAMPLE DATE	10/20/2004	10/20/2004	10/18/2004	10/19/2004	10/18/2004
LABORATORY SAMPLE ID	2004:0011738-16	2004:0011738-17	2004:0011738-15	2004:0011738-4	2004:0011738-14
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8082	SW-846 8082	SW-846 8082	SW-846 8082	SW-846 8082
Aroclor 1016	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U
Aroclor 1221	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U
Aroclor 1232	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U
Aroclor 1242	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U
Aroclor 1248	0.0002 U	0.0002 U	0.14	0.01 U	0.0002 U
Aroclor 1254	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U
Aroclor 1260	0.0002 U	0.0002 U	0.0002 U	0.01 U	0.0002 U



TABLE 5  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - METALS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-314	OW-317	OW-322	OW-322 Dup.	OW-323	OW-324
SAMPLE DATE	10/20/2004	10/18/2004	10/20/2004	10/20/2004	10/19/2004	10/20/2004
LABORATORY SAMPLE ID	2004:0011738-13	2004:0011738-1	2004:0011738-16	2004:0011738-17	2004:0011738-3	2004:0011738-10
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.08
Beryllium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	0.0003 U	0.0001 U	0.0003 U	0.0004 U	0.0006 U	0.0004 U
Chromium	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.08
Copper	0.04	0.02	0.02	0.04	0.03	0.03
Lead	0.03	0.008	0.018	0.026	0.023	0.03
Mercury	0.0003	0.0001 U	0.0002	0.0004	0.0001 U	0.0001
Nickel	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Selenium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Thallium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	0.089	0.028	0.065	0.104	0.286	0.075

TABLE 5  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - METALS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	OW-328	R-301	R-302	R-302 Dup	R-303	R-304	R-306
SAMPLE DATE	10/18/2004	10/20/2004	10/19/2004	10/19/2004	10/20/2004	10/20/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011738-15	2004:0011738-8	2004:0011739-2	2004:0011739-3	2004:0011739-4	2004:0011738-19	2004:0011738-4
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.05	0.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Beryllium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	0.0001 U	0.0003 U	0.0001	0.0001	0.0007	0.0008 U	0.0002 U
Chromium	0.05 U	0.18	0.05 U	0.05 U	0.05 U	0.07	0.05 U
Copper	0.02	0.01	0.01 U	0.01 U	0.01	0.08	0.03
Lead	0.026	0.002	0.001 U	0.001 U	0.02	0.02	0.009
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.08	0.04 U
Selenium	0.05 U	0.16	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.01 U	0.02	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Thallium	0.1 U	0.1 U	0.1 U	0.1 U	0.3	0.1 U	0.1 U
Zinc	0.038	0.022	0.007	0.005 U	0.014	0.319	0.019



TABLE 5  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - METALS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-307	R-308	R-314	SR-301	SR-303	SR-304	SR-308
SAMPLE DATE	10/20/2004	10/20/2004	10/20/2004	10/20/2004	10/19/2004	10/19/2004	10/20/2004
LABORATORY SAMPLE ID	2004:0011739-5	2004:0011738-6	2004:0011738-11	2004:0011738-9	2004:0011739-1	2004:0011738-18	2004:0011738-7
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Antimony	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.05 U	0.05 U	0.05 U	0.13	0.05 U	0.05 U	0.47
Beryllium	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	0.0001	0.0004 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0009 U
Chromium	0.05 U	0.05 U	0.05 U	0.1	0.05 U	0.05 U	0.3
Copper	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	0.006	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.014
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.08	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Selenium	0.05 U	0.05 U	0.05 U	0.12	0.05 U	0.05 U	0.4
Silver	0.01 U	0.01 U	0.05 U	0.01	0.01 U	0.01 U	0.04
Thallium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	0.125	0.011	0.005	0.005 U	0.018	0.009	0.023

TABLE 5  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - METALS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-314	SR-317	SR-320	SR-325
SAMPLE DATE	10/20/2004	10/18/2004	10/18/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011738-12	2004:0011738-14	2004:0011738-2	2004:0011738-5
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
Antimony	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.05 U	0.05 U	0.05 U	0.05 U
Beryllium	0.002 U	0.002 U	0.002	0.002 U
Cadmium	0.0003 U	0.0001 U	0.0002 U	0.0003 U
Chromium	0.06	0.05 U	0.05 U	0.05 U
Copper	0.06	0.01 U	0.05	0.01 U
Lead	0.04	0.002	0.069	0.004
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.1	0.05	0.07	0.04
Selenium	0.05 U	0.05 U	0.05 U	0.05 U
Silver	0.01 U	0.01 U	0.01 U	0.01 U
Thallium	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	0.074	0.005	0.084	0.013



TABLE 6  
SUMMARY OF OCTOBER 2004 LNAPL RESULTS - TOTAL ORGANIC HALOGENS  
DELPHI CORPORATION

All results reported in mg/kg (ppm)

WELL NUMBER	R-236	R-237	R-238	R-238 Dup
SAMPLE DATE	10/19/2004	10/19/2004	10/19/2004	10/19/2004
LABORATORY SAMPLE ID	2004:0011740-7	2004:0011740-4	2004:0011740-2	2004:0011740-3
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	ASTM 808-81	ASTM 808-81	ASTM 808-81	ASTM 808-81
Halogen, Total Organic	1680	1630	2690	2770

WELL NUMBER	R-241	R-305	SR-312
SAMPLE DATE	10/19/2004	10/19/2004	10/18/2004
LABORATORY SAMPLE ID	2004:0011740-6	2004:0011740-5	2004:0011740-1
LABORATORY	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	ASTM 808-81	ASTM 808-81	ASTM 808-81
Halogen, Total Organic	2890	1430	2620

TABLE 7  
SUMMARY OF NOVEMBER 2004 - MNA FIELD PARAMETERS  
DELPHI CORPORATION

Well_ID	Date	Matrix	Purged Time (Min)	Purge Rate (mL/min)	Temp (C)	pH	Conductivity (us/cm)	DO (mg/L)	ORP/eH (mv)	Turbidity (NTU)	Iron (mg/L)	Alkalinity (mg/L)	CO2 (mg/L)	Technician	Equipment	Comments
SR-231	11/2/2004	WG	64	130	24.91	7.18	4.05	0.36	-11	8.1	0	320	105	AIB / MGB	Bladder Pump	
R-303	11/10/2004	WG	30	120	13.06	7.32	5.83	4.79	-7	13.7	0	220	140	SRA / AIB	Bladder Pump	
R-306	11/10/2004	WG	15	100	11.95	7.42	3.83	0.39	-278	19.6	1.2	430	225	SRA / AIB	Bladder Pump	
R-307	11/10/2004	WG	24	120	12.89	7.14	3.8	0.89	66	39.9	0	420	240	SRA / AIB	Bladder Pump	
R-308	11/10/2004	WG	30	100	14.39	7.37	3.67	0.31	-342	0.7	0.2	400	237	SRA / AIB	Bladder Pump	
SR-303	11/10/2004	WG	25	100	12.28	7.25	1.197	2.14	-60	22	0	380	230	SRA / AIB	Bladder Pump	
R-108	11/11/2004	WG	24	125	12.04	7.32	6.71	0.32	-108	34	4	440	295	SRA / AIB	Bladder Pump	
R-11	11/11/2004	WG	28	80	11.84	7.6	1.99	0.24	-182	589	1.2	300	235	SRA / AIB	Bladder Pump	
SR-11	11/11/2004	WG	0	0	0	0	0	0	0	0	0	0	0	SRA / AIB	Bladder Pump	Insufficient water in well
SR-301	11/11/2004	WG	18	90	14.49	7.23	4.52	1.76	149	18.2	0	400	180	SRA / AIB	Bladder Pump	
R-101	11/12/2004	WG	30	80	12.95	7.11	34.7	0.24	-212	119	6	220	50	SRA / AIB	Bladder Pump	CO2 approximate due to precipitate interference
R-103	11/12/2004	WG	30	120	12.34	7.21	3.74	0.31	-86	33.8	1.8	500	330	SRA / AIB	Bladder Pump	CO2 approximate due to precipitate interference
SR-101	11/12/2004	WG	21	100	14.56	7.33	4.43	0.35	-286	34.5	0	410	175	SRA / AIB	Bladder Pump	
SR-131	11/12/2004	WG	24	90	13.89	7.56	3.06	0.59	-140	37	2.2	360	230	SRA / AIB	Bladder Pump	Drawdown
R-131	11/16/2004	WG	25	80	15.61	7.43	2.55	0.15	-137	59	4.1	500	195	SRA / CEH	Bladder Pump	
R-132	11/16/2004	WG	27	100	15.43	7.09	12.2	0.47	-12	52.5	3.8	500	285	SRA / CEH	Bladder Pump	Drawdown after 20 minutes
SR-132	11/16/2004	WG	24	80	16.48	7.27	4.7	1.22	-37	47	3.3	520	145	SRA / CEH	Bladder Pump	Drawdown



TABLE 8  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS OTHER LABORATORY PARAMETERS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-101	R-103	R-108	R-11	R-131
SAMPLE DATE	11/13/2004	11/13/2004	11/11/2004	11/11/2004	11/16/2004
LABORATORY SAMPLE ID	2004:0012674-2	2004:0012674-1	2004:0012603-4	2004:0012603-5	2004:0012762-1
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Chloride (EPA 325.3)	9880	875	1030	344	450
Dissolved Organic Carbon (SM 5310 C)	1.7	12.9	4.3	3.2	16.4
Ethane (SW-846 8015B Mod)	9.8	0.048	0.03	0.066	0.26
Ethene (SW-846 8015B Mod)	0.004 U	0.36	0.34	0.004 U	2.3
Methane (SW-846 8015B Mod)	12	4.4	1.6	0.26	13
Nitrogen, Ammonia (EPA 350.2)	8.53	1.1	2.73	0.96	1.27
Nitrogen, Nitrate (EPA 353.2)	0.13	0.05 U	0.05 U	0.05 U	0.05 U
Nitrogen, Nitrite (EPA 353.2)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrogen, Total Kjeldahl (EPA 351.3)	9.7	2	3.1	1.4	2
Phosphorus, Total (SM 4500 P E)	0.01 U	0.01 U	0.01	0.12	0.02
Sulfate (SW-846 9038)	4600	40	1100	290	88
Sulfide, Direct (EPA 376.1)	2	1.3	3	3.5	4
Iron (SW-846 6010B)	112	6.17	12.3	27.9	14.1
Manganese (SW-846 6010B)	4.51	0.07	0.24	0.52	0.18
Manganese, Filtered (SW-846 6010B)	3.92	0.06	0.34	0.24	0.19

TABLE 8  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS OTHER LABORATORY PARAMETERS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-132	R-303	R-306	R-307	R-308
SAMPLE DATE	11/16/2004	11/10/2004	11/11/2004	11/10/2004	11/11/2004
LABORATORY SAMPLE ID	2004:0012762-3	2004:0012551-3	2004:0012603-2	2004:0012551-1	2004:0012603-1
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Chloride (EPA 325.3)	1800	1430	1860	803	928
Dissolved Organic Carbon (SM 5310 C)	1.5	2.1	4.4	4.8	5.8
Ethane (SW-846 8015B Mod)	0.013	0.004 U	0.023	0.004 U	0.013
Ethene (SW-846 8015B Mod)	0.004 U	0.004 U	0.011	0.004 U	0.15
Methane (SW-846 8015B Mod)	0.4	0.002	6.5	0.003	0.41
Nitrogen, Ammonia (EPA 350.2)	3.75	1.44	0.17	0.07	0.6
Nitrogen, Nitrate (EPA 353.2)	0.05 U	1.34	0.05 U	0.75	0.05 U
Nitrogen, Nitrite (EPA 353.2)	0.05 U	0.1	0.05 U	0.05 U	0.05 U
Nitrogen, Total Kjeldahl (EPA 351.3)	4.5	1.9	0.4	0.6	0.8
Phosphorus, Total (SM 4500 P E)	0.02	0.01	0.02	0.03	0.01
Sulfate (SW-846 9038)	2500	800	39	100	170
Sulfide, Direct (EPA 376.1)	0.2	0.1 U	0.9	0.1 U	8.2
Iron (SW-846 6010B)	12.8	0.66	1.86	0.37	0.65
Manganese (SW-846 6010B)	0.38	0.08	0.09	0.01 U	0.02
Manganese, Filtered (SW-846 6010B)	0.16	0.08	0.09	0.01 U	0.02



TABLE 8  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS OTHER LABORATORY PARAMETERS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-101	SR-131	SR-132
SAMPLE DATE	11/13/2004	11/13/2004	11/16/2004
LABORATORY SAMPLE ID	2004:0012674-3	2004:0012674-4	2004:0012762-2
LABORATORY	Free-Col	Free-Col	Free-Col
Chloride (EPA 325.3)	1110	875	1100
Dissolved Organic Carbon (SM 5310 C)	2.6	17.6	29.7
Ethane (SW-846 8015B Mod)	0.004 U	0.009	0.012
Ethene (SW-846 8015B Mod)	0.004 U	0.006	0.004 U
Methane (SW-846 8015B Mod)	0.008	0.73	0.26
Nitrogen, Ammonia (EPA 350.2)	0.17	0.57	0.74
Nitrogen, Nitrate (EPA 353.2)	0.05 U	0.05 U	0.05 U
Nitrogen, Nitrite (EPA 353.2)	0.05 U	0.05 U	0.05 U
Nitrogen, Total Kjeldahl (EPA 351.3)	0.7	1.3	1.4
Phosphorus, Total (SM 4500 P E)	0.02	0.01	0.01
Sulfate (SW-846 9038)	140	88	99
Sulfide, Direct (EPA 376.1)	0.7	0.6	0.1 U
Iron (SW-846 6010B)	0.25	3.17	5.9
Manganese (SW-846 6010B)	0.07	0.48	0.61
Manganese, Filtered (SW-846 6010B)	0.06	0.47	0.63

TABLE 8  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS OTHER LABORATORY PARAMETERS  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-231	SR-301	SR-303
SAMPLE DATE	11/2/2004	11/11/2004	11/10/2004
LABORATORY SAMPLE ID	2004:0012218-1	2004:0012603-3	2004:0012551-2
LABORATORY	Free-Col	Free-Col	Free-Col
Chloride (EPA 325.3)	1030	1190	156
Dissolved Organic Carbon (SM 5310 C)	5	5.5	4.9
Ethane (SW-846 8015B Mod)	0.004 U	0.004 U	0.004 U
Ethene (SW-846 8015B Mod)	0.016	0.004 U	0.004 U
Methane (SW-846 8015B Mod)	0.19	0.004	0.002
Nitrogen, Ammonia (EPA 350.2)	0.62	0.12	0.06
Nitrogen, Nitrate (EPA 353.2)	0.05 U	0.05 U	0.05 U
Nitrogen, Nitrite (EPA 353.2)	0.05 U	0.05 U	0.05 U
Nitrogen, Total Kjeldahl (EPA 351.3)	1	0.4	0.4
Phosphorus, Total (SM 4500 P E)	0.01	0.01	0.01
Sulfate (SW-846 9038)	130	41	60
Sulfide, Direct (EPA 376.1)	0.9	0.5	0.1 U
Iron (SW-846 6010B)	0.05	0.11	0.16
Manganese (SW-846 6010B)	0.02	0.09	0.02
Manganese, Filtered (SW-846 6010B)	0.02	0.09	0.01



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-101	R-103	R-108	R-11
SAMPLE DATE	11/13/2004	11/13/2004	11/11/2004	11/11/2004
LABORATORY SAMPLE ID	2004:0012674-2	2004:0012674-1	2004:0012603-4	2004:0012603-5
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.021	0.002 U	0.003
1,1-Dichloroethene	0.002 U	0.029	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.003	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.004	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.006	11.5	0.052	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.053	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.52	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.003	6	0.32	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-131	R-132	R-303	R-306
SAMPLE DATE	11/16/2004	11/16/2004	11/10/2004	11/11/2004
LABORATORY SAMPLE ID	2004:0012762-1	2004:0012762-3	2004:0012551-3	2004:0012603-2
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.011	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.011	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.002	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	8	0.002 U	0.003	0.015
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.077	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.003	0.002 U	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	31	0.002 U	0.002 U	0.009
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	R-307	R-308	SR-101	SR-131
SAMPLE DATE	11/10/2004	11/11/2004	11/13/2004	11/13/2004
LABORATORY SAMPLE ID	2004:0012551-1	2004:0012603-1	2004:0012674-3	2004:0012674-4
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.011	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.006	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	2.9	0.002 U	0.062
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.012	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	5.3	0.002 U	0.05
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	SR-132	SR-231	SR-301	SR-303
SAMPLE DATE	11/16/2004	11/2/2004	11/11/2004	11/10/2004
LABORATORY SAMPLE ID	2004:0012762-2	2004:0012218-1	2004:0012603-3	2004:0012551-2
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.008	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.004	1.4	0.016	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.014	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.009	0.019	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.078	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	Trip Blank 11/2/2004	Trip Blank 11/10/2004	Trip Blank 11/11/2004	Trip Blank 11/11/2004
SAMPLE DATE	2004:0012218-3	2004:0012551-7	2004:0012603-11	2004:0012603-12
LABORATORY SAMPLE ID	Free-Col	Free-Col	Free-Col	Free-Col
LABORATORY	SW-846 8260B	SW-846 8260B	SW-846 8260B	SW-846 8260B
ANALYSIS METHOD				
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF NOVEMBER 2004 - MNA ANALYSIS VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	Trip Blank	Trip Blank
SAMPLE DATE	11/13/2004	11/16/2004
LABORATORY SAMPLE ID	2004:0012674-9	2004:0012762-7
LABORATORY	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U
Acetone	0.01 U	0.01 U
Benzene	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U
Styrene	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U
Toluene	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U



TABLE 10  
SUMMARY OF RW-2 OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	RW-2
SAMPLE DATE	13-Oct-04
LABORATORY SAMPLE ID	2004:0011460-1
LABORATORY	Free-Col
ANALYSIS METHOD	EPA 624
1,1,1-Trichloroethane	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U
1,1,2-Trichloroethane	0.002 U
1,1-Dichloroethane	0.002 U
1,1-Dichloroethene	0.002 U
1,2,4-Trimethylbenzene	NA
1,2-Dichlorobenzene	0.002 U
1,2-Dichloroethane	0.002 U
1,2-Dichloropropane	0.002 U
1,3,5-Trimethylbenzene	NA
1,3-Dichlorobenzene	0.002 U
1,4-Dichlorobenzene	0.002 U
2-Butanone	NA
2-Chloroethylvinylether	0.002 U
2-Hexanone	NA
4-Methyl-2-Pentanone	NA
Acetone	NA
Acrolein	0.01 U
Acrolonitrile	0.01 U
Benzene	0.081
Bromodichloromethane	NA
Bromoform	0.002 U
Bromomethane	NA
Carbon Disulfide	NA
Carbon Tetrachloride	0.002 U
Chlorobenzene	0.002 U
Chlorodibromomethane	0.002 U
Chloroethane	0.002 U
Chloroform	0.002 U
Chloromethane	NA
cis-1,2-Dichloroethene	NA
cis-1,3-Dichloropropene	0.002 U
Dichlorobromomethane	0.002 U
Dibromochloromethane	NA
Ethylbenzene	0.002
Methyl Bromide	0.002 U
Methyl Chloride	0.002 U
Methylene chloride	0.002 U
n-Butylbenzene	NA
sec-Butylbenzene	NA
Styrene	NA
tert-Butylbenzene	NA
Tetrachloroethene	0.002 U
Toluene	0.002 U
trans-1,2-Dichloroethene	NA
trans-1,3-Dichloropropene	0.002 U
Trichloroethene	0.002 U
Vinyl Acetate	NA
Vinyl Chloride	0.002 U
Xylenes, Total	NA

TABLE 11  
SUMMARY OF RW-2 OCTOBER 2004 LNAPL ANALYSIS RESULTS - VOCs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

WELL NUMBER	RW-2
SAMPLE DATE	13-Oct-04
LABORATORY SAMPLE ID	2004:0011460-2
LABORATORY	Free-Col
ANALYSIS METHOD	SW-846 8260B
1,1,1-Trichloroethane	12.5 U
1,1,2,2-Tetrachloroethane	12.5 U
1,1,2-Trichloroethane	12.5 U
1,1-Dichloroethane	12.5 U
1,1-Dichloroethene	12.5 U
1,2,4-Trimethylbenzene	NA
1,2-Dichlorobenzene	12.5 U
1,2-Dichloroethane	12.5 U
1,2-Dichloropropane	12.5 U
1,3,5-Trimethylbenzene	NA
1,3-Dichlorobenzene	12.5 U
1,4-Dichlorobenzene	12.5 U
2-Butanone	NA
2-Chloroethylvinylether	12.5 U
2-Hexanone	NA
4-Methyl-2-Pentanone	NA
Acetone	NA
Acrolein	62.5 U
Acrolonitrile	62.5 U
Benzene	0.081
Bromodichloromethane	NA
Bromoform	12.5 U
Bromomethane	NA
Carbon Disulfide	NA
Carbon Tetrachloride	12.5 U
Chlorobenzene	12.5 U
Chlorodibromomethane	12.5 U
Chloroethane	12.5 U
Chloroform	12.5 U
Chloromethane	NA
cis-1,2-Dichloroethene	NA
cis-1,3-Dichloropropene	12.5 U
Dichlorobromomethane	12.5 U
Dibromochloromethane	NA
Ethylbenzene	12.5 U
Methyl Bromide	12.5 U
Methyl Chloride	12.5 U
Methylene chloride	12.5 U
n-Butylbenzene	NA
sec-Butylbenzene	NA
Styrene	NA
tert-Butylbenzene	NA
Tetrachloroethene	12.5 U
Toluene	12.5 U
trans-1,2-Dichloroethene	NA
trans-1,3-Dichloropropene	12.5 U
Trichloroethene	12.5 U
Vinyl Acetate	NA
Vinyl Chloride	12.5 U
Xylenes, Total	NA



TABLE 12  
SUMMARY OF OCTOBER 2004 GROUNDWATER ANALYSIS RESULTS - PCBs  
DELPHI CORPORATION

All results reported in mg/L (ppm)

<b>WELL NUMBER</b>	<b>RW-2</b>
<b>SAMPLE DATE</b>	<b>13-Oct-04</b>
<b>LABORATORY SAMPLE ID</b>	2004:0011460-2
<b>LABORATORY</b>	Free-Col
<b>ANALYSIS METHOD</b>	SW-846 8082
Aroclor 1016	2 U
Aroclor 1221	2 U
Aroclor 1232	2 U
Aroclor 1242	2 U
Aroclor 1248	2 U
Aroclor 1254	2 U
Aroclor 1260	2 U

NOTE SUMMARY  
SUMMARY OF OCTOBER 2004  
GROUNDWATER AND LNAPL ANALYSIS  
DELPHI CORPORATION

NOTES:

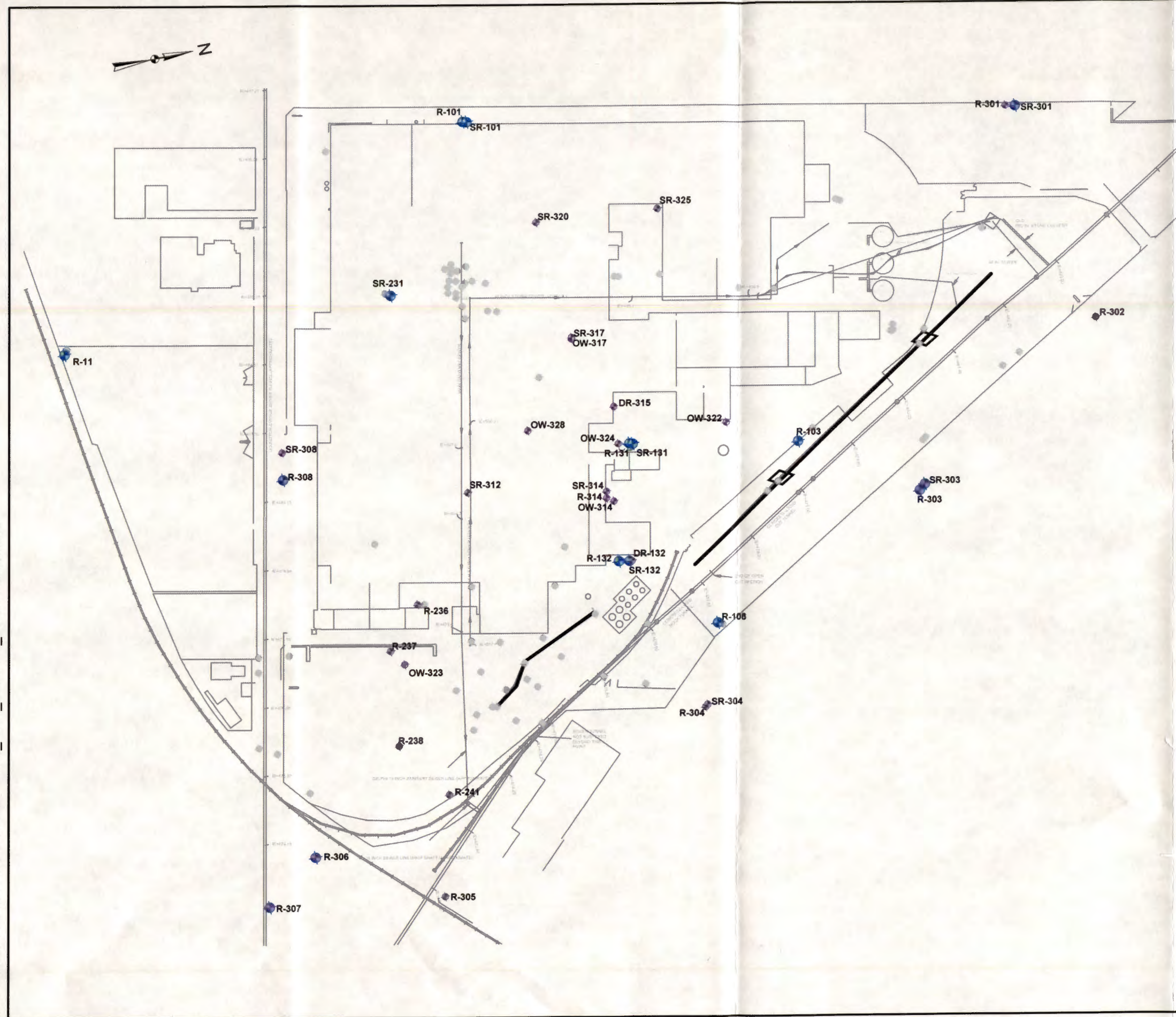
1. All results are presented in units of mg/L or mg/kg (parts-per-million, ppm).
2. Free-Col denotes Free-Col Laboratories.
3. Data Qualifiers:
  - U – The analyte was analyzed for but not detected above the quantitation limit.
  - J – The analyte was positively identified but the value is an approximate concentration only.
4. Data Qualifier References:
  - OSWER 9240.1-05A-P, PB99-963506, EPA540/R-99/008, October 1999,  
USEPA Contract Laboratory Program, National Functional Guidelines For Organic Data Review.  
Office of Emergency and Remedial Response, USEPA, Washington, D.C.
  - OSWER 9240.1-35, EPA 540-R-01-008, July 2002,  
USEPA Contract Laboratory Program, National Functional Guidelines For Inorganic Data Review.  
Office of Emergency and Remedial Response, USEPA, Washington, D.C.
5. NA - indicates sample not analyzed.







70014-054 ARCMAP B1  
G:\PROJECTS\70014\054\ARCMAP\NOV\_2004\_SAMPLE\_LOCATIONS.MXD



**LEGEND:**

- GR-1  
BLASTED BEDROCK TRENCH RECOVERY WELL
- GROUNDWATER RECOVERY TRENCH
- GROUNDWATER SAMPLE LOCATION (OCTOBER 2004)
- MNA GROUNDWATER SAMPLE LOCATION (NOVEMBER 2004)

**NOTES:**

1. WELLS SAMPLED BY FREE-COL LABORATORIES, INC. OCTOBER 18-20, 2004 AND BY HALEY & ALDRICH NOVEMBER 2-16, 2004. REFER TO TEXT FOR ADDITIONAL INFORMATION.



**HALEY & ALDRICH**

DELPHI CORPORATION  
LEXINGTON AVENUE FACILITY R/W/S  
ROCHESTER, NEW YORK

UNDERGROUND  
ENGINEERING &  
ENVIRONMENTAL  
SOLUTIONS

**SAMPLING AND ANALYSIS LOCATION  
PLAN (OCTOBER AND NOVEMBER 2004)**

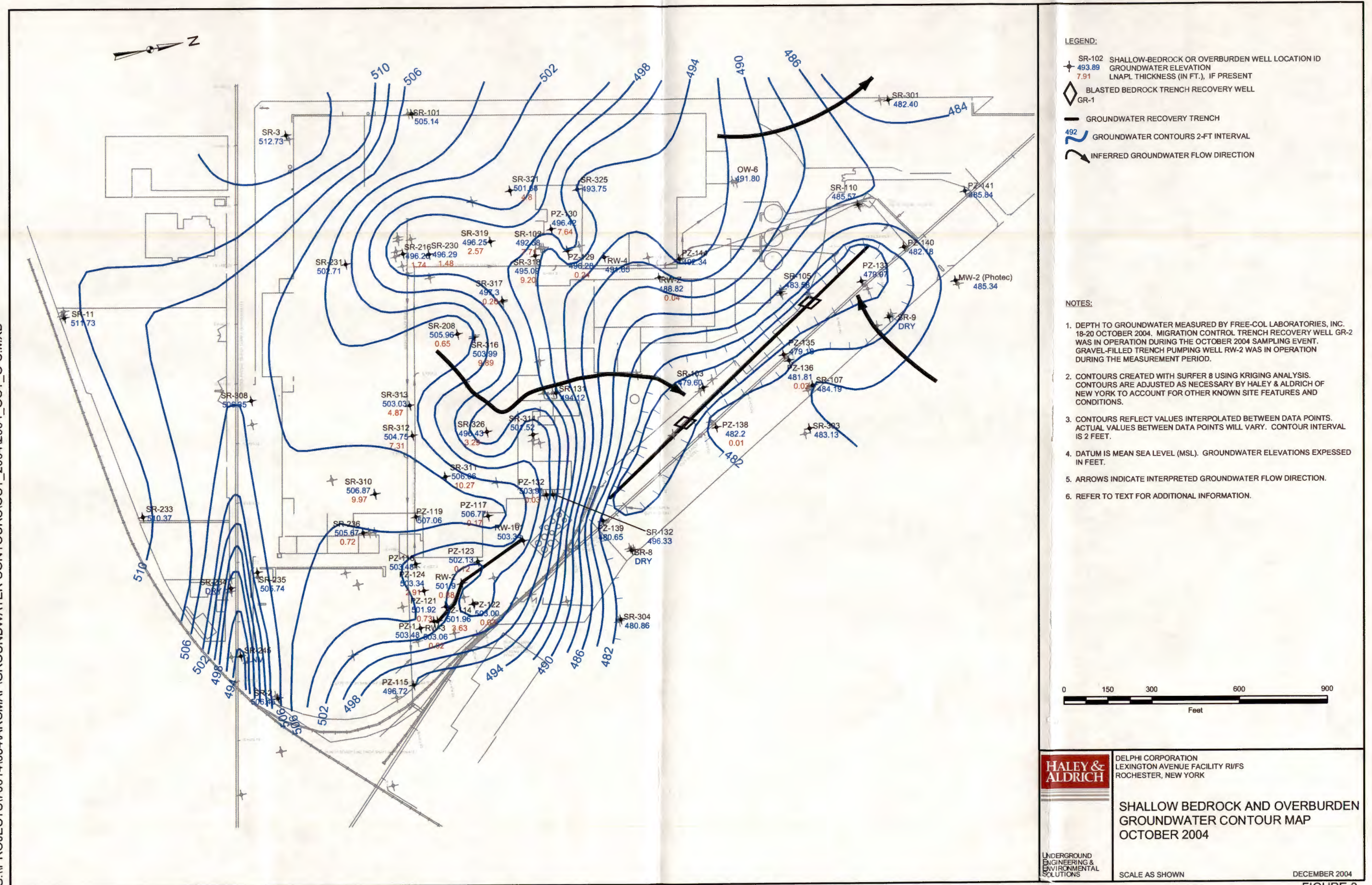
SCALE AS SHOWN

DECEMBER 2004

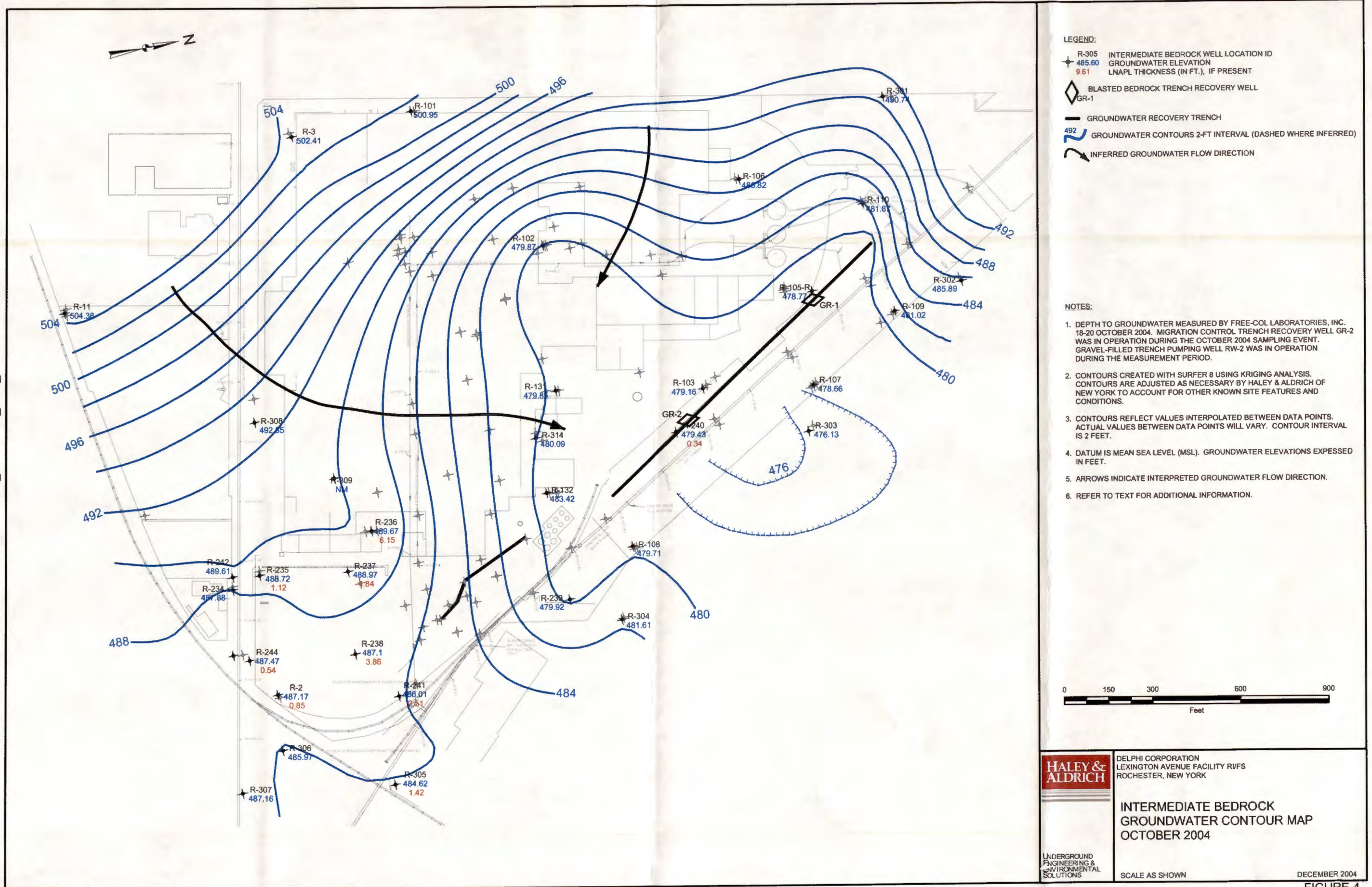
FIGURE 2



70014-054 ARCMAP B1  
G:\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\OCT\_2004\_O-S.MXD

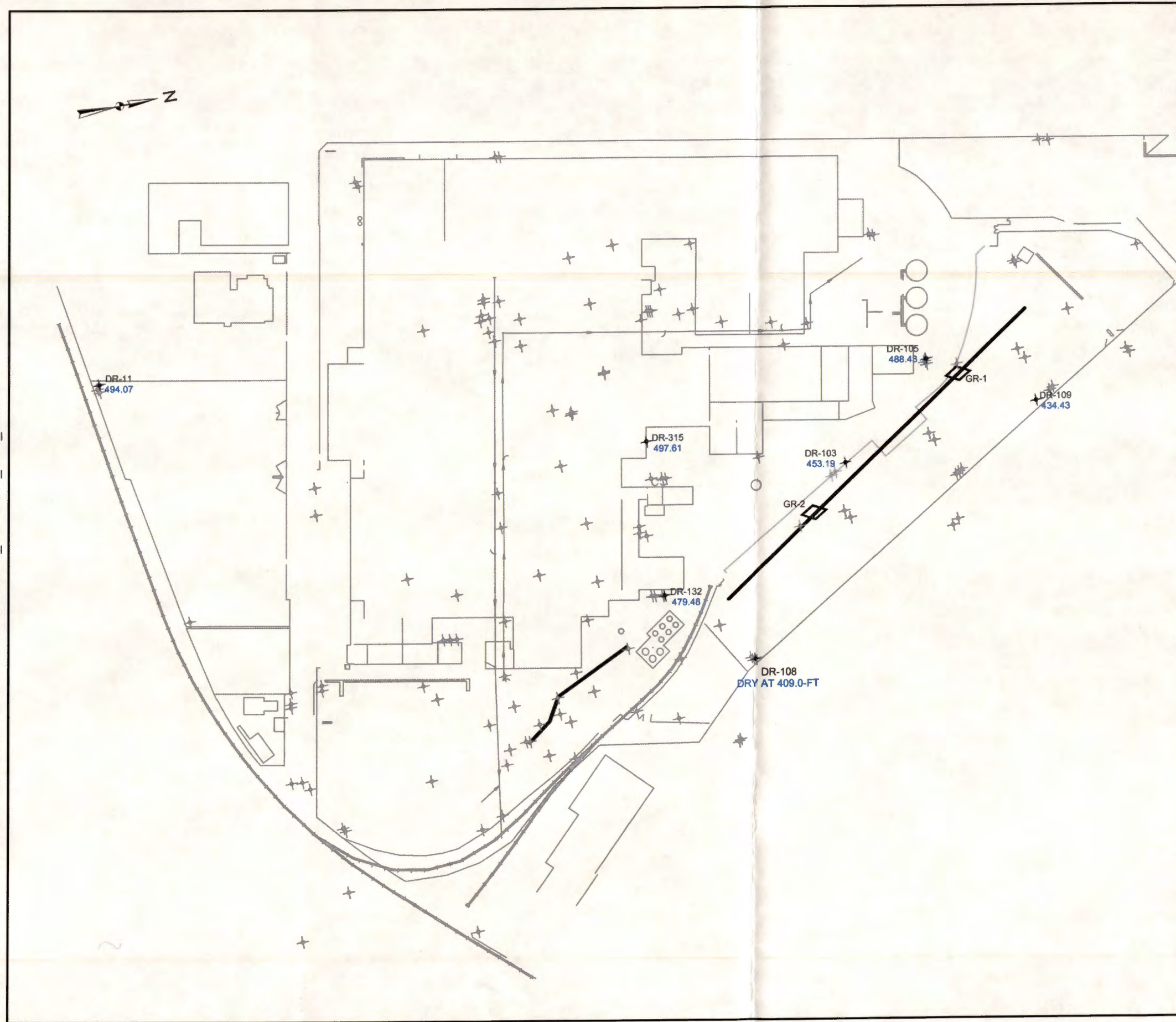








70014-054 ARCMAP B3  
G:\PROJECTS\70014\054\ARCMAP\GROUNDWATER CONTOURS\OCT\_2004\OCT\_D.MXD



LEGEND:

★ DR-315 SHALLOW-BEDROCK OR OVERBURDEN WELL LOCATION ID  
495.96 GROUNDWATER ELEVATION

◇ BLASTED BEDROCK TRENCH RECOVERY WELL  
GR-1

— GROUNDWATER RECOVERY TRENCH

NOTES:

1. DEPTH TO GROUNDWATER MEASURED BY FREE-COL LABORATORIES, INC. 18-20 OCTOBER 2004. MIGRATION CONTROL TRENCH RECOVERY WELL GR-2 WAS IN OPERATION DURING THE OCTOBER 2004 SAMPLING EVENT. GRAVEL-FILLED TRENCH PUMPING WELL RW-2 WAS IN OPERATION DURING THE MEASUREMENT PERIOD.
2. DATUM IS MEAN SEA LEVEL (MSL). GROUNDWATER ELEVATIONS EXPRESSED IN FEET
3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

0 150 300 600 900  
Feet

HALEY &  
ALDRICH

DELPHI CORPORATION  
LEXINGTON AVENUE FACILITY R/F/S  
ROCHESTER, NEW YORK

DEEP BEDROCK  
GROUNDWATER CONTOUR MAP  
OCTOBER 2004

UNDERGROUND  
ENGINEERING &  
ENVIRONMENTAL  
SOLUTIONS

SCALE AS SHOWN

DECEMBER 2004

FIGURE 5



**APPENDIX A**

**Water Level Measurement Forms and Well Sampling Records**



**TABLE IV**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS FIELD DATA**  
**10/18/2004**

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
VM-224	DRY					
VM-213	DRY					
SR-216	22.16	20.42				
VM-218	10.25	10.21				
VM-228	DRY					
VM-210	7.45					
VM-219	7.74					
VM-220	9.94					
SR-230	21.89	20.41				
VM-211	NO WATER	8.95				
SR-231	14.14					
PZ-142	8.98	8.98				Thin film
SR-321	19.49	14.69				
SR-319	22.91	20.34				
SR-316	21.76	11.87				
OW-316	11.22	9.37				
SR-208	11.48	10.83				
SR-326	23.38	20.09				
OW-327	15.01	12.80				
SR-311	20.03	9.76				
SR-310	18.95	8.98				
R-309						Could not measure
SR-313	18.20	13.33				
RW-4	12.35					



**TABLE IV (CONTD.)**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS FIELD DATA**  
**10/18 - 10/20/04**

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
DR-11	39.42					
R-11	29.01					
SR-11	21.67					
SR-233	10.63					
R-242	25.83					
SR-234	Dry					
R-234	27.55					
SR-235	13.18					
R-235	31.18	30.06				
SR-245						Could not measure
R-244	27.35	26.81				
R-243	14.40					Well cap missing
R-2	30.15	29.30				
SR-2	9.87					
R-239	25.47					
PZ-112	13.94					
PZ-111	14.38					
DR-108	Dry					Casing is loose
R-108	24.14					
SR-8	Dry					Hinge is broke
PZ-139	29.68					
R-240	31.54	31.20				
PZ-137	29.33					
PZ-138	25.27	25.26				
DR-103	60.68					Casing is rusting
R-103	34.80					
SR-103	34.35					
R-107	24.07					
OW-7	15.56					
SR-107	18.34					



TABLE IV (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS FIELD DATA  
10/18 - 10/20/04

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
PZ-135	28.81					
PZ-136	25.16	25.14				
DR-109	66.50					
R-109	19.51					
SR-9	Dry					
PZ-133	22.51					Kink in casing
PZ-134	21.94					
R-105-R	31.12					
PZ-140	17.66					
PZ-141	11.48					
R-110	19.97					
SR-110	15.68			NONE		
R-3	19.49					
SR-3	9.37					
R-101	13.77					
SR-101	9.20					
R-106	14.08					
OW-6	9.25					Casing knocked down
DR-105	25.49					
OW-105	21.79					
SR-105	30.17					
R-131	35.79					
SR-131	20.88					
R-132	36.20					
SR-132	19.22					
PZ-132	11.77	11.74				
PZ-117	9.32	9.15				
RW-101	10.99					
RW-2	10.78	9.90				
PZ-123	12.20	12.08				Lock broken
PZ-116	11.19					



TABLE IV (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS FIELD DATA  
10/18 - 10/20/04

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
PZ-125	9.95					
PZ-122	5.92	5.89				
PZ-113	11.60					
PZ-115	12.56					
PZ-128	7.46					
PZ-127	8.58					
PZ-1	7.35	7.35				Thin LNAPL layer
PZ-121	9.58	8.85				
RW-3	8.02	8.00				
PZ-114	12.45	8.82				
PZ-124	9.59	6.68				
PZ-126	16.13					
PZ-118	10.20					
PZ-119	8.60					
PZ-120	5.35					
SR-236	9.96	9.24				
PZ-144	20.29					
RW-Z	26.38	26.34				
R-102	36.15					
SR-102	30.27	22.56				
OW-102	18.52	18.38				
SR-318	28.94	19.74				
PZ-129	15.37	15.13				
PZ-130	25.62	17.98				
PZ-143	18.63					
MW-2	7.66					Photec Well



**TABLE I**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS FIELD DATA**  
**10/18 - 10/20/04**

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
R-302	7.09		36.00	14.0	
SR-303	10.85		15.90	0.9	
R-303	18.14		34.40	10.6	
SR-304	15.73		16.00	0.1	
R-304	14.83		30.70	10.4	
R-305	24.05	22.63	28.50		
R-306	30.59		34.00	2.2	
R-307	24.56		34.30	6.4	
R-308	28.58		35.80	1.2	Lock is broken
SR-308	13.99		22.27	1.4	
R-238	26.83	22.97	29.50		
R-237	29.59	24.75	37.45		
SR-320	14.28		24.60	1.7	
SR-317	19.78	19.52	28.40	1.5	
OW-317	8.63	8.52	15.25	1.1	
OW-328	10.58	10.50	14.80	0.5	
SR-312	18.68	11.37	21.83		
OW-323	6.53		14.77	1.4	
R-301	10.12		34.25	10.8	
SR-301	18.24		25.07	1.1	
OW-322	7.31		20.40	2.1	
DR-315	18.57				
OW-324	11.31		18.92	1.3	
R-314	37.50		48.94	7.5	
SR-314	16.68		30.12	2.2	
OW-314	13.41		20.11	1.1	
DR-132	35.56				
R-241	28.75	26.24	38.75		
R-236	30.83	24.68	35.44		
SR-325	20.78		32.88	2.0	



**TABLE II**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS PURGE DATA**  
**10/18 - 10/20/04**

LOCATION	DATE	START TIME	GALLONS PURGED	END TIME	WATER LEVEL AT END (FT)	APPEARANCE
R-302	10/19/2004	12:30	45	13:10	23.80	Clear, ending slightly turbid
SR-303	10/19/2004	13:40	3	13:50	14.54	Rusty, ending clear
R-303	10/19/2004	13:40	11	14:00	Dry	Clear, ending very turbid
SR-304	10/19/2004	14:15	0.5	14:20	15.72	Clear
R-304	10/19/2004	14:15	13	14:40	Dry	Very turbid
R-306	10/19/2004	15:10	6	15:20	33.07	Very turbid, slight oil sheen
R-307	10/20/2004	11:30	20	11:50	26.13	Very turbid ending slightly turbid
R-308	10/20/2004	12:05	5	12:20	33.98	Slightly turbid, slight oil sheen
SR-308	10/20/2004	12:05	5	12:20	21.64	Clear, ended slightly turbid
SR-320	10/18/2004	19:40	6	19:55	22.08	Very turbid
SR-317	10/18/2004	18:15	3	18:20		Clear
OW-317	10/18/2004	17:55	2	18:00		Slightly turbid
OW-328	10/18/2004	18:55	2	19:00		Slightly turbid
OW-323	10/19/2004	15:55	5	16:05	6.66	Slightly turbid
R-301	10/20/2004	8:15	20	8:45	Dry	Clear, ending moderately turbid
SR-301	10/20/2004	8:10	4	8:20	23.62	Clear
OW-322	10/20/2004	9:05	7	9:15	7.36	Clear, ending slightly turbid
OW-324	10/20/2004	9:40	5	9:55	16.08	Rusty, slightly turbid
R-314	10/20/2004	10:15	8	10:30	Dry	Very turbid
SR-314	10/20/2004	10:15	7	10:35	27.24	Moderately turbid
OW-314	10/20/2004	10:15	4	10:25	17.01	Slightly turbid and rusty
SR-325	10/19/2004	11:30	6	11:45	27.92	Clear



**TABLE III**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS SAMPLING DATA**  
**10/18 - 10/20/04**

LOCATION	DATE	SAMPLING TIME	WATER LEVEL (FT)	APPEARANCE	TEMP (C)	pH	SPECIFIC CONDUCTANCE (µMHOS)
R-302	10/19/2004	13:15	23.80	Slightly turbid	14	7.3	2280
R-302 DUP	10/19/2004	13:15	23.80	Slightly turbid	14	7.3	2290
SR-303	10/19/2004	13:50	14.54	Clear	14	7.2	1570
R-303	10/20/2004	7:35	33.30	Very turbid	14	7.0	4580
SR-304	10/19/2004	14:20	15.72	Clear	15	7.2	2670
R-304	10/20/2004	8:00	29.12	Clear	13	8.0	6360
R-306	10/19/2004	15:20	33.07	Moderately turbid w/ slight oil sheen	13	7.6	3310
R-307	10/20/2004	11:55	26.13	Slightly turbid	13	7.1	3000
R-308	10/20/2004	12:20	33.98	Slightly turbid w/ slight oil sheen	14	7.1	3220
SR-308	10/20/2004	12:20	21.64	Slightly turbid	14	7.6	2290
SR-320	10/18/2004	19:55	22.08	Moderately turbid	22	7.0	960
SR-317	10/18/2004	18:20		Clear	23	7.0	1930
OW-317	10/18/2004	18:00		Slightly turbid	24	7.5	1980
OW-328	10/18/2004	19:00		Slightly turbid	23	6.8	1740
OW-323	10/19/2004	16:05	6.66	Slightly turbid	21	7.1	5930
R-301	10/20/2004	11:20	37.00	Clear to slightly turbid	12	7.8	9360
SR-301	10/20/2004	8:20	23.62	Clear	14	7.1	3810
OW-322	10/20/2004	9:20	7.36	Slightly turbid	15	7.5	380
OW-322 DUP	10/20/2004	9:20	7.36	Slightly turbid	15	7.5	390
DR-315	10/20/2004	9:45		Clear			
OW-324	10/20/2004	10:00	16.08	Slightly turbid and rusty	15	7.1	1300
R-314	10/20/2004	12:50	38.37	Clear	16	8.6	4580
SR-314	10/20/2004	10:40	27.24	Moderately turbid	15	6.9	8450
OW-314	10/20/2004	10:25	17.01	Slightly turbid	15	7.3	2630
DR-132	10/20/2004	10:50		Clear			
SR-325	10/19/2004	11:45	27.92	Clear	20	6.7	2160



**TABLE III (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS SAMPLING DATA  
10/18 - 10/20/04**

LOCATION	DATE	SAMPLING TIME	WATER LEVEL (FT)	APPEARANCE	TEMP (C)	pH	SPECIFIC CONDUCTANCE (μMHOS)
SR-312	10/18/2004	19:25	.	LNAPL			
R-238	10/19/2004	15:50		LNAPL			
R-238 DUP	10/19/2004	15:50		LNAPL			
R-237	10/19/2004	16:00		LNAPL			
R-305	10/19/2004	15:00		LNAPL			
R-241	10/19/2004	9:35		LNAPL			
R-236	10/19/2004	10:20		LNAPL			



ENVIRONMENTAL

**APPENDIX B**

**MNA Sampling Records**

Location (Site/Facility Name): Delphi-Lexi

Well ID: R-132

Field Sampling Crew: SA + CH

Date:

Start Time:

Finished Time:

Initial Depth to Water:

Well Depth:

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

**Purging Device: Bladder Pump**

Tubing present in well? No

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:

**Alkalinity:**

 $\text{CO}_2:$ 

Sample time: 10:15



Location (Site/Facility Name): Delphi-Lexi

Well ID: R-131

Field Sampling Crew: SRA + CEH

Date:

**Start Time:**

Finished Time:

Initial Depth to Water:

**Well Depth:**

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

**Purging Device: Bladder Pump**

Tubing present in well? No

Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:

**Alkalinity:**

 $\text{CO}_2$ :

Sample Time: 1400

Location (Site/Facility Name): Delphi-Lexi

Well ID: SR-132

Field Sampling Crew: SRA/CEH

Date:

Start Time:

**Finished Time:**

Initial Depth to Water:

Well Depth:

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

Purging Device: Bladder Pump

Tubing present in well? No

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:

**Alkalinity:**

 $\text{CO}_2$ :

3.3

520

145

Sample Time : 1150



Location (Site/Facility Name): Delphi-Lexi

Well ID: SR-131

Field Sampling Crew: SRA/AIB

Date: 11/12/04

Start Time: 1415

Finished Time: 14:50

Initial Depth to Water:

Well Depth:

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

Purging Device: Bladder Pump

Tubing present in well? No

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:

**Alkalinity:**

 $\text{CO}_2$ :

Sample Time: 1500

Location (Site/Facility Name): Delphi-Lexi

Date: 11/11/04  
Start Time: 1255  
Finished Time: 1340

Initial Depth to Water: 27.55 TOR  
Well Depth: 46.65  
Depth to top of screen: \_\_\_\_\_  
Depth to bottom of screen: \_\_\_\_\_  
Depth of Pump Intake: 45.00

Purging Device: Bladder Pump  
Tubing present in well? No  
Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:	1.2
Alkalinity:	300
CO <sub>2</sub> :	235

Sample Time: 1400



Location (Site/Facility Name): Delphi-Lexi

Well ID: SR-11

Field Sampling Crew: SRA/AIB

Start Time:

**Finished Time:**

Well Depth:

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

Tubing present in well? No

Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

**Alkalinity:**

 $\text{CO}_2$ :

Insufficient water

Location (Site/Facility Name): Delphi-Lexi

Field Sampling Crew: SRA/ATB

Finished Time:

Depth of Pump Intake:

---

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

 $\text{CO}_2:$ 
$$\begin{array}{r} 4.0 \\ 440 \\ \hline 295 \end{array}$$

Sample Time: 11:00



Location (Site/Facility Name): Delphi-Lexi

Date: 11-11-04  
Start Time: 0800  
Finished Time: \_\_\_\_\_

Initial Depth to Water: 18.03 TOR Purging Device: Bladder Pump  
Well Depth: 19.98 TOR Tubing present in well? No  
Depth to top of screen: \_\_\_\_\_ Tubing type: HDPE  
Depth to bottom of screen: \_\_\_\_\_  
Depth of Pump Intake: \_\_\_\_\_

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:	0.0
Alkalinity:	400
CO <sub>2</sub> :	180

Sample: 0825

Location (Site/Facility Name): Delphi-Lexi

Job Number: 70014-054  
Well ID: R-306  
Field Sampling Crew: SRA/AIB

Date: 11-10-04  
Start Time: 1545  
Finished Time:

Initial Depth to Water: 30.35  
Well Depth: 37.25  
Depth to top of screen: \_\_\_\_\_  
Depth to bottom of screen: \_\_\_\_\_  
Depth of Pump Intake: \_\_\_\_\_

Purging Device: Bladder Pump  
 Tubing present in well? No  
 Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:	1.2
Alkalinity:	430
CO <sub>2</sub> :	225

Note: slight sheen of oil observed.

Sample: 1630



Location (Site/Facility Name): Delphi-Lexi

Well ID: R-308

Field Sampling Crew: SRA/AIB

Date: 11/10/04

Start Time: 11/10/19 1400

Finished Time: 1500

Initial Depth to Water:

Well Depth:

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

27.82 total

37.90

**Purging Device: Bladder Pump**

Tubing present in well? No

Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:	0.2
Alkalinity:	400
CO <sub>2</sub> :	237

Sample: 1445

Location (Site/Facility Name): Delphi-Lexi

Well ID: R-307

Field Sampling Crew: SRA/AIB

Start Time: 0820

Finished Time:

Well Depth: 33.10 TOR

Depth to top of screen: \_\_\_\_\_

Depth to bottom of screen: \_\_\_\_\_

Depth of Pump Intake: \_\_\_\_\_

Tubing present in well? No

Tubing type: HDPE

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:	0.0
Alkalinity:	420
CO <sub>2</sub> :	240

Sample 0850



Location (Site/Facility Name): Delphi-Lexi

Well ID: SB-303

Field Sampling Crew: **SRA/AIB**

Date: 11-10-04

Start Time: 0955

Finished Time: 11:00

Initial Depth to Water: 10.28

Well Depth: 15.79

Depth to top of screen: \_\_\_\_\_

Depth to bottom of screen: \_\_\_\_\_

Depth of Pump Intake: \_\_\_\_\_

Purging Device: Bladder Pump

Tubing present in well? No

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

Iron: 0

Alkalinity: 380

$$\text{CO}_2: \quad \underline{230}$$

Sample Time : 1045

Location (Site/Facility Name): Delphi-Lexi

Field Sampling Crew: SRA/AIB

Finished Time:

Depth of Pump Intake:

Tubing type: HDPE

[illegible]

**Comments:**

This form is also appropriate for use during "low flow" groundwater sampling.

 $\text{CO}_2:$ 

140

Sample Time: 1205



Location (Site/Facility Name): Delphi-Lexi

Field Sampling Crew: SRA/AIB

Finished Time: 1:15

**Depth of Pump Intake:**

---

Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron:  $\text{CO}_2$  175  
Alkalinity: ~~220~~ 410  
 ~~$\text{CO}_2$~~  0.6  
Iron

sample Time: 1250

Location (Site/Facility Name): Delphi-Lexi

Date: 11-12-04  
Start Time: 0900  
Finished Time: 1000

Initial Depth to Water: 34.73 Toc Purging Device: Bladder Pump  
Well Depth: 47.25 Toc Tubing present in well? No  
Depth to top of screen: \_\_\_\_\_ Tubing type: HDPE  
Depth to bottom of screen: \_\_\_\_\_  
Depth of Pump Intake: \_\_\_\_\_

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

Iron: 1.8  
Alkalinity: 500  
CO<sub>2</sub>: 330 \*

Sample: 0935

\* Approximate due to precip. interference



Location (Site/Facility Name): Delphi-Lexi

Well ID: R-101

Field Sampling Crew: SRA/AIB

Date: 11/12/04

Start Time: 1030

Finished Time: 1110

Well Depth: \_\_\_\_\_

Depth to top of screen:

Depth to bottom of screen:

Depth of Pump Intake:

Tubing present in well? No

Tubing type: HDPE

[illegible]

This form is also appropriate for use during "low flow" groundwater sampling.

**Alkalinity:**

 $\text{CO}_2$ :

6.0

May 220

50 \*

Sample Time: 1130

\* Approximate due precip. interference