

**QUARTERLY PROGRESS REPORT NO. 7  
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**

**File No. 70014-054  
December 2003**



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5 December 2003  
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: Quarterly Progress Report No. 7  
Remedial Investigation  
Delphi Facility  
1000 Lexington Avenue  
Rochester, New York  
Registry Site No. 8-28-064, EPA ID No. NYD002215234

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Ladies and Gentlemen:

Please find enclosed two copies of Quarterly Progress Report No. 7 for NYSDEC Registry Site No. 8-28-064. This is the seventh 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 2003. Investigative activities performed during the reporting period included a semi-annual groundwater-level measurement and groundwater-sampling event and storm sewer and sanitary sewer sampling.


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).

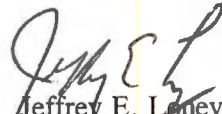
NYSDEC  
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Page 2

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

Sincerely yours,  
HALEY & ALDRICH OF NEW YORK

  
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## I. INTRODUCTION

This report is the seventh Quarterly 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.

Quarterly Report No. 7 covers RI activities performed during the period of 1 September 2003 through 30 November 2003. Activities performed during the reporting period included:

- a groundwater monitoring event that included semi-annual sampling of selected recently-installed wells and measurement of water levels in all onsite and offsite wells;
- initial sampling of flows in sanitary sewers and storm sewers;
- laboratory analysis of samples collected during the reporting period; and
- validation of laboratory data.

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 an explanation of actions taken as a result of the validation of laboratory analytical data are attached to the end of the report.

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

### **2.01 Remedial Investigation Activities**

Remedial investigation activities performed during the reporting period included a groundwater monitoring event that incorporated the initial sampling of storm sewer and sanitary sewer flows at various locations within the site. This event was performed on 20-24 October 2003. Two sewer-sample locations were re-sampled on 13 November 2003.

The groundwater-monitoring event represented the fourth groundwater sampling event of the RI. This event was performed in accordance with the RI/FS Work Plan specifications for the first semi-annual groundwater sampling event. The groundwater monitoring involved measurement of groundwater and NAPL levels in all readily-accessible monitoring wells at and off the site and sampling of 24 on- and off-site monitoring wells. Monitoring-well locations are shown on the site plan presented in Figure 2.

During the October 2003 monitoring event, samples of wastewater were collected from nine locations on the main trunks of the sanitary and storm sewers. The samples were collected and analyzed in accordance with the RI/FS Work Plan and Delphi's 11 September 2003 letter to the Department presenting the proposed analysis parameters. Sewer sampling locations are shown on Figure 2.

Laboratory analysis of groundwater and wastewater samples from the October 2003 event was completed during this reporting period. Analytical data for this event was validated during this reporting period, and the field and analytical data for the event are presented in this report.

LNAPL in on-site piezometer PZ-129 and off-site monitoring well R-243 had been sampled for PCB-congener analysis in July 2003. Analysis of the samples from PZ-129 and R-243 was completed during the sixth reporting period, but validation of the results could not be completed during that quarter and the results were not included in Quarterly report No. 6. A preliminary summary of the congeners-analysis data is included in this report; however, data validation is ongoing for qualified results that did not meet all qualitative criteria for congener identification, and the preliminary results reported herein may be subject to change.

#### **A. Water Level Measurements**

Free-Col Laboratories performed water level measurements on 20-21 October 2003 in a single site-wide measurement event that included all on-site and off-site monitoring wells. Each of the monitoring wells was measured for groundwater and/or LNAPL level. In accordance with the Work Plan and Haley & Aldrich's 26 June 2003 letter to the Department, a number of existing monitoring wells were also measured for the presence of dense non-aqueous phase liquid (DNAPL). In accordance with the Work Plan, DNAPL is no longer measured for in the new RI monitoring wells since it had not been detected in those wells for two consecutive quarters.



Groundwater and NAPL level measurements from October 2003 are presented in Appendix A, and the data are summarized on Table 1. Groundwater contour plans based on the October data are presented in Figures 3 through 5. These plans show groundwater elevations in the overburden/shallow-bedrock, intermediate-bedrock, and deep-bedrock groundwater zones.

#### **B. Groundwater Sampling**

Groundwater sampling was performed during the period of 20-24 October 2003. Twenty-four on-site and off-site monitoring wells were sampled for groundwater in accordance with the RI/FS Work Plan. Wells containing LNAPL were not sampled this quarter.

Groundwater samples were collected in accordance with the RI/FS Work Plan, Appendix G, Groundwater Sampling Procedures, and with the protocol outlined in the 26 June and 11 September 2003 letters. Free-Col Laboratories of Meadville, Pennsylvania, collected and analyzed all samples. With the exception of deep-bedrock wells DR-132 and DR-315, conventional purging of three well volumes (or until the well went dry) was performed using dedicated pumps or disposable bailers prior to sampling. Deep-bedrock wells DR-132 and DR-315 were sampled using passive diffusion bag (PDB) sampling methodology. Groundwater sampling records are presented in Appendix A.

#### **C. Sewer Sampling**

Wastewater in sewers was sampled on 24 October 2003 at nine locations - three from the sanitary sewer and six from the storm sewer. VOCs and PCBs were selected as wastewater analysis parameters because these parameters are potential indicators for determining whether contaminated groundwater or LNAPL is infiltrating the sewers. Sample locations are presented on Figure 2.

Sewer samples were collected at manholes by lowering a sample-collection device such as a disposable bailer down into the sewer and retrieving the collection device and sample water.

The "East Roadway" and "BB-23" locations were resampled for PCB analysis on 13 November to follow up a detection of Aroclor 1248 in the 24 October sample from the "East Roadway" location. PCBs were not detected in the November samples.

### **2.02 Laboratory Analysis and Data Validation**

Groundwater and wastewater samples were submitted to Free-Col Laboratories where all analyses were performed using USEPA SW-846 methods.

Laboratory analytical reports for samples submitted during the reporting period 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 where applicable as prescribed by "Test Methods For Evaluating Solid Waste, SW-846, Update III, 1996".

The validated analytical results for October and November 2003 samples are summarized in Tables 2 through 9. Actions taken to qualify the validated analytical results are described in Appendix B.

During the previous quarter, LNAPL in on-site piezometer PZ-129 and off-site monitoring well R-243 was sampled for PCB-congener analysis by a high-resolution gas chromatography/mass spectrometry method (HR-GC/MS) in accordance with Haley & Aldrich's 26 June 2003 letter to NYSDEC. A preliminary summary of the results is presented in Table 10, and a chart showing the distribution of congeners detected in the two samples is attached to Table 10.

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.

#### **A. Deep Bedrock Groundwater – Results of PDB Sampling**

At the suggestion of NYSDEC, the sampling of deep-bedrock groundwater was performed using PDB samplers for the first time this quarter. PDB samplers are made of low density polyethylene (LDPE) in the shape of a long cylindrical tube. The PDB Sampler is filled with analyte-free water. When placed in groundwater, VOCs in the groundwater, excluding certain ketones, ethers and alcohols, diffuse readily through the semi-permeable LDPE membrane into the PDB water. Equilibrium is established between the VOCs in the bag and those in the groundwater. Upon retrieval, usually 14 days after deployment, bags are opened to fill vials that are returned to the laboratory for analysis. In its work on development of the PDB method, the USGS has demonstrated that PDB sampling results are comparable in accuracy and precision for VOC concentrations to conventional sampling results.

PDB sampling eliminates the need for purging of groundwater from a well prior to sampling. This is a particular advantage at the Delphi site, where purging and recovery of groundwater in the very-low-permeability deep bedrock zone are problematic.

Results of the analysis of VOCs in groundwater at deep bedrock wells DR-132 and DR-315 using PDB samplers were comparable to results of the previous direct



sampling of groundwater at these wells. The October 2003 analyses, results of which are presented in Table 6, detected benzene, toluene, and xylene at concentrations similar to the concentrations of those compounds previously detected. Chlorinated VOCs, the primary groundwater contaminants at the Delphi site, were, as in previous sampling of these wells and 10 years of monitoring of other deep bedrock wells at the site, not detected. The PDB sampling results are consistent with the previous results in showing that the deep bedrock groundwater at the site has naturally-occurring BTEX constituents but is not affected by the contamination at the site.

Based on the results of the PDB sampling at DR-132 and DR-315, Delphi will plan to perform future sampling of deep bedrock wells using the PDB method. The next sampling of deep bedrock wells is scheduled for April 2004.

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

The following RI/FS activities are planned for the upcoming reporting period of December 2003 through February 2004.

#### **3.01 Groundwater and LNAPL Measurements**

A site-wide groundwater- and NAPL-level measurement event will be performed during the next reporting period at all on-site and off-site monitoring wells. Site-wide measurement events are required on a quarterly basis for at least the first two years of the RI/FS program.

#### **3.02 Groundwater Sampling**

The next scheduled groundwater-sampling event will include the eight off-site wells. Samples will be analyzed in accordance with Table IV of the RI/FS Work Plan.

#### **3.03 Sump Sampling**

Basements and basement sumps will be evaluated and sampled in accordance with Section 5.5 E of the Work Plan.

#### **3.04 Follow-Up Sewer Sampling and Inspection**

The "East Roadway" sanitary sewer sample location will be resampled for PCBs to evaluate the detection of Aroclor 1248 observed in the October 2003 sample results. Additional sampling and PCBs analysis will continue on a monthly basis for approximately six months, in accordance with an agreement between Delphi and Monroe County Pure Waters, unless additional detections of PCBs are noted at this location. If further detections of PCBs are noted during the next two quarters, then an evaluation of the potential source will be conducted.

Also, an evaluation of the need for additional sewer sampling and inspection and/or videotaping of the sanitary and storm sewers beneath Plants 1 and 2 will be made based on a review of the sewer sample analytical data received during this quarter, in accordance with Section 5.6 D of the Work Plan.

#### **3.05 Supplemental Off-site Groundwater Investigation**

A plan for supplemental investigation of the extent of groundwater contamination in the area of well R-305 will be submitted to NYSDEC for its review and approval.



#### 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, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA Id No. NYD002215234. Haley & Aldrich of New York, August 2002.

Quarterly Progress Report No. 3, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA Id No. NYD002215234. Haley & Aldrich of New York, November 2002.

Quarterly Progress Report No. 4, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA Id No. NYD002215234. Haley & Aldrich of New York, February 2003.

Quarterly Progress Report No. 5, Remedial Investigation, Delphi Facility, 1000 Lexington Avenue, Rochester, New York, Site No. 8-28-064, EPA Id No. NYD002215234. Haley & Aldrich of New York, June 2003.

Quarterly Progress Report No. 6, 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 2003.

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TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2003  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 20-21, 2003		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
DR-103	66.09		
DR-105	26.39		
DR-108	Dry		
DR-109	67.89		
DR-11	42.15		
DR-132	38.29		
DR-315	25.69		
MW-2 Photec	7.85		
OW-102	18.67		
OW-105	21.78		
OW-314	13.17		
OW-316	10.83	9.36	1.47
OW-317	8.65	8.45	0.20
OW-322	7.26		
OW-323	5.50		
OW-324	11.33		
OW-327	14.83	12.98	1.85
OW-328	10.47	10.35	0.12
OW-6	8.78		
OW-7	15.77		
PZ-1	7.37	7.35	0.02
PZ-111	14.15		
PZ-112	13.60		
PZ-113	11.25		
PZ-114	10.37	8.78	1.59
PZ-115	12.47		
PZ-116	10.45		
PZ-117	9.20	9.12	0.08
PZ-118	8.57		
PZ-119	8.54		
PZ-120	5.38		
PZ-121	9.35	8.57	0.78
PZ-122	6.12	6.05	0.07
PZ-123	12.42	12.09	0.33
PZ-124	8.55	6.00	2.55
PZ-125	9.99		
PZ-126	15.78		
PZ-127	8.68		
PZ-128	7.47		



TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2003  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 20-21, 2003		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
PZ-129	15.17	14.95	0.22
PZ-130	26.00	17.65	8.35
PZ-132	11.55	11.54	0.01
PZ-133	23.71		
PZ-134	23.18		
PZ-135	30.00		
PZ-136	25.49	25.36	0.13
PZ-137	31.39	31.15	0.24
PZ-138	26.02	25.98	0.04
PZ-139	30.45		
PZ-140	18.04		
PZ-141	11.95		
PZ-142	9.05	8.95	0.10
PZ-143	18.42		
PZ-144	20.71		
R-101	22.18		
R-102	38.39		
R-103	36.64		
R-105	NM		
R-105-R	33.32		
R-106	17.28		
R-107	26.03		
R-108	25.75		
R-109	19.79		
R-11	29.78	29.77	0.01
R-110	23.60		
R-131	37.40		
R-132	37.59		
R-2	30.99	29.50	1.49
R-234	25.57		
R-235	31.28	30.33	0.95
R-236	32.64	24.50	8.14
R-237	30.87	24.69	6.18
R-238	26.05	22.97	3.08
R-239	27.17		
R-240	34.18	32.86	1.32
R-241	29.55	26.54	3.01
R-242	26.03		
R-243	27.94	26.95	0.99



TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2003  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 20-21, 2003		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
R-244	27.75	26.79	0.96
R-3	19.55		
R-301	12.07		
R-302	7.73		
R-303	23.20		
R-304	18.34		
R-305	30.49	22.90	7.59
R-306	31.23		
R-307	24.80		
R-308	28.78		
R-309	35.51	24.60	10.91
R-314	38.60		
RW-101	10.65		
RW-2	10.64	9.93	0.71
RW-3	8.15	8.05	0.10
RW-4	12.38	10.05	2.33
SR-101	8.85		
SR-102	29.49	22.53	6.96
SR-103	33.63		
SR-105	30.82		
SR-107	18.05		
SR-11	21.68		
SR-110	15.43		
SR-131	20.63		
SR-132	18.94		
SR-2	10.74		
SR-208	11.53	10.85	0.68
SR-216	21.48	20.38	1.10
SR-230	20.50	20.33	0.17
SR-231	14.23		
SR-233	10.42		
SR-234	Dry		
SR-235	13.57		
SR-236	11.82	8.66	3.16
SR-245	17.37		
SR-3	9.34		
SR-301	19.08		
SR-303	10.94		
SR-304	15.89		

TABLE 1  
SUMMARY OF GROUNDWATER- AND LNAPL-LEVEL MEASUREMENTS  
OCTOBER 2003  
DELPHI CORPORATION  
ROCHESTER, NY  
(Depths and thicknesses recorded in feet)

	OCTOBER 20-21, 2003		
WELL NUMBER	DEPTH TO WATER	DEPTH TO LNAPL	OIL THICKNESS
SR-308	12.96		
SR-310	18.90	9.23	9.67
SR-311	NE	10.55	N/A
SR-312	20.20	11.45	8.75
SR-313	19.49	14.75	4.74
SR-314	15.79		
SR-316	22.51	11.47	11.04
SR-317	20.02	19.79	0.23
SR-318	27.38	19.55	7.83
SR-319	23.15	20.24	2.91
SR-320	18.05		
SR-321	18.17	14.90	3.27
SR-325	20.77		
SR-326	23.10	19.90	3.20
SR-8		Dry	
SR-9		Dry	
VM-209		NM	
VM-210	8.20		
VM-211	NE	10.37	N/A
VM-212		NM	
VM-213		Dry	
VM-214		NM	
VM-215		NM	
VM-217		NM	
VM-218	7.95	7.55	0.4
VM-219	7.7		
VM-220		NM	
VM-221		NM	
VM-222		NM	
VM-223		NM	
VM-224		Dry	
VM-225		NM	
VM-226		NM	
VM-227		NM	
VM-228		Dry	
VM-229		NM	
WELL Z	27.75		
NOTES:			



(Depths and thicknesses recorded in feet)

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NOTES FOR TABLES 2 THROUGH 9  
SUMMARY OF ANALYSIS RESULTS  
OCTOBER 2003 GROUNDWATER SAMPLING EVENT  
DELPHI CORPORATION  
ROCHESTER, NY

NOTES:

1. All results are presented in units of mg/kg or mg/L (parts-per-million, ppm).
2. Blank spaces indicate that the laboratory did not analyze for the analyte.
3. E&E denotes Ecology & Environment, Inc.  
Free-Col denotes Free-Col Laboratories.
4. 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.
  - UJ – Analyte not detected above the quantitation limit; however the quantitation limit is estimated due to deficiencies in the ability to accurately or precisely measure the analyte in the sample.
  - N – Presumed compound presence, identified as a tentatively-identified-compound (TIC).
  - NJ – TIC concentration is approximate.
  - NJD – Approximate TIC concentration based on the analysis of a diluted sample.
  - R – The sample results are rejected due to deficiencies in the ability to analyze the sample and/or meet quality control standards. The analyte was not detected, but the presence or absence of the analyte cannot be verified.
5. 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.
6. The "East Roadway" and "BB-23" sanitary sewer locations were resampled for PCBs only on 11/13/03.
7. ND - Non-detect  
NA - Not analyzed
8. The Total TICs concentration is the sum of the concentrations reported by the laboratory for TICs identified as matching mass spectra of known compounds.



TABLE 2  
SUMMARY OF SANITARY-SEWER SAMPLE ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

SAMPLE LOCATION	SanSewer-Col BB 23	SanSewer-Col LL23	SanSewer-E Road
SAMPLE DATE	22-Oct-03	22-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012679-2	2003:0012679-1	2003:0012679-3
LABORATORY	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	EPA 624	EPA 624	EPA 624
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.062
1,2-Dichlorobenzene	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U
1,3-Dichlorobenzene	0.002 U	0.002 U	0.002 U
1,4-Dichlorobenzene	0.002 U	0.002 U	0.002 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U
Acrolein	0.01 U	0.01 U	0.01 U
Acrylonitrile	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U
Chlorodibromomethane	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U
Chloroform	0.004	0.005	0.003
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U
Dichlorobromomethane	0.002 U	0.002	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U
Methyl Bromide	0.002 U	0.002 U	0.002 U
Methyl Chloride	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U
Tetrachloroethylene	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U
Trichloroethylene	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.02

TABLE 3  
SUMMARY OF SANITARY-SEWER SAMPLE ANALYSIS RESULTS - PCBs  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

SAMPLE LOCATION	SanSewer-Col LL23	SanSewer-Col BB 23	SanSewer-E Road	SanSewer-Col BB 23	SanSewer-E Road
SAMPLE DATE	22-Oct-03	22-Oct-03	22-Oct-03	13-Nov-03	13-Nov-03
LABORATORY SAMPLE ID	2003:0012679-1	2003:0012679-2	2003:0012679-3	2003:0013496-1	2003:0013496-2
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	EPA 608	EPA 608	EPA 608	EPA 608	EPA 608
Aroclor 1016	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor 1221	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor 1232	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor 1242	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor 1248	0.002 U	0.0002 U	0.0021	0.0002 U	0.0002 U
Aroclor 1254	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Aroclor 1260	0.002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U



TABLE 4  
SUMMARY OF STORM-SEWER SAMPLE ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

SAMPLE LOCATION	48" Flume	Courtyard	FF-23	Interceptor	KK-23
SAMPLE DATE	24-Oct-03	24-Oct-03	24-Oct-03	24-Oct-03	24-Oct-03
LABORATORY SAMPLE ID	2003:0012787-2	2003:0012787-3	2003:0012787-5	2003:0012787-1	2003:0012787-6
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	EPA 624	EPA 624	EPA 624	EPA 624	EPA 624
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-Dichlorobenzene	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-Dichlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,4-Dichlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Acrolein	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acrylonitrile	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
Bromoform	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
Chlorodibromomethane	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	0.004	0.005	0.002 U	0.004
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dichlorobromomethane	0.002 U	0.002 U	0.002	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methyl Bromide	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Methyl Chloride	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
Tetrachloroethylene	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-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethylene	0.002 U	0.003	0.004	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002	0.004	0.002 U	0.003



TABLE 4  
SUMMARY OF STORM-SEWER SAMPLE ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

SAMPLE LOCATION	L-23
SAMPLE DATE	24-Oct-03
LABORATORY SAMPLE ID	2003:0012787-4
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-Dichlorobenzene	0.002 U
1,2-Dichloroethane	0.002 U
1,2-Dichloropropane	0.002 U
1,3-Dichlorobenzene	0.002 U
1,4-Dichlorobenzene	0.002 U
2-Chloroethylvinylether	0.002 U
Acrolein	0.01 U
Acrylonitrile	0.01 U
Benzene	0.002 U
Bromoform	0.002 U
Carbon Tetrachloride	0.002 U
Chlorobenzene	0.002 U
Chlorodibromomethane	0.002 U
Chloroethane	0.002 U
Chloroform	0.003
cis-1,3-Dichloropropene	0.002 U
Dichlorobromomethane	0.002 U
Ethylbenzene	0.002 U
Methyl Bromide	0.002 U
Methyl Chloride	0.002 U
Methylene chloride	0.002 U
Tetrachloroethylene	0.002 U
Toluene	0.002 U
trans-1,3-Dichloropropene	0.002 U
Trichloroethylene	0.015
Vinyl Chloride	0.009



TABLE 5  
SUMMARY OF STORM-SEWER SAMPLE ANALYSIS RESULTS - PCBs  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

SAMPLE LOCATION	48" Flume	Courtyard	FF-23	Interceptor	KK-23	L-23
SAMPLE DATE	24-Oct-03	24-Oct-03	24-Oct-03	24-Oct-03	24-Oct-03	24-Oct-03
LABORATORY SAMPLE ID	2003:0012787-2	2003:0012787-3	2003:0012787-5	2003:0012787-1	2003:0012787-6	2003:0012787-4
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	EPA 608	EPA 608	EPA 608	EPA 608	EPA 608	EPA 608
Aroclor 1016	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1221	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1232	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1242	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1248	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1254	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U
Aroclor 1260	0.002 U	0.0004 U	0.02 U	0.0002 U	0.002 U	0.005 U



TABLE 6  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	DR-132	DR-315	OW-314	OW-317	OW-322
SAMPLE DATE	24-Oct-03	24-Oct-03	22-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-27	2003:0012680-26	2003:0012680-11	2003:0012680-10	2003:0012680-25
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	0.033	0.56	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U	0.002 U	0.005
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	0.019
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	0.15
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	0.013
Toluene	0.004	0.048	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	0.029
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	0.014
Xylenes, Total	0.003	0.008	0.002 U	0.002 U	0.002 U



TABLE 6  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	OW-323	OW-324	OW-324 Dup.	OW-328	R-301
SAMPLE DATE	21-Oct-03	22-Oct-03	22-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-4	2003:0012680-16	2003:0012680-17	2003:0012680-23	2003:0012680-15
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	0.016	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	0.035	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.022	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	0.055	0.055	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	0.004	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U	0.003	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	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	0.002 U	0.01	0.009	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	0.13	0.15	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 6  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	R-302	R-303	R-304	R-306	R-307
SAMPLE DATE	21-Oct-03	22-Oct-03	22-Oct-03	21-Oct-03	21-Oct-03
LABORATORY SAMPLE ID	2003:0012680-20	2003:0012680-14	2003:0012680-13	2003:0012680-21	2003:0012680-1
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	0.002 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	0.13	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	0.022	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	0.036	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	0.007	0.005	0.06	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	0.01	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	0.002 U	0.002 U	0.002 U	0.003	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	0.024	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U	0.005	0.002 U



TABLE 6  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	R-308	R-314	SR-301	SR-303	SR-303 Dup.
SAMPLE DATE	21-Oct-03	22-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03
LABORATORY SAMPLE ID	2003:0012680-3	2003:0012680-19	2003:0012680-8	2003:0012680-6	2003:0012680-7
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	0.017	0.002 U	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002	0.002 U	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.003	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	0.004	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	0.051	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	0.45	0.092	0.014	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	0.004	0.002 U	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.004	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	0.003	0.002 U	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.008	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	0.002 U	0.016	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	3.5	0.18	0.002 U	0.002 U	0.002 U
Xylenes, Total	0.002	0.002	0.002 U	0.002 U	0.002 U



TABLE 6  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - VOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	SR-304	SR-308	SR-314
SAMPLE DATE	21-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-5	2003:0012680-2	2003:0012680-12
LABORATORY	Free-Col	Free-Col	Free-Col
ANALYSIS METHOD	SW-846 8260B	SW-846 8260B	SW-846 8260B
1,1,1-Trichloroethane	0.002 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	0.002 U	0.002 U	0.002 U
1,1,2-Trichloroethane	0.002 U	0.002 U	0.002 U
1,1-Dichloroethane	0.002 U	0.002 U	0.002 U
1,1-Dichloroethene	0.002 U	0.002 U	0.002 U
1,2,4-Trimethylbenzene	0.002 U	0.002 U	0.002 U
1,2-Dichloroethane	0.002 U	0.002 U	0.002 U
1,2-Dichloropropane	0.002 U	0.002 U	0.002 U
1,3,5-Trimethylbenzene	0.002 U	0.002 U	0.002 U
2-Butanone	0.01 U	0.01 U	0.01 U
2-Chloroethylvinylether	0.002 U	0.002 U	0.002 U
2-Hexanone	0.01 U	0.01 U	0.01 U
4-Methyl-2-Pentanone	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 U	0.01 U
Benzene	0.002 U	0.002 U	0.002 U
Bromodichloromethane	0.002 U	0.002 U	0.002 U
Bromoform	0.002 U	0.002 U	0.002 U
Bromomethane	0.002 U	0.002 U	0.002 U
Carbon Disulfide	0.002 U	0.002 U	0.002 U
Carbon Tetrachloride	0.002 U	0.002 U	0.002 U
Chlorobenzene	0.002 U	0.002 U	0.002 U
Chloroethane	0.002 U	0.002 U	0.002 U
Chloroform	0.002 U	0.002 U	0.002 U
Chloromethane	0.002 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U
cis-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U
Dibromochloromethane	0.002 U	0.002 U	0.002 U
Ethylbenzene	0.002 U	0.002 U	0.002 U
Methylene chloride	0.002 U	0.002 U	0.002 U
n-Butylbenzene	0.002 U	0.002 U	0.002 U
sec-Butylbenzene	0.002 U	0.002 U	0.002 U
Styrene	0.002 U	0.002 U	0.002 U
tert-Butylbenzene	0.002 U	0.002 U	0.002 U
Tetrachloroethene	0.002 U	0.002 U	0.002 U
Toluene	0.002 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	0.002 U	0.002 U	0.002 U
trans-1,3-Dichloropropene	0.002 U	0.002 U	0.002 U
Trichloroethene	0.002 U	0.002 U	0.002 U
Vinyl Acetate	0.002 U	0.002 U	0.002 U
Vinyl Chloride	0.002 U	0.002 U	0.002 U
Xylenes, Total	0.002 U	0.002 U	0.002 U



TABLE 7  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - SEMIVOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	OW-314	OW-317	OW-322	OW-323	OW-324	OW-324 Dup.	R-301
SAMPLE DATE	22-Oct-03	21-Oct-03	22-Oct-03	21-Oct-03	22-Oct-03	22-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-11	2003:0012680-10	2003:0012680-25	2003:0012680-4	2003:0012680-16	2003:0012680-17	2003:0012680-15
LABORATORY	Free-Col	Free-Col	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	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	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	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	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	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	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	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	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	0.002 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U	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	0.002 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U	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	0.002 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U	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	0.01 U	0.01 U
2-Methylphenol	0.005 U	0.005 U	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	0.05 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U	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	0.01 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U	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	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	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	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	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	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	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	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	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	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	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	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	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	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	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	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.002 U	0.027	0.002	0.002 U	0.002 U	0.003	0.002 U
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Di-n-butyl phthalate	0.003	0.048	0.002 U	0.002 U	0.002	0.002	0.002
Di-n-octyl phthalate	0.002 U	0.002 U	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	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	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	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Fluoranthene	0.002 U	0.018	0.002 U	0.003	0.002 U	0.002 U	0.002 U
Fluorene	0.002 U	0.022	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	0.002 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U	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	0.01 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	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	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	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	0.01 U	0.01 U
Naphthalene	0.002 U	0.002	0.002 U	0.004	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	0.005 U	0.005 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.002 U	0.062	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	0.003	0.002 U	0.002 U	0.002 U
Pyrene	0.002 U	0.02	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 7  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - SEMIVOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	R-302	R-303	R-304	R-306	R-307	R-308	R-314
SAMPLE DATE	21-Oct-03	22-Oct-03	22-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-20	2003:0012680-14	2003:0012680-13	2003:0012680-21	2003:0012680-1	2003:0012680-3	2003:0012680-19
LABORATORY	Free-Col	Free-Col	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	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	0.005 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	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	0.005 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	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	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	0.002 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	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	0.042	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	0.03 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U	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	0.002 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U	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	0.002 U	0.002 U
2-Methylnaphthalene	0.01 U	0.01 U	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	0.005 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U	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	0.002 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U	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	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	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	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	0.002 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	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	0.002 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	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	0.05 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	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	0.002 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	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	0.002 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	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	0.05 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	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	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	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	0.002 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.004	0.002	0.016	0.007	0.002 U	0.002 U	0.002
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Di-n-butyl phthalate	0.002 U	0.002 U	0.002	0.01	0.002 U	0.005	0.002 U
Di-n-octyl phthalate	0.002 U	0.002 U	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	0.005 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	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	0.002 U	0.002 U
Dimethyl Phthalate	0.002 U	0.002 U	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	0.007	0.002 U	0.002	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.006	0.002 U	0.005	0.002 U
Hexachlorobenzene	0.002 U	0.002 U	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	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	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	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	0.002 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	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	0.074	0.01 U
Naphthalene	0.002 U	0.002 U	0.002 U	0.013	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	0.005 U	0.005 U
Pentachlorophenol	0.01 U	0.01 U	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	0.04	0.002 U	0.012	0.002 U
Phenol	0.002 U	0.002 U	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	0.01	0.002 U	0.004	0.002 U



TABLE 7  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - SEMIVOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	SR-301	SR-303	SR-303 Dup.	SR-308	SR-314	SR-317	SR-320
SAMPLE DATE	21-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03	22-Oct-03	21-Oct-03	21-Oct-03
LABORATORY SAMPLE ID	2003:0012680-8	2003:0012680-6	2003:0012680-7	2003:0012680-2	2003:0012680-12	2003:0012680-24	2003:0012680-9
LABORATORY	Free-Col	Free-Col	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	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	0.01 U	0.005 U
1,2-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
1,3-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
1,4-Dichlorobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
2,4,6-Trichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2,4-Dichlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2,4-Dimethylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2,4-Dinitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.06 U	0.03 U
2,4-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2,6-Dinitrotoluene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2-Chloronaphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2-Chlorophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
2-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
2-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.05 U
2-Nitrophenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
3,3'-Dichlorobenzidine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
3-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.05 U
4,6-dinitro-2-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
4-Bromophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
4-Chloro-3-methylphenol	0.002 U	0.002 U	0.002 U	0.002 U	0.067	0.004 U	0.002 U
4-Chloroaniline	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
4-Chlorophenyl phenyl ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
4-Methylphenol	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
4-Nitroaniline	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.05 U
4-Nitrophenol	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.06 U	0.03 U
Acenaphthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Acenaphthylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzo(a)anthracene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzo(a)pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzo(b)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzo(g,h,i)perylene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzo(k)fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Benzoic Acid	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.05 U
Benzyl Alcohol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Bis(2-Chloroethyl)ether	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Bis(2-ethylhexyl)phthalate	0.002 U	0.002 U	0.002 U	0.004	0.011	0.007	0.003
Butyl Benzyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Chrysene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Di-n-butyl phthalate	0.002	0.002 U	0.002 U	0.002 U	0.003	0.02	0.003
Di-n-octyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Dibenz(a,h)anthracene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Diethyl phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002
Dimethyl Phthalate	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Fluoranthene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.008	0.002 U
Fluorene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Hexachlorobenzene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Hexachlorocyclopentadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 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	0.004 U	0.002 U
Isophorone	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
n-Nitrosodi-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
n-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Naphthalene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Nitrobenzene	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U
Phenanthrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.053	0.002 U
Phenol	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U
Pyrene	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.01	0.002 U



TABLE 7  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - SEMIVOLATILE ORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	SR-325
SAMPLE DATE	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-18
LABORATORY	Free-Col
ANALYSIS METHOD	SW-846 8270C
1,2,4-Trichlorobenzene	0.005 U
1,2-Dichlorobenzene	0.005 U
1,3-Dichlorobenzene	0.005 U
1,4-Dichlorobenzene	0.005 U
2,4,5-Trichlorophenol	0.01 U
2,4,6-Trichlorophenol	0.002 U
2,4-Dichlorophenol	0.002 U
2,4-Dimethylphenol	0.002 U
2,4-Dinitrophenol	0.03 U
2,4-Dinitrotoluene	0.002 U
2,6-Dinitrotoluene	0.002 U
2-Chloronaphthalene	0.002 U
2-Chlorophenol	0.002 U
2-Methylnaphthalene	0.01 U
2-Methylphenol	0.005 U
2-Nitroaniline	0.05 U
2-Nitrophenol	0.002 U
3,3'-Dichlorobenzidine	0.01 U
3-Nitroaniline	0.05 U
4,6-dinitro-2-methylphenol	0.01 U
4-Bromophenyl phenyl ether	0.002 U
4-Chloro-3-methylphenol	0.002 U
4-Chloroaniline	0.01 U
4-Chlorophenyl phenyl ether	0.002 U
4-Methylphenol	0.005 U
4-Nitroaniline	0.05 U
4-Nitrophenol	0.03 U
Acenaphthene	0.002 U
Acenaphthylene	0.002 U
Anthracene	0.002 U
Benzo(a)anthracene	0.002 U
Benzo(a)pyrene	0.002 U
Benzo(b)fluoranthene	0.002 U
Benzo(g,h,i)perylene	0.002 U
Benzo(k)fluoranthene	0.002 U
Benzoic Acid	0.05 U
Benzyl Alcohol	0.01 U
Bis(2-Chloroethoxy)Methane	0.002 U
Bis(2-Chloroethyl)ether	0.005 U
Bis(2-Chloroisopropyl)ether	0.002 U
Bis(2-ethylhexyl)phthalate	0.002 U
Butyl Benzyl Phthalate	0.002 U
Chrysene	0.002 U
Di-n-butyl phthalate	0.002 U
Di-n-octyl phthalate	0.002 U
Dibenz(a,h)anthracene	0.005 U
Dibenzofuran	0.01 U
Diethyl phthalate	0.002 U
Dimethyl Phthalate	0.002 U
Fluoranthene	0.002 U
Fluorene	0.002 U
Hexachlorobenzene	0.002 U
Hexachlorobutadiene	0.01 U
Hexachlorocyclopentadiene	0.01 U
Hexachloroethane	0.01 U
Indeno(1,2,3-cd)pyrene	0.002 U
Isophorone	0.002 U
n-Nitrosodi-n-propylamine	0.01 U
n-Nitrosodiphenylamine	0.01 U
Naphthalene	0.002 U
Nitrobenzene	0.005 U
Pentachlorophenol	0.01 U
Phenanthrene	0.002 U
Phenol	0.002 U
Pyrene	0.002 U

TABLE 8  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS - PCBs  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	OW-322	OW-328	R-306	R-306 Dup	SR-317
SAMPLE DATE	22-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03
LABORATORY SAMPLE ID	2003:0012680-25	2003:0012680-23	2003:0012680-21	2003:0012680-22	2003:0012680-24
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	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U
Aroclor 1221	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U
Aroclor 1232	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U
Aroclor 1242	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U
Aroclor 1248	0.0004 U	0.05	0.014	0.031	0.002 U
Aroclor 1254	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U
Aroclor 1260	0.0004 U	0.002 U	0.002 U	0.002 U	0.002 U



TABLE 9  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS  
METALS and OTHER INORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	OW-314	OW-317	OW-322	OW-323	OW-324
SAMPLE DATE	22-Oct-03	21-Oct-03	22-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-11	2003:0012680-10	2003:0012680-25	2003:0012680-4	2003:0012680-16
LABORATORY	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
Arsenic	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Beryllium	0.002 U	0.002	0.002 U	0.002 U	0.002 U
Cadmium	0.0008 U	0.0015	0.0002 U	0.0006 U	0.0007 U
Chromium	0.05 U	0.06	0.05 U	0.05 U	0.05 U
Copper	0.04	0.17	0.02	0.01 U	0.03
Lead	0.064	0.21	0.019	0.033	0.046
Mercury	0.0012	0.0006	0.0003	0.0001 U	0.0002
Nickel	0.04 U	0.08	0.05	0.04	0.06
Selenium	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
Thallium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	0.12	0.29	0.062	0.757	0.144



TABLE 9  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS  
METALS and OTHER INORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	OW-324 Dup.	OW-328	R-301	R-302	R-303
SAMPLE DATE	22-Oct-03	21-Oct-03	22-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-17	2003:0012680-23	2003:0012680-15	2003:0012680-20	2003:0012680-14
LABORATORY	Free-Col	Free-Col	Free-Col	Free-Col	Free-Col
Antimony	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
Arsenic	0.05 U	0.05	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
Cadmium	0.0008 U	0.0002 U	0.0001 U	0.0001 U	0.0001 U
Chromium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Copper	0.03	0.04	0.01 U	0.01 U	0.01 U
Lead	0.049	0.074	0.002	0.003	0.001
Mercury	0.0003	0.0002	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
Selenium	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
Thallium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Zinc	0.14	0.162	0.005 U	0.018	0.005 U

TABLE 9  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS  
METALS and OTHER INORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	R-304	R-306	R-307	R-308	R-314
SAMPLE DATE	22-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-13	2003:0012680-21	2003:0012680-1	2003:0012680-3	2003:0012680-19
LABORATORY	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
Arsenic	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
Cadmium	0.0001 U	0.0003 U	0.0005 U	0.0006 U	0.0002 U
Chromium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Copper	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	0.002	0.007	0.011	0.002	0.001
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.04 U	0.04	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
Silver	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
Zinc	0.005 U	0.016	0.042	0.005 U	0.005 U



TABLE 9  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS  
METALS and OTHER INORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	SR-301	SR-303	SR-303 Dup.	SR-304	SR-308
SAMPLE DATE	21-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03	21-Oct-03
LABORATORY SAMPLE ID	2003:0012680-8	2003:0012680-6	2003:0012680-7	2003:0012680-5	2003:0012680-2
LABORATORY	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
Arsenic	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
Cadmium	0.0003 U	0.0002 U	0.0002 U	0.0002 U	0.0004 U
Chromium	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Copper	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Lead	0.011	0.001	0.002	0.004	0.006
Mercury	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Nickel	0.01 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
Silver	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
Zinc	0.014	0.023	0.036	0.023	0.009

TABLE 9  
SUMMARY OF GROUNDWATER ANALYSIS RESULTS  
METALS and OTHER INORGANIC COMPOUNDS  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (mg/L)

WELL NUMBER	SR-314	SR-317	SR-320	SR-325
SAMPLE DATE	22-Oct-03	21-Oct-03	21-Oct-03	22-Oct-03
LABORATORY SAMPLE ID	2003:0012680-12	2003:0012680-24	2003:0012680-9	2003:0012680-18
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	0.09	0.05 U	0.05 U
Beryllium	0.003	0.003	0.005	0.002 U
Cadmium	0.0008 U	0.0005 U	0.0015	0.0002 U
Chromium	0.06	0.12	0.13	0.05 U
Copper	0.07	0.11	0.14	0.01
Lead	0.067	0.12	0.15	0.01
Mercury	0.0001	0.0001 U	0.0001 U	0.0006
Nickel	0.08	0.24	0.16	0.04 U
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	0.137	0.214	0.24	0.033



TABLE 10  
PRELIMINARY SUMMARY OF LNAPL ANALYSIS RESULTS - PCB Congeners  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (ug/g)

WELL NUMBER		PZ-129	R-243
SAMPLE DATE		29-Jul-03	29-Jul-03
LAB SAMPLE ID		FVG771AA	FVG8C1AA
LABORATORY		STL Knoxville	STL Knoxville
ANALYSIS METHOD		EPA 1668A	EPA 1668A
IUPAC Congener #:	Number of chlorines:		
1	1	QJ	0.023 J
2	1	U	U
3	1	0.077 J	0.012 J
4	2	3.900	Q
5	2	U	U
6	2	1.480	QJ
7	2	QJ	U
8	2	8.630	B
9	2	QJ	U
10	2	QJ	U
11	2	U	U
12	2	QBCJ	QBCJ
13	2	C12	C12
14	2	U	U
15	2	B	B
16	3	15.000	1.460
17	3	13.500	1.100
18	3	33.800 C	4.240 C
19	3	3.200	QJ
20	3	BC	BC
21	3	17.800 C	2.630 C
22	3	10.700	1.650
23	3	U	U
24	3	0.247 J	U
25	3	1.740	0.130
26	3	4.410 C	0.489 C
27	3	1.860	0.155
28	3	C20	C20
29	3	C26	C26
30	3	C18	C18
31	3	31.800	5.710
32	3	9.560	0.478
33	3	C21	C21
34	3	QJ	U
35	3	0.170 J	U
36	3	U	U
37	3	4.890	0.770
38	3	U	U
39	3	QJ	U
40	4	17.500 C	QC
41	4	C40	C40
42	4	8.100	1.950
43	4	1.070 C	0.240 C
44	4	26.900 C	7.020 C
45	4	6.590 C	1.450 C
46	4	2.450	0.425
47	4	C44	C44
48	4	6.920	1.810
49	4	15.600 C	3.960 C
50	4	5.040 C	1.110 C
51	4	C45	C45
52	4	26.800	7.440
53	4	C50	C50
54	4	U	U
55	4	QJ	0.066 J
56	4	11.800	3.340
57	4	0.105 J	QJ
58	4	U	U
59	4	2.370 C	0.539 C
60	4	6.510	1.830

TABLE 10  
PRELIMINARY SUMMARY OF LNAPL ANALYSIS RESULTS - PCB Congeners  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (ug/g)

WELL NUMBER		PZ-129	R-243
SAMPLE DATE		29-Jul-03	29-Jul-03
LAB SAMPLE ID		FVG771AA	FVG8C1AA
LABORATORY		STL Knoxville	STL Knoxville
ANALYSIS METHOD		EPA 1668A	EPA 1668A
IUPAC Congener #:	Number of chlorines:		
61	4	38.900 C	11.400 C
62	4	C59	C59
63	4	0.895	0.254
64	4	12.400	3.490
65	4	C44	C44
66	4	21.300	5.930
67	4	0.602 J	0.130
68	4	U	U
69	4	C49	C49
70	4	C61	C61
71	4	C40	C40
72	4	QJ	U
73	4	C43	C43
74	4	C61	C61
75	4	C59	C59
76	4	C61	C61
77	4	1.590	0.383
78	4	U	U
79	4	QJ	QJ
80	4	U	U
81	4	0.066 J	QJ
82	5	2.410	0.620
83	5	QJ	0.144
84	5	4.020	1.010
85	5	2.700 C	0.775 C
86	5	QC	2.080 C
87	5	C86	C86
88	5	2.310 C	0.667 C
89	5	0.508 J	0.143
90	5	7.430 C	2.260 C
91	5	C88	C88
92	5	1.440	0.389
93	5	0.237 CJ	QCJ
94	5	U	U
95	5	7.360	2.050
96	5	QJ	0.077 J
97	5	C86	C86
98	5	QC	0.245 C
99	5	4.520 C	1.330 C
100	5	C93	C93
101	5	C90	C90
102	5	C98	C98
103	5	U	U
104	5	U	U
105	5	3.410	1.120
106	5	U	U
107	5	QJ	0.145
108	5	0.271 CJ	0.086 CJ
109	5	C86	C86
110	5	9.990 C	2.720 C
111	5	U	U
112	5	C99	C99
113	5	C90	C90
114	5	0.259 J	0.082 J
115	5	C110	C110
116	5	C85	C85
117	5	C85	C85
118	5	5.940	1.770
119	5	C86	C86



TABLE 10  
PRELIMINARY SUMMARY OF LNAPL ANALYSIS RESULTS - PCB Congeners  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (ug/g)

WELL NUMBER		PZ-129	R-243
SAMPLE DATE		29-Jul-03	29-Jul-03
LAB SAMPLE ID		FVG771AA	FVG8C1AA
LABORATORY		STL Knoxville	STL Knoxville
ANALYSIS METHOD		EPA 1668A	EPA 1668A
IUPAC Congener #:	Number of chlorines:		
120	5	U	U
121	5	U	U
122	5	QJ	0.047 J
123	5	QJ	QJ
124	5	C108	C108
125	5	C86	C86
126	5	U	U
127	5	U	U
128	6	0.295 CJ	0.085 CJ
129	6	1.790 C	0.573 C
130	6	QJ	0.039 J
131	6	U	U
132	6	0.708	0.237
133	6	U	U
134	6	0.152 CJ	QCJ
135	6	0.816 C	0.260 C
136	6	QJ	0.113 J
137	6	0.218 CJ	QCJ
138	6	C129	C129
139	6	U	U
140	6	U	U
141	6	0.453 J	0.141
142	6	U	U
143	6	C134	C134
144	6	0.169 J	0.058 J
145	6	U	U
146	6	0.220 J	0.078 J
147	6	1.390 C	0.461 C
148	6	U	U
149	6	C147	C147
150	6	U	U
151	6	C135	C135
152	6	U	U
153	6	1.370 C	0.461 C
154	6	U	U
155	6	U	U
156	6	0.206 CJ	QCJ
157	6	C156	C156
158	6	0.205 J	0.063 J
159	6	U	U
160	6	U	U
161	6	U	U
162	6	U	U
163	6	C129	C129
164	6	C137	C137
165	6	U	U
166	6	C128	C128
167	6	QJ	0.025 J
168	6	C153	C153
169	6	U	U
170	7	0.497 J	Q
171	7	0.180 CJ	0.056 CJ
172	7	U	U
173	7	C171	C171
174	7	0.576 J	Q
175	7	U	U
176	7	U	U
177	7	0.340 J	0.079 J
178	7	QJ	0.037 J

TABLE 10  
PRELIMINARY SUMMARY OF LNAPL ANALYSIS RESULTS - PCB Congeners  
DELPHI CORPORATION  
ROCHESTER, NEW YORK

All results are in ppm (ug/g)

WELL NUMBER		PZ-129	R-243
SAMPLE DATE		29-Jul-03	29-Jul-03
LAB SAMPLE ID		FVG771AA	FVG8C1AA
LABORATORY		STL Knoxville	STL Knoxville
ANALYSIS METHOD		EPA 1668A	EPA 1668A
IUPAC Congener #:	Number of chlorines:		
179	7	0.234 J	0.071 J
180	7	1.160 C	0.356 C
181	7	U	U
182	7	U	U
183	7	0.381 CJ	QCJ
184	7	U	U
185	7	C183	C183
186	7	U	U
187	7	0.611 J	0.173
188	7	U	U
189	7	U	U
190	7	0.144 J	0.042 J
191	7	U	U
192	7	U	U
193	7	C180	C180
194	8	0.345 J	0.093 J
195	8	QJ	0.040 J
196	8	0.186 J	0.054 J
197	8	U	U
198	8	QCJ	0.074 CJ
199	8	C198	C198
200	8	U	U
201	8	U	U
202	8	U	U
203	8	0.253 J	0.063 J
204	8	U	U
205	8	U	U
206	9	U	U
207	9	U	U
208	9	U	U
209	10	U	U
Total PCB identified:		442.0	93.1

Qualifiers explanation for Table 10:

J - an estimated amount below the estimated minimum level  
at which an analyte can be measured reliably.

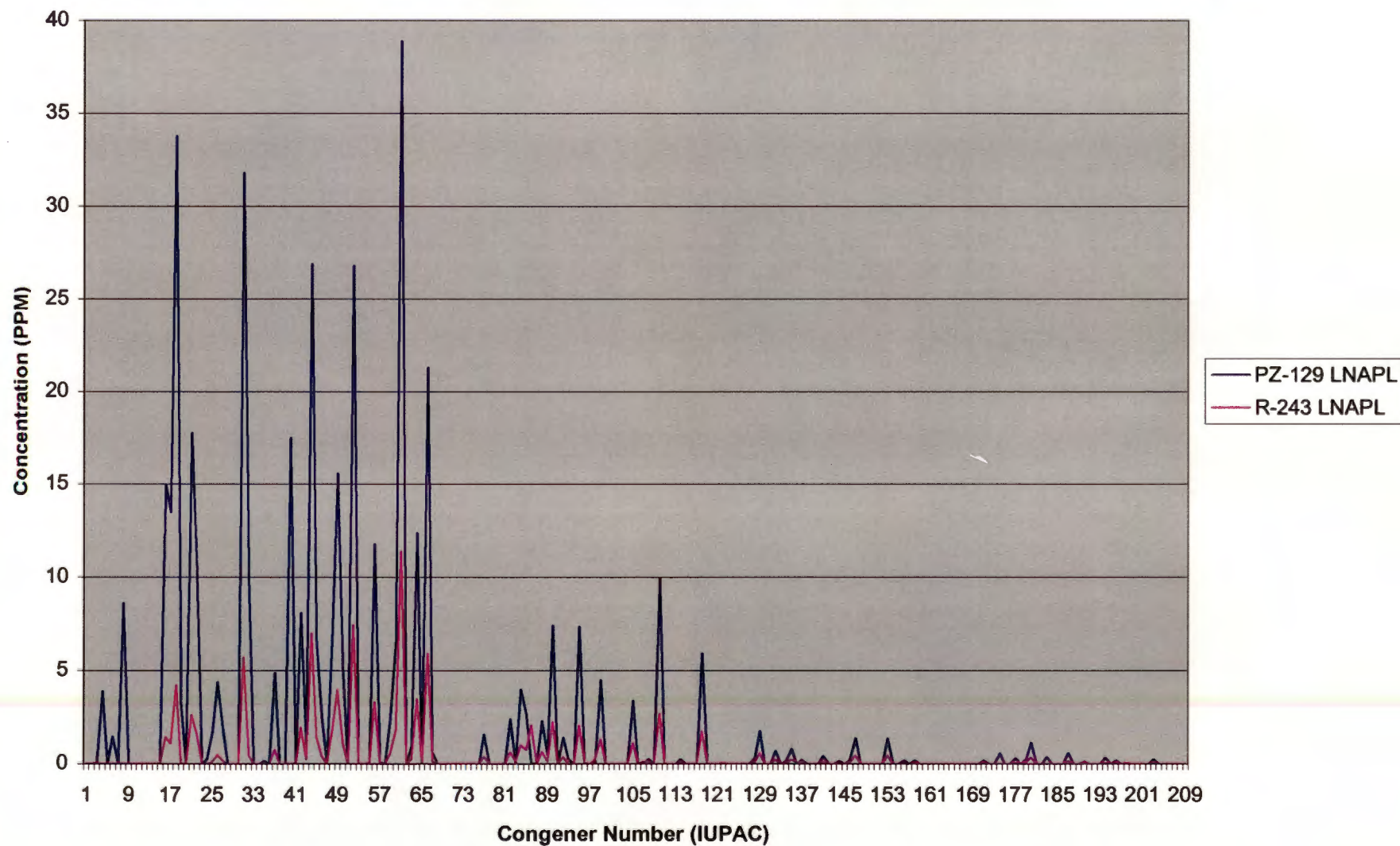
B - The analyte is present in the associated method blank at a reportable level,  
and detections reported in the project sample are therefore not reported here.

Q - Data does not meet all the qualitative criteria for a positive identification,  
and Q-qualified results are not reported here.

C - Coeluting isomer (number indicates the lowest-numbered congener in the coelution set).

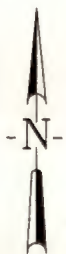
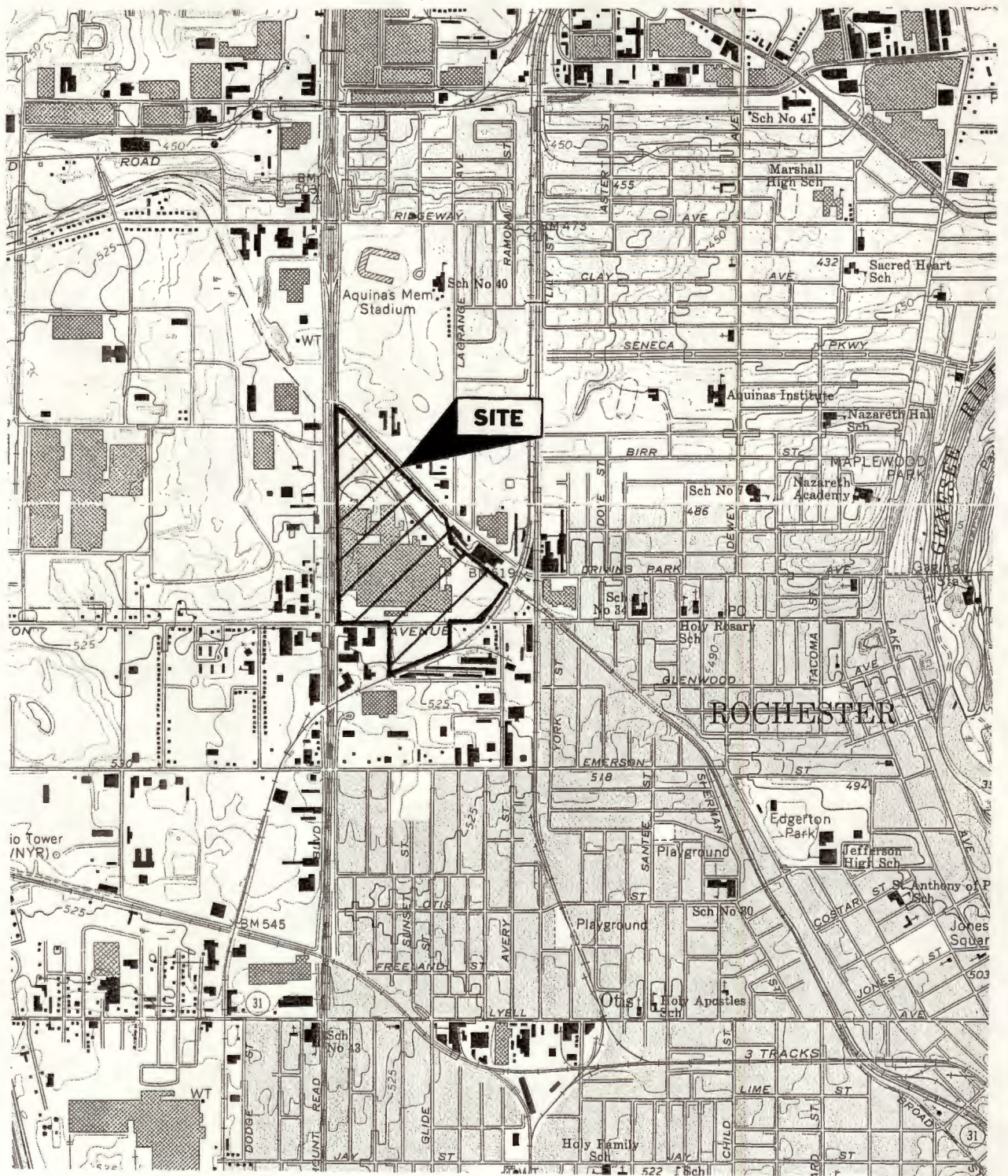


# PCB Congeners Detected, July 2003





70014-054



QUADRANGLE LOCATION: ROCHESTER WEST, N.Y.

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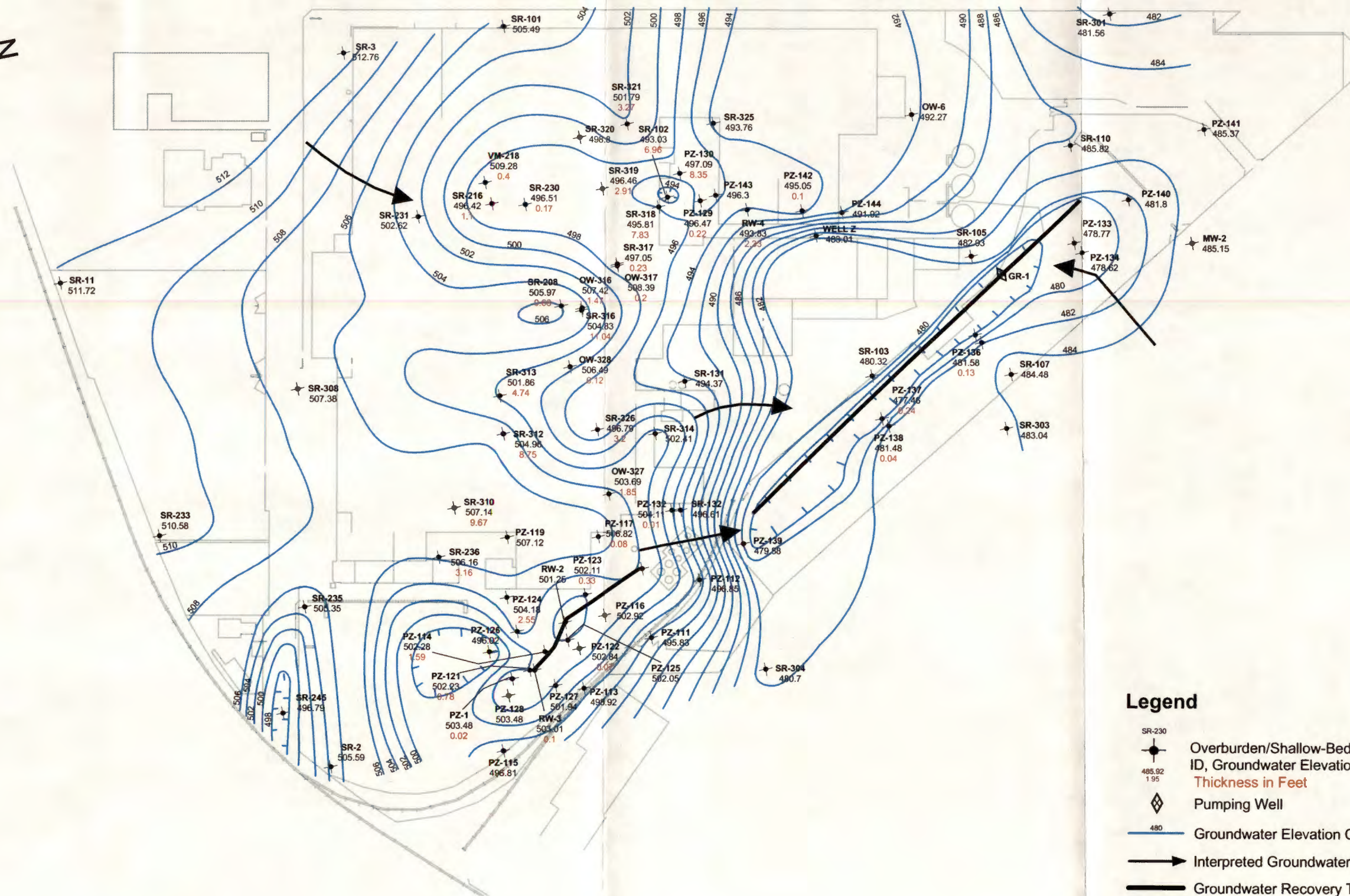
## PROJECT LOCUS

SCALE: 1" = 2000'

MAY 2002

FIGURE 1





## Legend

- Overburden/Shallow-Bedrock Well Location, ID, Groundwater Elevation, and LNAPL Thickness in Feet
- Pumping Well
- Groundwater Elevation Contour Line
- Interpreted Groundwater Flow Direction
- Groundwater Recovery Trench

## NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 20-21 October 2003. Migration control trench recovery well GR-1 was in operation during the October 2003 sampling event. Recovery well RW-2 within the Tank Farm Area gravel-filled trench was in operation during the water level measurement event.
2. Contours created with ESRI's ArcMap 8.2 Spatial Analyst extension using spline interpolation. Contours adjusted as necessary by H&A of New York to account for other known site features and conditions.
3. Contours reflect values interpolated between data points. Actual values between data points will vary.
4. Datum is Mean Sea Level (MSL). Contour interval is two feet. Elevations expressed in feet.
5. Arrows indicate interpreted groundwater flow direction.
6. Refer to text for additional information.



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ROCHESTER, NEW YORK

OVERBURDEN/SALLOW-BEDROCK ZONE  
GROUNDWATER ELEVATION CONTOUR PLAN  
OCTOBER 2003

SCALE : AS SHOWN

DECEMBER 2003



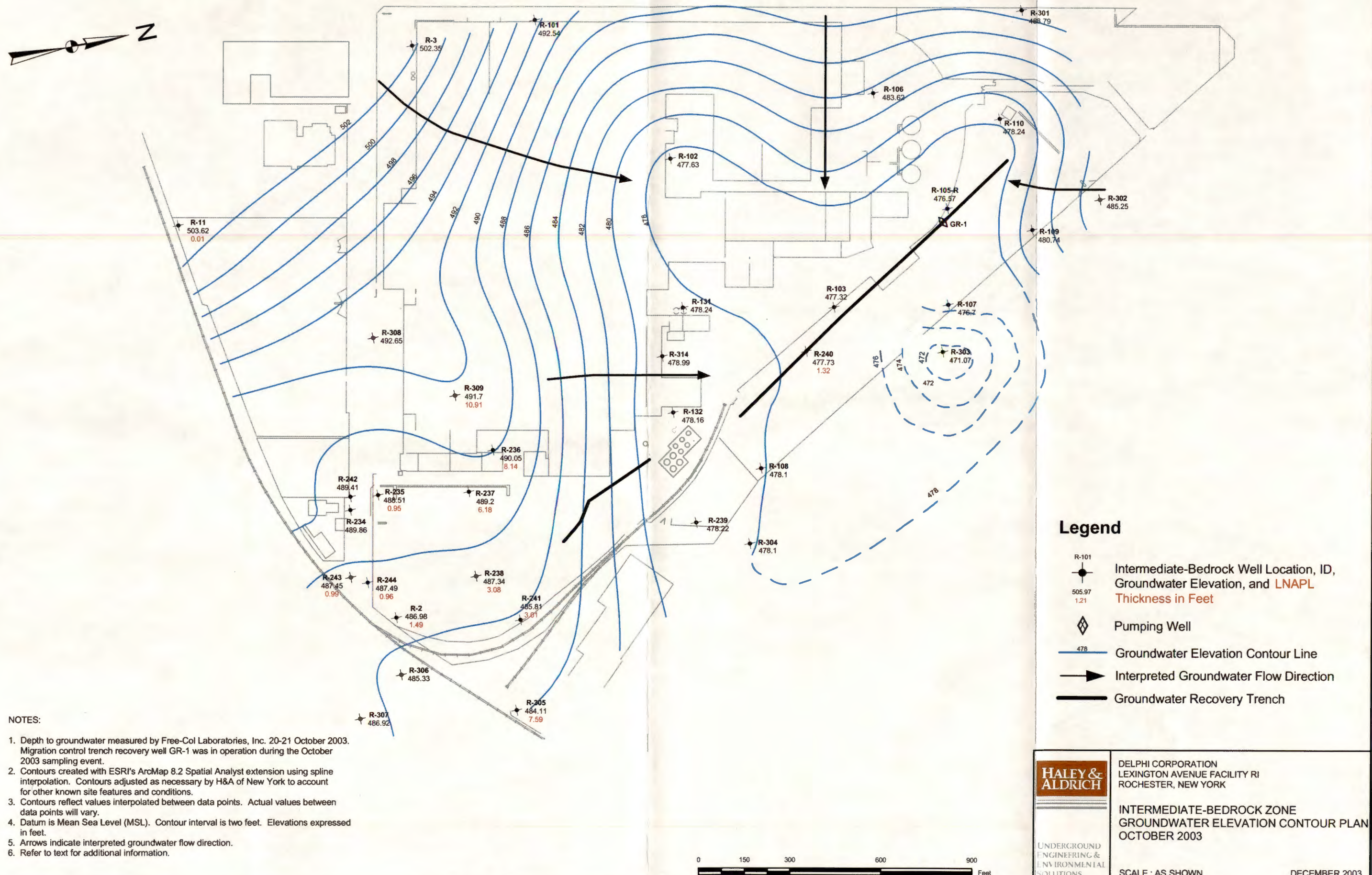
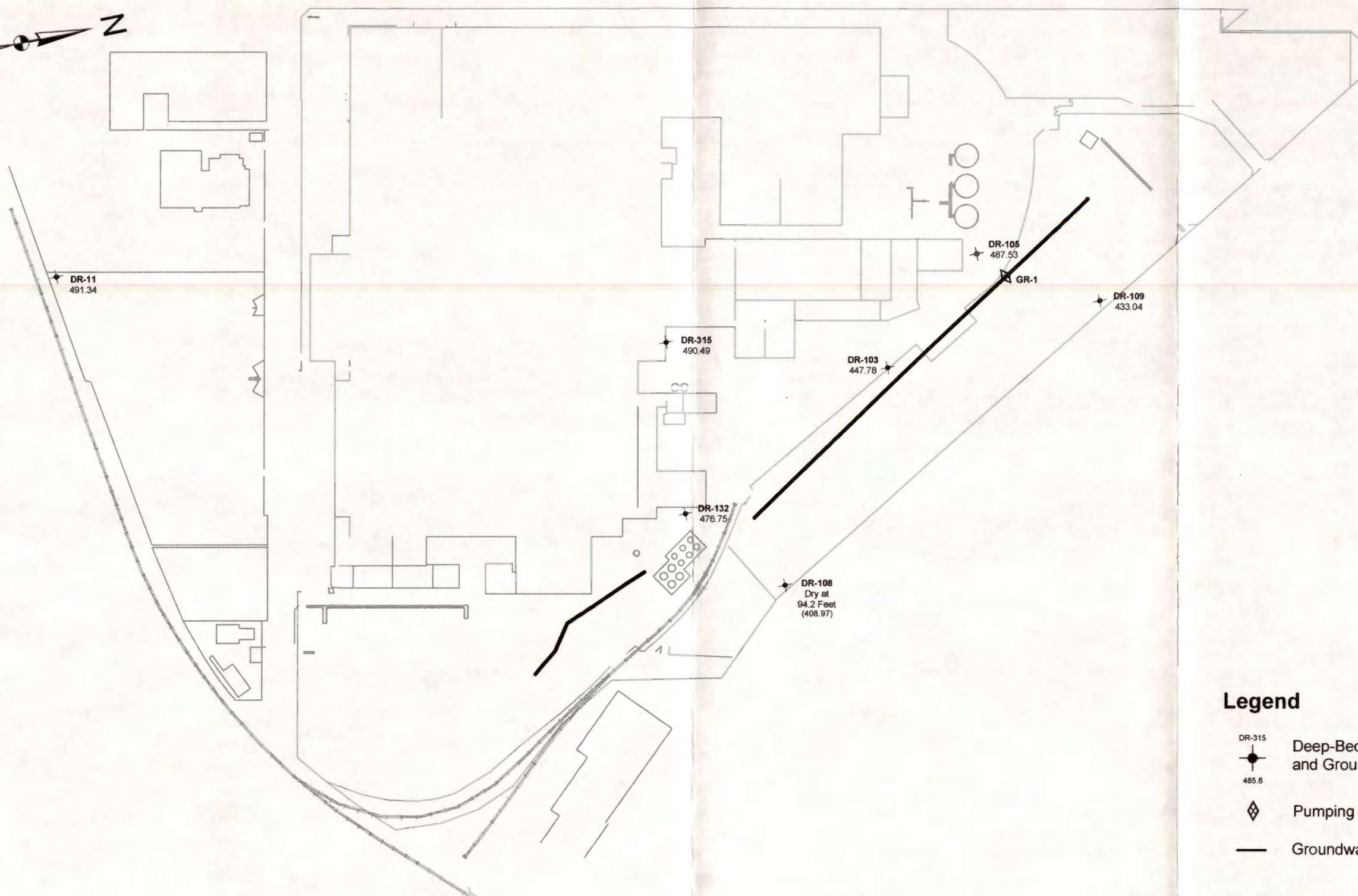


FIGURE 4





NOTES:

1. Depth to groundwater measured by Free-Col Laboratories, Inc. 20-21 October 2003. Migration control trench recovery well GR-1 was in operation during the October 2003 sampling event.
2. Datum is Mean Sea Level (MSL). Groundwater elevations expressed in feet.
3. Refer to text for additional information.



Legend

- DR-315  
485.6 Deep-Bedrock Well Location, ID, and Groundwater Elevation
- Pumping Well
- Groundwater Recovery Trench



DELPHI CORPORATION  
LEXINGTON AVENUE FACILITY RI  
ROCHESTER, NEW YORK

DEEP-BEDROCK ZONE  
GROUNDWATER ELEVATION POSTING  
OCTOBER 2003

SCALE: AS SHOWN

DECEMBER 2003

FIGURE 5

## **APPENDIX A**

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



**TABLE I**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS FIELD DATA**  
**10/20 - 10/21/03**

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
R-302	7.73		36.00	19.0	Chain locking fence was broke
SR-303	10.94		15.90	0.8	
R-303	23.20		34.40	7.3	
SR-304	15.89		16.00	0.1	
R-304	18.34		30.70	8.1	
R-306	31.23		34.00	1.8	
R-307	24.80		34.30	6.2	
R-308	28.78		35.80	4.6	
SR-308	12.96		22.27	1.5	
SR-320	18.05		24.60	1.1	
SR-317	20.02	19.79	28.40	1.4	
OW-317	8.65	8.45	15.25	1.1	
OW-328	10.47	10.35	14.80	0.7	
OW-323	5.50		14.77	1.5	
R-301	12.07		34.25	9.0	
SR-301	19.08		25.07	1.0	
OW-322	7.26		20.40	2.2	
DR-315	25.69				
OW-324	11.33		18.92	1.2	
R-314	38.60		48.94	1.7	
SR-314	15.79		30.12	2.4	
OW-314	13.17		20.11	1.2	
DR-132	38.29				
SR-325	20.77		32.88	2.1	

**TABLE II**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS PURGE DATA**  
**10/20 - 10/22/03**

LOCATION	DATE	START TIME	GALLONS PURGED	END TIME	WATER LEVEL AT END (FT)	APPEARANCE
R-302	10/21/2003	14:45	60	15:20	24.88	Slightly turbid with green color
SR-303	10/21/2003	14:00	3	14:05	10.95	Clear
R-303	10/21/2003	14:00	8	14:15	Dry	Veru turbid
SR-304	10/21/2003	13:25	0.3	13:30	15.90	Clear
R-304	10/21/2003	13:25	9	13:45	Dry	Moderately turbid and rusty
R-306	10/21/2003	12:50	6	13:05	31.38	Moderately turbid
R-307	10/21/2003	10:00	19	10:15	25.38	Very turbid ending slightly turbid
R-308	10/21/2003	11:35	15	12:05	28.48	Very turbid, slight product after 1 gallon
SR-308	10/21/2003	11:35	5	11:45	17.25	Clear, ended moderately turbid
SR-320	10/21/2003	18:50	4	19:00	21.48	Very turbid
SR-317	10/21/2003	18:00	5	18:15	25.10	Very turbid and silty
OW-317	10/21/2003	18:00	4	18:10	10.44	Moderately turbid and oily
OW-328	10/21/2003	17:14	3	17:18	11.02	Slightly turbid and yellow, ending clear
OW-323	10/21/2003	10:30	5	10:40	5.72	Moderately turbid
R-301	10/21/2003	15:55	21	16:30	Dry	Clear, ending very turbid
SR-301	10/21/2003	15:55	3	16:00	22.47	Clear, ending very turbid
OW-322	10/22/2003	9:45	7	9:55	7.35	Slightly turbid
OW-324	10/22/2003	10:10	4	10:15	15.28	Very turbid
R-314	10/22/2003	8:00	2	8:05	Dry	Very turbid
SR-314	10/22/2003	8:05	8	8:20	23.41	Very turbid
OW-314	10/22/2003	8:10	4	8:20	13.12	Moderately turbid
SR-325	10/22/2003	10:40	7	10:50	26.71	Slightly turbid



**TABLE III**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS SAMPLING DATA**  
**10/21 - 10/24/03**

LOCATION	DATE	SAMPLING TIME	WATER LEVEL (FT)	APPEARANCE	TEMP (C)	pH	SPECIFIC CONDUCTANCE (µMHOS)
R-302	10/21/2003	15:20	24.88	Slightly turbid	11	7.2	2420
SR-303	10/21/2003	14:10	10.95	Clear	13	6.9	1620
SR-303 DUP	10/21/2003	14:10	10.95	Clear	13	6.9	1600
R-303	10/22/2003	9:15	31.60	Clear	11	7.1	5110
SR-304	10/21/2003	13:40	15.90	Clear	12	7.1	4250
R-304	10/22/2003	9:00	26.08	Clear	11	8.8	6680
R-306	10/21/2003	13:05	31.38	Moderately turbid w/ slight oil sheen	12	7.1	3140
R-307	10/21/2003	10:15	25.38	Slightly turbid	15	7.2	2510
R-308	10/21/2003	12:15	28.48	Slightly turbid w/ slight oil sheen	18	7.3	4140
SR-308	10/21/2003	12:00	17.25	Slightly turbid	15	7.9	2500
SR-320	10/21/2003	19:00	21.48	Very turbid	22	7.3	1110
SR-317	10/21/2003	18:30	25.10	Very turbid and silty	22	7.3	2200
OW-317	10/21/2003	18:15	10.44	Moderately turbid w/ slight oil	22	7.7	1760
OW-328	10/21/2003	17:20	11.02	Clear with yellow color	22	6.5	1870
OW-323	10/21/2003	12:40	5.72	Slightly turbid	18	7.0	6900
R-301	10/22/2003	9:35	29.95	Clear	10	7.8	10570
SR-301	10/21/2003	16:10	22.47	Slightly turbid	13	7.0	4410
OW-322	10/22/2003	9:55	7.35	Slightly turbid	15	7.3	400
DR-315	10/24/2003	10:10		Clear			
OW-324	10/22/2003	10:20	15.28	Moderately turbid	14	7.1	1230
OW-324 DUP	10/22/2003	10:20	15.28	Moderately turbid	14	7.1	1250
R-314	10/22/2003	11:10	40.66	Clear	15	11.3	9260
SR-314	10/22/2003	8:30	23.41	Very turbid	13	7.2	9390
OW-314	10/22/2003	8:25	13.12	Moderately turbid	11	7.4	2550
DR-132	10/24/2003	10:30		Clear			
SR-325	10/22/2003	10:55	26.71	Slightly turbid	17	6.9	2490

**TABLE IV**  
**DELPHI ENERGY & ENGINE**  
**MONITORING WELLS FIELD DATA**  
**10/20/2003**

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	21.48	20.38				
VM-218	7.95	7.55				
VM-228	DRY					
VM-210	8.20					
VM-219	7.70					
SR-230	20.50	20.33				
VM-211	NO WATER	10.37				
SR-231	14.23					
PZ-142	9.05	8.95				
SR-321	18.17	14.90				
SR-319	23.15	20.24				
SR-316	22.51	11.47				
OW-316	10.83	9.36				
SR-208	11.53	10.85				
SR-326	23.10	19.90				
OW-327	14.83	12.98				
SR-311	NO WATER	10.55				
SR-310	18.90	9.23				
R-309	35.51	24.60				
SR-312	20.20	11.45				
SR-313	19.49	14.75				
RW-4	12.38	10.05				



TABLE IV (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS FIELD DATA  
10/20 - 10/21/03

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
DR-11	42.15					
R-11	29.78	29.77				
SR-11	21.68					
SR-233	10.42					
R-242	26.03					
SR-234	Dry					
R-234	25.57					
SR-235	13.57					
R-235	31.28	30.33				
SR-245	17.37					
R-243	27.94	26.95				
R-244	27.75	26.79				
R-2	30.99	29.50				
SR-2	10.74					
R-238	26.05	22.97				
R-237	30.87	24.69				
R-305	30.49	22.90				
R-239	27.17					
DR-108	Dry					Casing is loose
R-108	25.75					
SR-8	Dry					Hinge is broke
PZ-139	30.45					
R-240	34.18	32.86				
PZ-137	31.39	31.15				
PZ-138	26.02	25.98				
DR-103	66.09					Casing is rusting
R-103	36.64					
SR-103	33.63					
R-107	26.03					
OW-7	15.77					
SR-107	18.05					



TABLE IV (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS FIELD DATA  
10/20 - 10/21/03

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
PZ-135	30.00					
PZ-136	25.49	25.36				
DR-109	67.89					
R-109	19.79					
SR-9	Dry					
PZ-133	23.71					Kink in casing
PZ-134	23.18					
R-105-R	33.32					
PZ-140	18.04					
PZ-141	11.95					
R-110	23.60					
SR-110	15.43					
R-3	19.55					
SR-3	9.34					
R-101	22.18					
SR-101	8.85					
R-106	17.28					
OW-6	8.78					
DR-105	26.39					
OW-105	21.78					
SR-105	30.82					
R-131	37.40					Hinge is broke
SR-131	20.63					
R-132	37.59					
SR-132	18.94					
PZ-132	11.55	11.54				
PZ-112	13.60					
PZ-111	14.15					
RW-101	10.65					
RW-2	10.64	9.93				
PZ-123	12.42	12.09				
PZ-116	10.45					



TABLE IV (CONTD.)  
DELPHI ENERGY & ENGINE  
MONITORING WELLS FIELD DATA  
10/20 - 10/21/03

LOCATION	DEPTH TO WATER (FT)	DEPTH TO LNAPL (FT)	DEPTH TO BOTTOM OF WELL (FT)	DNAPL (FT)	WELL VOLUME (GAL)	FIELD REMARKS
PZ-125	9.99					
PZ-122	6.12	6.05				
PZ-113	11.25					
PZ-115	12.47					
R-241	29.55	26.54				
PZ-128	7.47					
PZ-127	8.68					
PZ-1	7.37	7.35				
PZ-121	9.35	8.57				
RW-3	8.15	8.05				
PZ-114	10.37	8.78				
PZ-124	8.55	6.00				
PZ-126	15.78					
PZ-118	8.57					
PZ-119	8.54					
PZ-120	5.38					
PZ-117	9.20	9.12				
R-236	32.64	24.50				
SR-236	11.82	8.66				
PZ-144	20.71					
RW-Z	27.75					
R-102	38.39					
SR-102	29.49	22.53				
OW-102	18.67					
SR-318	27.38	19.55				
PZ-129	15.17	14.95				
PZ-130	26.00	17.65				
PZ-143	18.42					
MW-2	7.85					Photec Well

## **APPENDIX B**

### **Explanation of Data Validation Actions for Laboratory Analysis Results**



## **APPENDIX B**

### **Explanation of Data Validation Actions for Laboratory Analysis Results**

The sample analysis results in this progress report have had the following qualifications made as a result of data validation actions. Refer also to the notes presented at the end of Table 10 for information on qualifiers for results of analyses of PCB congeners in LNAPL.

#### **METALS ANALYSIS DATA**

##### **Blank Sample Analysis.**

Action: In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for the target analytes. If the concentration in the sample is less than 10X the amount in any blank sample, qualify the results as "U", non-detect.

##### **Matrix Spike/Matrix Spike Duplicate (MS/MSD) Sample Analysis.**

Action: If the MS percent recovery (%R) is <30%, results > the MDL are qualified as "J" and non-detects as "R. If the MS %R is 30-74%, results > the MDL are qualified as "J" and non-detects as "UJ. If the MS %R is >125%, results > the MDL are qualified as "J" and non-detects should not be qualified. If the MS/MSD is from a project sample apply the qualifiers to affected samples of the same matrix. If the MS/MSD is a LAB sample use professional judgment.