



January 27, 2005

**CERTIFIED MAIL/
RETURN RECEIPT REQUESTED**

3293041990

Rhonda Klann
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
Saginaw Bay District Office
503 Euclid Avenue, Suite 1
Bay City, MI 48706-2965

**Part 201 Rule 716(14) Notice of Groundwater Venting to Surface Water
Delphi Former Plant 2, Saginaw, Michigan**

Dear Ms. Klann:

On behalf of Delphi Saginaw Steering Systems (Delphi), MACTEC Engineering and Consulting, Inc. (MACTEC) is submitting this notice pursuant to Rule 714(14)(a) of Part 201 of the Natural Resources and Environmental Protection Act (NREPA) 1994, as amended (PA 451). Recent groundwater analytical data indicates that there are exceedances of Groundwater/Surface Water Interface (GSI) criteria based on acute toxicity in GSI monitoring wells on the adjacent downgradient property owned by REALM, Inc.

Delphi and REALM have been investigating the nature and extent of volatile organic compounds (VOCs) in groundwater beneath the southern half of the Delphi property and the northern half of the adjacent REALM Peninsula Area property. Specifically, we are attempting to evaluate the source of hazardous substances in groundwater that is apparently discharging to the REALM wetland area, which is adjacent to (west of) REALM's Peninsula Area property (Figure 1, enclosed). In response to data collected by Delphi and REALM, Inc. during August and September 2004, Delphi installed additional onsite groundwater monitoring wells in December 2004 and collected groundwater samples from the new wells and other onsite and offsite wells. The samples were submitted to Merit Laboratories of East Lansing, Michigan for VOCs analyses.

The onsite monitoring wells that are closest to the wetland area are MW-04-11, MW-200S, MW-200D, MW-201S, and MW-201D. The offsite REALM Peninsula Area wells that are closest to the wetland area are TW98-111WT, MW98-111S1, MW04-122WT, MW04-122S1, MW04-118WT, MW04-118S1, MW04-123WT, and MW04-123S1. In addition, there are three wells installed on the offsite REALM wetland area property: MW-129WT, MW04-124WT, and MW04-123S1. These wells were not installed with the intent to serve as GSI monitoring points for the Delphi property, but nonetheless, we are comparing the groundwater data from these wells against the GSI criteria and Final

Acute Values (FAVs) for the purpose of this notification letter. After further investigation and evaluation, potentially more appropriate or alternative GSI monitoring locations may be determined.

After initial evaluation of the December analytical and groundwater-level data, Delphi has likely contributed to the VOCs detected in groundwater beneath the northern half of the REALM property. Figure 1 shows the monitoring locations, the compounds detected in groundwater, and the estimated groundwater flow directions. FAVs were calculated, and the groundwater analytical data were compared to generic GSI criteria and FAVs (Tables 1 and 2, enclosed). FAVs were not exceeded in those onsite monitoring wells listed above. The offsite monitoring wells listed above that exceed FAVs are as follows:

- MW04-122S1 for ethylbenzene at 400 µg/l (FAV is 320 µg/l) and p,m-xylene at 700 µg/l (FAV is 630 µg/l)
- MW04-123WT for vinyl chloride at 30,600 µg/l (FAV is 17,000 µg/l)
- MW98-111S1 for ethylbenzene at 1,860 µg/l; o-xylene at 1,460 µg/l (FAV is 630 µg/l); p,m-xylene at 4,290 µg/l; and 1,2,4-trimethylbenzene at 510 µg/l (FAV is 310 µg/l)

In accordance with Rule 716(14)(b), Delphi, in cooperation with REALM, is immediately assessing remediation alternatives for mitigating or preventing these FAV exceedances. We will continue to coordinate and cooperate with the MDEQ and REALM to address the exceedances of GSI criteria based on acute toxicity. Within 60 days, Delphi will submit a plan for further investigation of the nature, extent, and source of the contamination and our response plan and schedule to address FAV discharges to the wetland area. Delphi and MACTEC are currently preparing a summary report of the recent groundwater monitoring activities. This report will be submitted to you in February 2005.

Ms. Rhonda Klann
January 27, 2005
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If you have any questions, please contact Dale Thrush, Delphi's representative, at (989) 757-4679.

Sincerely,

MACTEC Engineering and Consulting, Inc.



Carrie L. Kempf
Project Manager



Michael O'Hearn, P.E.
Senior Principal Engineer

Enclosures

cc: Dale Thrush, Delphi
Cheryl Hiatt, GM
Lisa Coffey, Blasland, Bouck & Lee, Inc.
MACTEC Project File

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-01D 12/15/2004	MW-04-01D 12/15/2004	MW-04-02WT 12/16/2004	MW-04-02D 12/16/2004	MW-04-03WT 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	100 U	3,000 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	100 U	3,000 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	100 U	3,000 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	100 U	3,000 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	100 U	3,000 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	100 U	3,000 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	500 U	3,000 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	500 U	10,000 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	400	3,000 U	69	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	500 U	10,000 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	100 U	3,000 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	100 U	3,000 U	18	1 U	1 U
1,3-Dichlorobenzene	38	200	100 U	3,000 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	500 U	10,000 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	100 U	3,000 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	3,000 U	60,000 U	30 U	30 U	30 U
2-Hexanone	NA	ID	5,000 U	100,000 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	500 U	10,000 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	5,000 U	100,000 U	50 U	50 U	50 U
Acetone	1,700	30,000	3,000 U	60,000 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	500 U	10,000 U	5 U	5 U	5 U
Benzene	200	1,800	100 U	3,000 U	4	4	1 U
Bromobenzene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	100 U	3,000 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	100 U	3,000 U	1 U	1 U	1 U
Bromoform	ID	ID	100 U	3,000 U	1 U	1 U	1 U
Bromomethane	35	640	500 U	10,000 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	500 U	10,000 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	100 U	3,000 U	1 U	1 U	1 U
Chlorobenzene	47	850	100 U	3,000 U	1 U	1 U	1 U
Chloroethane	ID	20,000	500 U	10,000 U	5 U	5 U	5 U
Chloroform	170	2,600	100 U	3,000 U	1 U	1 U	1 U
Chloromethane	ID	ID	500 U	10,000 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	100 U	176,000	1	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	100 U	3,000 U	1 U	1 U	1 U
Dibromomethane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	500 U	10,000 U	5 U	5 U	5 U
Diethyl ether	ID	NC	500 U	10,000 U	5 U	5 U	5 U
Ethylbenzene	18	320	900	3,000 U	92	1 U	1 U
Hexachloroethane	6.7	140	500 U	10,000 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	100 U	3,000 U	9	1 U	1 U
Methyl iodide	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Methylene chloride	940	17,000	500 U	10,000 U	5 U	5 U	5 U
Naphthalene	13	200	500 U	10,000 U	15	5 U	5 U
n-Butylbenzene	ID	ID	100 U	3,000 U	3	1 U	1 U
n-Propylbenzene	ID	ID	100 U	3,000 U	12	1 U	1 U
o-Xylene	280	630	600	3,000 U	2	1 U	1 U
p,m-Xylene	280	630	3,600	5,000 U	241	2 U	2 U
p-Isopropyltoluene	ID	ID	100 U	3,000 U	2	1 U	1 U
sec-Butylbenzene	ID	ID	100 U	3,000 U	1	1 U	1 U
Styrene	80	2,900	100 U	3,000 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	100 U	3,000 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	500 U	10,000 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	100 U	3,000 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	10,000 U	300,000 U	100 U	100 U	100 U
Toluene	140	1,700	100 U	3,000 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	100 U	3,000 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Trichloroethene	200	3,500	100 U	176,000	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	100 U	19,000	2	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater/Surface Water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed GSI criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-03D 12/16/2004	MW-04-04WT 12/16/2004	MW-04-04D 12/16/2004	MW-04-05WT 12/16/2004	MW-04-05D 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	10 U	20 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	10 U	20 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	10 U	20 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	10 U	20 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	10 U	20 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	10 U	20 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	50 U	100 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	10 U	20 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	50 U	100 U
1,2,4-Trimethylbenzene	17	310	1 U	9	2	60	20 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	50 U	100 U
1,2-Dibromomethane	NC	ID	1 U	1 U	1 U	10 U	20 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	10 U	20 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	10 U	20 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	10 U	20 U
1,3,5-Trimethylbenzene	45	810	1 U	4	1 U	20	20 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	10 U	20 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	50 U	100 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	10 U	20 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	300 U	500 U
2-Hexanone	NA	ID	50 U	50 U	50 U	500 U	1,000 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	50 U	100 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	500 U	1,000 U
Acetone	1,700	30,000	30 U	30 U	30 U	300 U	500 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	50 U	100 U
Benzene	200	1,800	1 U	3	1 U	10 U	20 U
Bromobenzene	NC	NC	1 U	1 U	1 U	10 U	20 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	10 U	20 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	10 U	20 U
Bromoform	ID	ID	1 U	1 U	1 U	10 U	20 U
Bromomethane	35	640	5 U	5 U	5 U	50 U	100 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	50 U	100 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	10 U	20 U
Chlorobenzene	47	850	1 U	1 U	1 U	10 U	20 U
Chloroethane	ID	20,000	5 U	5 U	5 U	50 U	100 U
Chloroform	170	2,600	1 U	1 U	1 U	10 U	20 U
Chloromethane	ID	ID	5 U	5 U	5 U	50 U	100 U
cis-1,2-Dichloroethene	620	11,000	50	1	1 U	10 U	2,070
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	10 U	20 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	10 U	20 U
Dibromomethane	NC	NC	1 U	1 U	1 U	10 U	20 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	50 U	100 U
Diethyl ether	ID	NC	5 U	5 U	5 U	50 U	100 U
Ethylbenzene	18	320	1 U	2	1 U	470	40
Hexachloroethane	6.7	140	5 U	5 U	5 U	50 U	100 U
Isopropylbenzene	ID	ID	1 U	1	1 U	10	20 U
Methyl iodide	NC	NC	1 U	1 U	1 U	10 U	20 U
Methylene chloride	940	17,000	5 U	5 U	5 U	50 U	100 U
Naphthalene	13	200	5 U	5 U	5 U	50 U	100 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	10	20 U
o-Xylene	280	630	1 U	6	1 U	200	50
p,m-Xylene	280	630	2 U	5	2 U	840	90
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	10 U	20 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
Styrene	80	2,900	1 U	1 U	1 U	10 U	20 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	50 U	100 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	10 U	20 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	1,000 U	2,000 U
Toluene	140	1,700	1 U	2	1 U	10 U	20 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	10 U	20 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	10 U	20 U
Trichloroethene	200	3,500	1 U	1 U	1 U	10 U	20 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	10 U	20 U
Vinyl chloride	15	17,000	112	1	1 U	10 U	2,090

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Onsite Monitoring Wells							
Analyte	GSI	FAV	MW-04-06WT	MW-04-06D	MW-04-06D	MW-04-07WT	MW-04-07WT
			12/15/2004	12/16/2004	Duplicate	12/16/2004	Duplicate
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	29	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	3	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	2	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	4	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	3	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

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Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells		MW-04-07D	MW-04-08WT	MW-04-08D	MW-04-09WT	MW-04-09D
	GSI	FAV	12/16/2004	12/16/2004	12/16/2004	12/15/2004	12/15/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	50	1 U	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	42	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-10WT 12/15/2004	MW-04-10D 12/15/2004	MW-04-11 12/15/2004	MW-142WT 12/16/2004	MW-142D 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	117	4	1 U	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	102	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	24	5	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells					
	GSI	FAV	MW-97-101WT	MW-97-102WT	MW-98-115WT	PZ-5
			12/16/2004	12/15/2004	12/16/2004	12/15/2004
						PZ-7 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U	1 U	22 1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	26 1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U	1 U	23 1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

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Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	PZ-9 12/15/2004	PZ-36 12/16/2004	MW-200S 12/15/2004	MW-200D 12/15/2004	MW-201S 12/15/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	12	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	4	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	4	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1	6	5	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	19	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	2	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	2	1 U	1 U	1 U
o-Xylene	280	630	1 U	10	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	47	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	2	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	3	2	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	3	2	2	1 U

Concentrations reported in micrograms per liter (ug/L)

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GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

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Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells			
	GSI	FAV	MW-201D 12/15/2004	MW-201D Duplicate
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U
1,2,4-Trimethylbenzene	17	310	6	6
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U
1,3,5-Trimethylbenzene	45	810	2	2
1,3-Dichlorobenzene	38	200	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U
Acetone	1,700	30,000	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U
Benzene	200	1,800	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U
Bromoform	ID	ID	1 U	1 U
Bromomethane	35	640	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U
Chlorobenzene	47	850	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U
Chloroform	170	2,600	1 U	1 U
Chloromethane	ID	ID	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U
Ethylbenzene	18	320	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U
Naphthalene	13	200	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U
o-Xylene	280	630	1	1
p,m-Xylene	280	630	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U
Styrene	80	2,900	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U
Toluene	140	1,700	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Offsite Monitoring Wells						
	GSI	FAV	MW97-104WT	MW97-104S1	TW98-109WT	MW98-109S1	TW98-110WT
			12/17/2004	12/17/2004	12/17/2004	12/17/2004	12/17/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	100 U	50 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	100 U	50 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	100 U	50 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	100 U	50 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	100 U	50 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	100 U	50 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	500 U	300 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	100 U	50 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	500 U	300 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	100 U	50 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	500 U	300 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	100 U	50 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	100 U	50 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	100 U	50 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	100 U	50 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	100 U	50 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	100 U	50 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	500 U	300 U	5 U	5 U
1,4-Dichlorobenzene	13	200	3	100 U	50 U	5	1 U
2-Butanone (MEK)	2,200	40,000	30 U	3,000 U	1,000 U	30 U	30 U
2-Hexanone	NA	ID	50 U	5,000 U	3,000 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	500 U	300 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	5,000 U	3,000 U	50 U	50 U
Acetone	1,700	30,000	30 U	3,000 U	1,000 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	500 U	300 U	5 U	5 U
Benzene	200	1,800	5	100 U	50 U	9	1 U
Bromobenzene	NC	NC	1 U	100 U	50 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	100 U	50 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	100 U	50 U	1 U	1 U
Bromoform	ID	ID	1 U	100 U	50 U	1 U	1 U
Bromomethane	35	640	5 U	500 U	300 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	500 U	300 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	100 U	50 U	1 U	1 U
Chlorobenzene	47	850	6	200	90	63	1 U
Chloroethane	ID	20,000	5 U	500 U	300 U	5 U	5 U
Chloroform	170	2,600	1 U	100 U	50 U	1 U	1 U
Chloromethane	ID	ID	5 U	500 U	300 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	2,600	1,760	1	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	100 U	50 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	100 U	50 U	1 U	1 U
Dibromomethane	NC	NC	1 U	100 U	50 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	500 U	300 U	5 U	5 U
Diethyl ether	ID	NC	5 U	500 U	300 U	5 U	5 U
Ethylbenzene	18	320	1 U	100 U	50 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	500 U	300 U	5 U	5 U
Isopropylbenzene	ID	ID	5	100 U	50 U	3	1 U
Methyl iodide	NC	NC	1 U	100 U	50 U	1 U	1 U
Methylene chloride	940	17,000	5 U	500 U	300 U	5 U	5 U
Naphthalene	13	200	5 U	500 U	300 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	100 U	50 U	1 U	1 U
n-Propylbenzene	ID	ID	5	100 U	50 U	3	1 U
o-Xylene	280	630	1 U	100 U	50 U	1 U	1 U
p,m-Xylene	280	630	2 U	200 U	100 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	100 U	50 U	1 U	1 U
sec-Butylbenzene	ID	ID	1	100 U	50 U	1 U	1 U
Styrene	80	2,900	1 U	100 U	50 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	100 U	50 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	500 U	300 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	100 U	50 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	10,000 U	5,000 U	100 U	100 U
Toluene	140	1,700	1 U	100 U	50 U	1	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	100 U	50 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	100 U	50 U	1 U	1 U
Trichloroethene	200	3,500	1 U	100 U	50 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	100 U	50 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	2,300	6,880	63	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Offsite Monitoring Wells						
	GSI	FAV	MW98-110S1 12/17/2004	MW-98-110S1 Duplicate	TW98-111WT 12/17/2004	MW98-111S1 12/17/2004	MW01-118WT 12/17/2004
1,1,1,2-Tetrachloroethane	ID	ID	100 U	100 U	1 U	30 U	1 U
1,1,1-Trichloroethane	200	1,600	100 U	100 U	1 U	30 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	100 U	100 U	1 U	30 U	1 U
1,1,2-Trichloroethane	330	5,600	100 U	100 U	1 U	30 U	1 U
1,1-Dichloroethane	740	13,000	100 U	100 U	1 U	30 U	1 U
1,1-Dichloroethene	65	2,300	100 U	100 U	1 U	30 U	1 U
1,2,3-Trichlorobenzene	NC	NC	500 U	500 U	5 U	100 U	5 U
1,2,3-Trichloropropane	NC	NC	100 U	100 U	1 U	30 U	1 U
1,2,4-Trichlorobenzene	30	200	500 U	500 U	5 U	100 U	5 U
1,2,4-Trimethylbenzene	17	310	100 U	100 U	36	510	1 U
1,2-Dibromo-3-chloropropane	NC	NC	500 U	500 U	5 U	100 U	5 U
1,2-Dibromoethane	NC	ID	100 U	100 U	1 U	30 U	1 U
1,2-Dichlorobenzene	16	240	100 U	100 U	1 U	30 U	1 U
1,2-Dichloroethane	360	15,000	100 U	100 U	1 U	30 U	1 U
1,2-Dichloropropane	290	4,000	100 U	100 U	1 U	30 U	1 U
1,3,5-Trimethylbenzene	45	810	100 U	100 U	12	90	1 U
1,3-Dichlorobenzene	38	200	100 U	100 U	1	30 U	1 U
1,4-Dichloro-2-butene	NC	NC	500 U	500 U	5 U	100 U	5 U
1,4-Dichlorobenzene	13	200	100 U	100 U	1 U	30 U	1 U
2-Butanone (MEK)	2,200	40,000	3,000 U	3,000 U	30 U	600 U	30 U
2-Hexanone	NA	ID	5,000 U	5,000 U	50 U	1,000 U	50 U
2-Methylnaphthalene	ID	ID	500 U	500 U	5 U	100 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	5,000 U	5,000 U	50 U	1,000 U	50 U
Acetone	1,700	30,000	3,000 U	3,000 U	30 U	600 U	30 U
Acrylonitrile	4.9	1,200	500 U	500 U	5 U	100 U	5 U
Benzene	200	1,800	100 U	100 U	15	90	2
Bromobenzene	NC	NC	100 U	100 U	1 U	30 U	1 U
Bromochloromethane	NC	ID	100 U	100 U	1 U	30 U	1 U
Bromodichloromethane	ID	NC	100 U	100 U	1 U	30 U	1 U
Bromoform	ID	ID	100 U	100 U	1 U	30 U	1 U
Bromomethane	35	640	500 U	500 U	5 U	100 U	5 U
Carbon disulfide	ID	ID	500 U	500 U	5 U	100 U	5 U
Carbon tetrachloride	45	1,600	100 U	100 U	1 U	30 U	1 U
Chlorobenzene	47	850	100 U	100 U	11	230	43
Chloroethane	ID	20,000	500 U	500 U	5 U	100 U	5 U
Chloroform	170	2,600	100 U	100 U	1 U	30 U	1 U
Chloromethane	ID	ID	500 U	500 U	5 U	100 U	5 U
cis-1,2-Dichloroethene	620	11,000	8,100	7,500	1 U	30 U	4
cis-1,3-Dichloropropene	NC	NC	100 U	100 U	1 U	30 U	1 U
Dibromochloromethane	ID	ID	100 U	100 U	1 U	30 U	1 U
Dibromomethane	NC	NC	100 U	100 U	1 U	30 U	1 U
Dichlorodifluoromethane	NC	ID	500 U	500 U	5 U	100 U	5 U
Diethyl ether	ID	NC	500 U	500 U	5 U	100 U	5 U
Ethylbenzene	18	320	100 U	100 U	51	1,860	2
Hexachloroethane	6.7	140	500 U	500 U	5 U	100 U	5 U
Isopropylbenzene	ID	ID	100 U	100 U	5	60	1 U
Methyl iodide	NC	NC	100 U	100 U	1 U	30 U	1 U
Methylene chloride	940	17,000	500 U	500 U	5 U	100 U	5 U
Naphthalene	13	200	500 U	500 U	13	200	5 U
n-Butylbenzene	ID	ID	100 U	100 U	4	30 U	1 U
n-Propylbenzene	ID	ID	100 U	100 U	6	70	1 U
o-Xylene	280	630	100 U	100 U	52	1,480	1
p,m-Xylene	280	630	200 U	200 U	110	4,290	3
p-Isopropyltoluene	ID	ID	100 U	100 U	2	30 U	1 U
sec-Butylbenzene	ID	ID	100 U	100 U	3	30 U	1 U
Styrene	80	2,900	100 U	100 U	1 U	30 U	1 U
tert-Butylbenzene	ID	ID	100 U	100 U	1 U	30 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	500 U	500 U	5 U	100 U	5 U
Tetrachloroethene	45	2,900	100 U	100 U	1 U	30 U	1 U
Tetrahydrofuran	11,000	150,000	10,000 U	10,000 U	100 U	3,000 U	100 U
Toluene	140	1,700	100 U	100 U	3	530	1 U
trans-1,2-Dichloroethene	1,500	28,000	100 U	100 U	1 U	30 U	1 U
trans-1,3-Dichloropropene	NC	NC	100 U	100 U	1 U	30 U	1 U
Trichloroethene	200	3,500	100 U	100 U	1 U	30 U	1 U
Trichlorofluoromethane	NC	NC	100 U	100 U	1 U	30 U	1 U
Vinyl chloride	15	17,000	1,700	1,500	1 U	30 U	27

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Offsite Monitoring Wells						
	GSI	FAV	MW04-118S1 12/17/2004	MW04-122WT 12/17/2004	MW04-122S1 12/17/2004	MW04-123WT 12/17/2004	MW-04-123WT Duplicate
1,1,1,2-Tetrachloroethane	ID	ID	50 U	1 U	100 U	200 U	200 U
1,1,1-Trichloroethane	200	1,600	50 U	1 U	100 U	200 U	200 U
1,1,2,2-Tetrachloroethane	78	1,800	50 U	1 U	100 U	200 U	200 U
1,1,2-Trichloroethane	330	5,600	50 U	1 U	100 U	200 U	200 U
1,1-Dichloroethane	740	13,000	50 U	1 U	100 U	200 U	200 U
1,1-Dichloroethene	65	2,300	50 U	1 U	100 U	200 U	200 U
1,2,3-Trichlorobenzene	NC	NC	300 U	5 U	500 U	1,000 U	1,000 U
1,2,3-Trichloropropane	NC	NC	50 U	1 U	100 U	200 U	200 U
1,2,4-Trichlorobenzene	30	200	300 U	5 U	500 U	1,000 U	1,000 U
1,2,4-Trimethylbenzene	17	310	50 U	6	100 U	200 U	200 U
1,2-Dibromo-3-chloropropane	NC	NC	300 U	5 U	500 U	1,000 U	1,000 U
1,2-Dibromoethane	NC	ID	50 U	1 U	100 U	200 U	200 U
1,2-Dichlorobenzene	16	240	60	1 U	100 U	200 U	200 U
1,2-Dichloroethane	360	15,000	50 U	1 U	100 U	200 U	200 U
1,2-Dichloropropane	290	4,000	50 U	1 U	100 U	200 U	200 U
1,3,5-Trimethylbenzene	45	810	50 U	1 U	100 U	200 U	200 U
1,3-Dichlorobenzene	38	200	50 U	1 U	100 U	200 U	200 U
1,4-Dichloro-2-butene	NC	NC	300 U	5 U	500 U	1,000 U	1,000 U
1,4-Dichlorobenzene	13	200	50 U	2	100 U	200 U	200 U
2-Butanone (MEK)	2,200	40,000	1,000 U	30 U	3,000 U	5,000 U	5,000 U
2-Hexanone	NA	ID	3,000 U	50 U	5,000 U	10,000 U	10,000 U
2-Methylnaphthalene	ID	ID	300 U	5 U	500 U	1,000 U	1,000 U
4-Methyl-2-pentanone (MIBK)	ID	ID	3,000 U	50 U	5,000 U	10,000 U	10,000 U
Acetone	1,700	30,000	1,000 U	30 U	3,000 U	5,000 U	5,000 U
Acrylonitrile	4.9	1,200	300 U	5 U	500 U	1,000 U	1,000 U
Benzene	200	1,800	50 U	17	100 U	200 U	200 U
Bromobenzene	NC	NC	50 U	1 U	100 U	200 U	200 U
Bromochloromethane	NC	ID	50 U	1 U	100 U	200 U	200 U
Bromodichloromethane	ID	NC	50 U	1 U	100 U	200 U	200 U
Bromoform	ID	ID	50 U	1 U	100 U	200 U	200 U
Bromomethane	35	640	300 U	5 U	500 U	1,000 U	1,000 U
Carbon disulfide	ID	ID	300 U	5 U	500 U	1,000 U	1,000 U
Carbon tetrachloride	45	1,600	50 U	1 U	100 U	200 U	200 U
Chlorobenzene	47	850	190	82	100	200 U	200 U
Chloroethane	ID	20,000	300 U	5 U	500 U	1,000 U	1,000 U
Chloroform	170	2,600	50 U	1 U	100 U	200 U	200 U
Chloromethane	ID	ID	300 U	5 U	500 U	1,000 U	1,000 U
cis-1,2-Dichloroethene	620	11,000	850	162	2,100	10,500	10,100
cis-1,3-Dichloropropene	NC	NC	50 U	1 U	100 U	200 U	200 U
Dibromochloromethane	ID	ID	50 U	1 U	100 U	200 U	200 U
Dibromomethane	NC	NC	50 U	1 U	100 U	200 U	200 U
Dichlorodifluoromethane	NC	ID	300 U	5 U	500 U	1,000 U	1,000 U
Diethyl ether	ID	NC	300 U	5 U	500 U	1,000 U	1,000 U
Ethylbenzene	18	320	190	42	400	200 U	200 U
Hexachloroethane	6.7	140	300 U	5 U	500 U	1,000 U	1,000 U
Isopropylbenzene	ID	ID	50 U	15	100 U	200 U	200 U
Methyl iodide	NC	NC	50 U	1 U	100 U	200 U	200 U
Methylene chloride	940	17,000	300 U	5 U	500 U	1,000 U	1,000 U
Naphthalene	13	200	300 U	5 U	500 U	1,000 U	1,000 U
n-Butylbenzene	ID	ID	50 U	7	100 U	200 U	200 U
n-Propylbenzene	ID	ID	50 U	18	100 U	200 U	200 U
o-Xylene	280	630	50 U	10	100	200 U	200 U
p,m-Xylene	280	630	100 U	71	700	400 U	400 U
p-Isopropyltoluene	ID	ID	50 U	1 U	100 U	200 U	200 U
sec-Butylbenzene	ID	ID	50 U	3	100 U	200 U	200 U
Styrene	80	2,900	50 U	1 U	100 U	200 U	200 U
tert-Butylbenzene	ID	ID	50 U	1 U	100 U	200 U	200 U
tert-Methyl butyl ether (MTBE)	730	13,000	300 U	5 U	500 U	1,000 U	1,000 U
Tetrachloroethene	45	2,900	50 U	1 U	100 U	200 U	200 U
Tetrahydrofuran	11,000	150,000	5,000 U	100 U	10,000 U	20,000 U	20,000 U
Toluene	140	1,700	60	6	200	200 U	200 U
trans-1,2-Dichloroethene	1,500	28,000	50 U	1	100 U	200 U	200 U
trans-1,3-Dichloropropene	NC	NC	50 U	1 U	100 U	200 U	200 U
Trichloroethene	200	3,500	50 U	1 U	100 U	200 U	200 U
Trichlorofluoromethane	NC	NC	50 U	1 U	100 U	200 U	200 U
Vinyl chloride	15	17,000	8,250	226	6,500	30,600	35,300

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	GSI	FAV	Offsite Monitoring Wells			
			MW04-123S1 12/17/2004	MW04-124WT 12/17/2004	MW04-124S1 12/17/2004	MW-129WT 12/17/2004
1,1,1,2-Tetrachloroethane	ID	ID	50 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	50 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	50 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	50 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	50 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	50 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	300 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	50 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	300 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	50 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	300 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	50 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	50 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	50 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	50 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	50 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	50 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	300 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	50 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	1,000 U	30 U	30 U	30 U
2-Hexanone	NA	ID	3,000 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	300 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	3,000 U	50 U	50 U	50 U
Acetone	1,700	30,000	1,000 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	300 U	5 U	5 U	5 U
Benzene	200	1,800	50 U	1 U	1 U	1 U
Bromobenzene	NC	NC	50 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	50 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	50 U	1 U	1 U	1 U
Bromoform	ID	ID	50 U	1 U	1 U	1 U
Bromomethane	35	640	300 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	300 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	50 U	1 U	1 U	1 U
Chlorobenzene	47	850	50 U	1	1 U	1 U
Chloroethane	ID	20,000	300 U	5 U	5 U	5 U
Chloroform	170	2,600	50 U	1 U	1 U	1 U
Chloromethane	ID	ID	300 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1,780	2	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	50 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	50 U	1 U	1 U	1 U
Dibromomethane	NC	NC	50 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	300 U	5 U	5 U	5 U
Diethyl ether	ID	NC	300 U	5 U	5 U	5 U
Ethylbenzene	18	320	50 U	1	1 U	1 U
Hexachloroethane	6.7	140	300 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	50 U	1 U	1 U	1 U
Methyl iodide	NC	NC	50 U	1 U	1 U	1 U
Methylene chloride	940	17,000	300 U	5 U	5 U	5 U
Naphthalene	13	200	300 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	50 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	50 U	1 U	1 U	1 U
o-Xylene	280	630	50 U	1 U	1 U	1 U
p,m-Xylene	280	630	100 U	2	2 U	2 U
p-Isopropyltoluene	ID	ID	50 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	50 U	1 U	1 U	1 U
Styrene	80	2,900	50 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	50 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	300 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	50 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	5,000 U	100 U	100 U	100 U
Toluene	140	1,700	50 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	50 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	50 U	1 U	1 U	1 U
Trichloroethene	200	3,500	50 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	50 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	7,350	6	12	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Quality Control Samples				
	GSI	FAV	MW-200 Equip. Blank	MW-201 Equip. Blank	MW-202 Equip. Blank
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	2	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 2. Analytical Results for Groundwater Samples - General Water Quality Parameters
Delphi - Plant 2, Saginaw, Michigan
December 2004

GSI	FAV	MW-04-01WT 12/15/2004	MW-04-01D 12/15/2004	MW-04-11 12/15/2004	MW-200S 12/15/2004	MW-200D 12/15/2004	MW-201S 12/15/2004	MW-201D 12/15/2004	MW-201D Duplicate	MW-97-102WT 12/15/2004
Hydroxide as CaCO ₃	NC	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbonate Alkalinity	NC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Alkalinity as CaCO ₃	NC	371	309	465	557	527	511	732	713	573
Bicarbonate Alkalinity	NC	371	309	465	557	527	511	732	713	573
Ammonia-N	NC	4.5	4.1	0.1 U	0.9	0.4	1.0	0.8	0.8	6.5
un-ionized Ammonia*	0.029	0.18	0.164		0.036	0.016	0.04	0.032	0.032	0.26
Nitrate-N	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrite-N	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloride	50	342	4100	114	368	236	201	431	433	63
Sulfate	NC	22	13	25	25	38	33	19	17	20
Total Phosphorus	1	0.21	0.02	0.02 U	0.41	0.10	0.25	0.17	0.14	0.37
Total Dissolved Solids	500	990	7403	676	1141	963	896	1545	1552	768
Calcium	NC	62.1	620	145	157	118	150	184	182	27.7
Iron	NC	2.22	27.1	2.72	7.71	3.84	9.61	14.1	18.0	0.83
Magnesium	NC	22.9	160	44.7	31.0	23.1	29.2	49.9	47.8	12.2
Potassium	NC	39.4	6.1	4.42	10.8	10.1	11.8	1.51	1.65	28.0
Sodium	NC	259	1810	63.4	290	247	155	351	339	247

Concentrations reported in milligrams per liter (mg/L).

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater/surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

Results that exceed the GSI criterion are boxed and bolded.

* Calculated; un-ionized ammonia concentration is 4% of the ammonia concentration reported by the laboratory.



January 27, 2005

**CERTIFIED MAIL/
RETURN RECEIPT REQUESTED**

3293041990

Rhonda Klann
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
Saginaw Bay District Office
503 Euclid Avenue, Suite 1
Bay City, MI 48706-2965

**Notice of Migration of Contamination
Delphi Former Plant 2, Saginaw, Michigan**

Dear Ms. Klann:

Delphi Saginaw Steering Systems (Delphi) has enclosed with this letter a Notice of Migration of Contamination (EQP4482) for Delphi's Former Plant 2 located in Saginaw, Michigan (site) to ensure compliance with MDEQ's requirements (R 299.5522) regarding such notification.

During December 2004, Delphi conducted additional site investigation to evaluate the nature and extent of potential contaminants in site groundwater. This additional site investigation included the installation of new monitoring wells and an additional round of groundwater levels and sampling from selected monitoring wells and piezometers within the southern half of the site and on the offsite Remediation and Liability Management Company, Inc. (REALM) Peninsula and wetland area properties. MACTEC received the final analytical data package from Merit Laboratories, Inc. of East Lansing, Michigan to MACTEC Engineering and Consulting, Inc. (MACTEC) on January 17, 2005. On behalf of Delphi, MACTEC evaluated this data set along with Delphi data collected in August 2004 and REALM data that was recently submitted to Delphi.

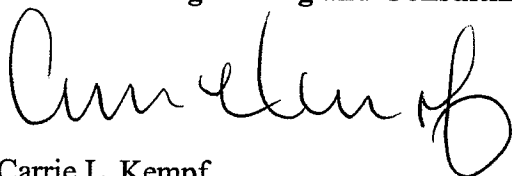
At this time, Delphi has reason to believe that hazardous substances are likely to have migrated beyond the southern site property boundary. Specifically, analytical results indicate that several volatile organic compounds may be migrating offsite in groundwater from Delphi's Plant 2 property onto adjacent REALM (former General Motors [GM] Saginaw Malleable Iron Plant) property.

Ms. Rhonda Klann
MDEQ-RRD
January 27, 2005
Page 2

If you have any questions about this Notice, please contact Dale Thrush, Delphi's representative, at 989-757-4679.

Sincerely,

MACTEC Engineering and Consulting, Inc.



Carrie L. Kempf
Project Manager



Michael O'Hearn, P.E.
Senior Principal Engineer

Enclosure

cc: Dale Thrush, Delphi
Cheryl R. Hiatt, GM
Lisa Coffey, Blasland, Bouck & Lee, Inc.
MACTEC project file



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDATION AND REDEVELOPMENT DIVISION

For DEQ Use Only
ITS # _____
Site ID # _____
Category Code: _____

NOTICE OF MIGRATION OF CONTAMINATION

(Under the authority of Part 201, Natural Resources and Environmental Protection Act, 1994 Act 451, as amended, (NREPA) and the Rules promulgated thereunder)

An owner or operator of property that is a facility, and/or who is subject to MCL 324.20114, and who has reason to believe that a hazardous substance is emanating from, has emanated from, or is likely to be emanating from the property and migrating beyond the boundaries of the property that he or she owns or operates is required under R 299.5522 and R 299.51017(1) to notify the Michigan Department of Environmental Quality ("DEQ") and affected property owners, unless he or she is exempt from MCL 324.20107a (see MCL 324.20107a(4) for exemptions), or unless he or she has provided the notice required by MCL 324.21309a. Submission of this notice does not fulfill the notification requirements of MCL 324.21309a.

The notice must be provided within 45 days after the owner or operator has reason to believe that hazardous substances have migrated, or are likely to have migrated, to or beyond the boundary of his or her property (see R 299.51017 and R 299.5522 for exceptions). If a person is required to provide additional notice as a result of the changes in R 299.51017 that took effect on December 21, 2002, then that additional notice shall be provided not later than September 21, 2003.

Use of this form is mandatory for the notice required by R 299.51017(1) and may also be used by parties subject to MCL 324.20114 to provide notice required by R 299.5522. This form may also be used to provide notice to affected property owners as required by those rules.

If a person holds a permit for an oil and gas well under Part 615, Supervisor of Wells, of the NREPA and there is a release from the oil and gas exploration or production activities, that person shall give notice to the DEQ and to the owner of the surface rights of the property.

If a person holds an easement and there is a release from the easement holder's activities, that person shall provide notice to the DEQ and to the grantor of the easement, or the grantor's successor in interest, if any.

Completing this notice in no way relieves a person who is subject to MCL 324.20114 from the responsibility to undertake required response activities.

This notice must be sent to the DEQ office that serves the county in which the property is located. A list of DEQ offices is available at www.michigan.gov/bea, or by calling the Remediation and Redevelopment's Lansing office at 517-373-9837. The DEQ will not prepare acknowledgement of receipt of these notices. The sender is responsible for sending the report using a method that provides proof of delivery if such proof is desired. Please label the outside of the envelope "Migration Notice." Additional guidelines for the compliance with the requirements of R 200.51017(1) or R 299.5522 are available at www.michigan.gov/bea.

THIS NOTICE IS PROVIDED PURSUANT TO:
(check both, if applicable)

R 299.5522



R 299.51017



Please provide the following information as completely as possible.

1. Name and location of the property that hazardous substances are emanating from:

2. Status relative to the property:
(Check one or both, as applicable.)

Name: Delphi Saginaw Steering Systems

Address: 1400 Holmes Street

Location: Former Plant 2

City/County: Saginaw/Saginaw

Property Tax Identification Number, or if applicable, the ward and item number: Parcel # 19 2233
00000 and #19 1594 00000

Owner ☒
Operator ☐

Provide any additional ID numbers associated with the property (e.g., EPA ID No., BEA No., Part 213 facility ID No., etc.): EPA ID - MID 990 760 282

3. Name, address, and telephone number of the property owner, operator, or other party submitting the notice:

Name: Mr. Dale Thrush
Address: 3900 Holland Road, M/C 486-390-000 WWTP
City/State: Saginaw, Michigan 48601-9494
Telephone number: (989) 757-4679

4. Name, address and telephone number of a contact person familiar with the content of the notice:

Name: Mr. Dale Thrush
Address: 3900 Holland Road, M/C 486-390-000 WWTP
City/State: Saginaw, Michigan 48601-9494
Telephone: (989) 757-4679

5. If this Notice is provided pursuant to R 299.51017, provide the address and other location information for the adjacent property(s) onto which contamination is migrating, has migrated, or is likely to migrate. If this Notice is provided pursuant to R 299.5522, provide the address and other location information for *each* property onto which contamination has migrated. Notice should be sent to the property owner of record. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (i.e. a prison, state park, etc.). Notices to the Michigan Department of Transportation (MDOT) for state owned roadways should be sent to Ms. Heather Hicks, MDOT-Bureau of Transportation Planning, 425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48989. If it isn't readily apparent what state department manages the property, notices should be sent to Mr. Thomas Saxton, Tenant and Land Services, Department of Management and Budget, 1st Floor Lewis-Cass Building, P.O. Box 30026, Lansing, MI 48909.

Address: Pontiac Centerpoint Campus - Central
2000 Centerpoint Parkway, M/C: 483-520-190
City/State: Pontiac, MI 48341-3147
Property Tax ID number: Parcel#:19 2258 00000 and
#19 2249 00000

Notified? No ☐ Yes ☒ Date: 1/27/05

Other: Owner: REALM, Inc. Property addresses:
3305 Gabriel Rd and 77 W. Center St.

Address: [REDACTED]
City/State: [REDACTED]
Property Tax ID number: [REDACTED]
Other: [REDACTED]

Notified? No ☐ Yes ☐ Date: [REDACTED]

Address: [REDACTED]
City/State: [REDACTED]
Property Tax ID number: [REDACTED]
Other: [REDACTED]

Notified? No ☐ Yes ☐ Date: [REDACTED]

Address: [REDACTED]
City/State: [REDACTED]
Property Tax ID number: [REDACTED]
Other: [REDACTED]

Notified? No ☐ Yes ☐ Date: [REDACTED]

Address: [REDACTED]
City/State: [REDACTED]
Property Tax ID number: [REDACTED]
Other: [REDACTED]

Notified? No ☐ Yes ☐ Date: [REDACTED]

(Attach additional pages as needed)

6. Complete the Table on Page 3 of this Form for each hazardous substance which has migrated, or is likely to have migrated, beyond the property boundary at a concentration that exceeds a Generic Residential Cleanup Criterion developed by the DEQ pursuant to MCL 324.20120a(1). Complete and attach additional copies of Page 3, if necessary, to list all hazardous substances that must be reported. Include a scaled map or drawing that shows the location of sampling points identified on the Table on Page 3, the property boundaries, and the adjacent property owners if providing notice pursuant to R 299.1017(1) or all impacted property owners if providing notice pursuant to Rule 299.5522.

See Attached.

7. Provide a summary of the information which shows that contamination is emanating from, or has emanated from, and is present beyond the boundary of the source property at a concentration which exceeds that allowed by MCL 324.20120a(1)(a). This summary shall identify the environmental media affected, specific hazardous substances, and the concentrations of those hazardous substances in all affected environmental media at the property boundary and in any sample locations beyond the property boundary. The summary shall also describe the basis for the conclusion that the contamination is emanating, has emanated, or is present beyond the boundary of the source property, including whether the conclusion is based on groundwater analytical data or fate and transport modeling, both, or neither.

Enclosed Table 1: Analytical Results for Groundwater Samples – Volatile Organic Compounds and Table 2: Analytical Results for Groundwater Samples – General Water Quality Parameters summarize the groundwater analytical data from which we concluded that the contaminants listed in the attached Form Table (excluding trichloroethylene) have migrated via groundwater across the southeastern boundary to the adjacent REALM property.

8. If the person making this notice has reason to believe that a migrating hazardous substance has affected, or is likely to affect, a private or public water supply, then that water supply must be identified here:

None

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 9. Is this notice being submitted within the timeframes established under R 299.5522 and/or R 299.51017, as applicable? | ☒ | ☐ |
| 10. Is this notice in addition to a notice submitted prior to <i>December 21, 2002</i> ? (R 299.51017(4)(c)) | ☐ | ☒ |
| 11. Is this notice related to an oil and gas well permit (R 299.51017(2))? Permit #: | ☐ | ☒ |
| 12. Is this notice related to an easement (R 299.51017(3))? (NOTE: All easement grantors <i>must</i> receive this notice.) | ☐ | ☒ |
| 13. Has surface water been affected (R 299.51017(1) and R 299.5522(2))? (If yes, please identify the affected surface water body.) | ☒ | ☐ |

Wetland on REALM, Inc. property

CERTIFICATION:

With my signature below, I certify that I am the owner of the facility or that I am legally authorized to execute this notice on behalf of the owner or operator named on this form, and that to the best of my knowledge and belief the above representations are complete and accurate. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature Dale Thrusch
(Owner or person legally authorized to bind the person making this report)

Date 1-27-05

Name (Typed or Printed) Dale Thrusch

Title (Typed or Printed) Sr. Env. Engineer

See Item 6 on Page 2 of this Form for instructions to be used in completing this Table. Attach additional pages if necessary. The information to be included in each column of the Table is:

Column A Name of hazardous substance.

Column B Chemical Abstract Service (CAS) Number for the hazardous substance.

Column C Maximum hazardous substance concentration measured on the property, expressed in parts per billion (e.g., ug/L or ug/Kg). Report maximum concentration separately for each environmental medium.

Column D Sample location for Column C (relate to label on map).

Column E Environmental medium in which concentration reported in Column C was measured (e.g., soil or groundwater).

Column F Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if direction is known or can reasonably be inferred. If direction is unknown, list distance to nearest property boundary.

Column G Direction of contaminant migration, if known.

Column H Concentration closest to property boundary, if known. If a concentration lower than the maximum concentration reported in Column C has been measured at a point closer to the property boundary in the direction of contaminant migration, use Column I to list the concentration that was measured closest to the property boundary in the direction of contaminant migration.

Column I Sample location for Column H (relate to label on map).

Column J Environmental medium for measurement reported in Column H, if applicable.

A Hazardous Substance	B CAS Number	C Maximum Concentration	D Sample Location for "C"	E Environmental Medium for "C"	F Distance to Property Boundary	G Direction of Migration	H Boundary Concentration	I Sample Location for "H"	J Environmental Medium for "H"
Trichloroethylene	79016	176,000	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
cis-1,2-Dichloroethene	156592	192,000	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
Vinyl chloride	75014	19,000	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
un-ionized Ammonia	7664417	180	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
Chloride	16887006	4,100,000	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
Total dissolved solids	NA	7,403,000	MW-04-01D	Groundwater	40 feet	Southwest			Groundwater
1,2,4-Trimethylbenzene	95636	510	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
1,3,5-Trimethylbenzene	108678	510	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
Ethylbenzene	100414	1,860	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
Naphthalene	91203	200	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
o-Xylene	95476	1,460	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
p,m-Xylene	106423/ 108383	4,290	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
Chlorobenzene	108907	230	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
Toluene	108883	530	MW98-111S1	Groundwater	20 feet (offsite)	Southwest			Groundwater
1,2-Dichlorobenzene	95501	60	MW04-118S1	Groundwater	125 feet (offsite)	Southwest			Groundwater

Total Number Samples Collected: 56

Total Number of Samples Exceeding Criteria: 18

A scaled map or drawing showing these locations and the property boundaries must be submitted with this Notice

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-01WT 12/15/2004	MW-04-01D 12/15/2004	MW-04-02WT 12/16/2004	MW-04-02D 12/16/2004	MW-04-03WT 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	100 U	3,000 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	100 U	3,000 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	100 U	3,000 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	100 U	3,000 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	100 U	3,000 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	100 U	3,000 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	500 U	3,000 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	500 U	10,000 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	400	3,000 U	69	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	500 U	10,000 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	100 U	3,000 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	100 U	3,000 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	100 U	3,000 U	18	1 U	1 U
1,3-Dichlorobenzene	38	200	100 U	3,000 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	500 U	10,000 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	100 U	3,000 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	3,000 U	60,000 U	30 U	30 U	30 U
2-Hexanone	NA	ID	5,000 U	100,000 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	500 U	10,000 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	5,000 U	100,000 U	50 U	50 U	50 U
Acetone	1,700	30,000	3,000 U	60,000 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	500 U	10,000 U	5 U	5 U	5 U
Benzene	200	1,800	100 U	3,000 U	4	4	1 U
Bromobenzene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	100 U	3,000 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	100 U	3,000 U	1 U	1 U	1 U
Bromoform	ID	ID	100 U	3,000 U	1 U	1 U	1 U
Bromomethane	35	640	500 U	10,000 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	500 U	10,000 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	100 U	3,000 U	1 U	1 U	1 U
Chlorobenzene	47	850	100 U	3,000 U	1 U	1 U	1 U
Chloroethane	ID	20,000	500 U	10,000 U	5 U	5 U	5 U
Chloroform	170	2,600	100 U	3,000 U	1 U	1 U	1 U
Chloromethane	ID	ID	500 U	10,000 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	100 U	176,000	1	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	100 U	3,000 U	1 U	1 U	1 U
Dibromomethane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	500 U	10,000 U	5 U	5 U	5 U
Diethyl ether	ID	NC	500 U	10,000 U	5 U	5 U	5 U
Ethylbenzene	18	320	900	3,000 U	92	1 U	1 U
Hexachloroethane	6.7	140	500 U	10,000 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	100 U	3,000 U	9	1 U	1 U
Methyl iodide	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Methylene chloride	940	17,000	500 U	10,000 U	5 U	5 U	5 U
Naphthalene	13	200	500 U	10,000 U	15	5 U	5 U
n-Butylbenzene	ID	ID	100 U	3,000 U	3	1 U	1 U
n-Propylbenzene	ID	ID	100 U	3,000 U	12	1 U	1 U
o-Xylene	280	630	600	3,000 U	2	1 U	1 U
p,m-Xylene	280	630	3,600	5,000 U	241	2 U	2 U
p-Isopropyltoluene	ID	ID	100 U	3,000 U	2	1 U	1 U
sec-Butylbenzene	ID	ID	100 U	3,000 U	1	1 U	1 U
Styrene	80	2,900	100 U	3,000 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	100 U	3,000 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	500 U	10,000 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	100 U	3,000 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	10,000 U	300,000 U	100 U	100 U	100 U
Toluene	140	1,700	100 U	3,000 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	100 U	3,000 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Trichloroethene	200	3,500	100 U	176,000	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	100 U	3,000 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	100 U	19,000	2	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater/Surface Water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed GSI criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-03D 12/16/2004	MW-04-04WT 12/16/2004	MW-04-04D 12/16/2004	MW-04-05WT 12/16/2004	MW-04-05D 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	10 U	20 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	10 U	20 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	10 U	20 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	10 U	20 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	10 U	20 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	10 U	20 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	50 U	100 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	10 U	20 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	50 U	100 U
1,2,4-Trimethylbenzene	17	310	1 U	9	2	60	20 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	50 U	100 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	10 U	20 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	10 U	20 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	10 U	20 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	10 U	20 U
1,3,5-Trimethylbenzene	45	810	1 U	4	1 U	20	20 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	10 U	20 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	50 U	100 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	10 U	20 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	300 U	500 U
2-Hexanone	NA	ID	50 U	50 U	50 U	500 U	1,000 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	50 U	100 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	500 U	1,000 U
Acetone	1,700	30,000	30 U	30 U	30 U	300 U	500 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	50 U	100 U
Benzene	200	1,800	1 U	3	1 U	10 U	20 U
Bromobenzene	NC	NC	1 U	1 U	1 U	10 U	20 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	10 U	20 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	10 U	20 U
Bromoform	ID	ID	1 U	1 U	1 U	10 U	20 U
Bromomethane	35	640	5 U	5 U	5 U	50 U	100 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	50 U	100 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	10 U	20 U
Chlorobenzene	47	850	1 U	1 U	1 U	10 U	20 U
Chloroethane	ID	20,000	5 U	5 U	5 U	50 U	100 U
Chloroform	170	2,600	1 U	1 U	1 U	10 U	20 U
Chloromethane	ID	ID	5 U	5 U	5 U	50 U	100 U
cis-1,2-Dichloroethene	620	11,000	50	1	1 U	10 U	2,070
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	10 U	20 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	10 U	20 U
Dibromomethane	NC	NC	1 U	1 U	1 U	10 U	20 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	50 U	100 U
Diethyl ether	ID	NC	5 U	5 U	5 U	50 U	100 U
Ethylbenzene	18	320	1 U	2	1 U	470	40
Hexachloroethane	6.7	140	5 U	5 U	5 U	50 U	100 U
Isopropylbenzene	ID	ID	1 U	1	1 U	10	20 U
Methyl iodide	NC	NC	1 U	1 U	1 U	10 U	20 U
Methylene chloride	940	17,000	5 U	5 U	5 U	50 U	100 U
Naphthalene	13	200	5 U	5 U	5 U	50 U	100 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	10	20 U
o-Xylene	280	630	1 U	6	1 U	200	50
p,m-Xylene	280	630	2 U	5	2 U	840	90
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	10 U	20 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
Styrene	80	2,900	1 U	1 U	1 U	10 U	20 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	10 U	20 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	50 U	100 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	10 U	20 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	1,000 U	2,000 U
Toluene	140	1,700	1 U	2	1 U	10 U	20 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	10 U	20 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	10 U	20 U
Trichloroethene	200	3,500	1 U	1 U	1 U	10 U	20 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	10 U	20 U
Vinyl chloride	15	17,000	112	1	1 U	10 U	2,090

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-06WT 12/15/2004	MW-04-06D 12/16/2004	MW-04-06D Duplicate	MW-04-07WT 12/16/2004	MW-04-07WT Duplicate
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	29	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	3	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	2	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	4	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	3	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells					
	GSI	FAV	MW-04-07D 12/16/2004	MW-04-08WT 12/16/2004	MW-04-08D 12/16/2004	MW-04-09WT 12/15/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	50	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	42	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-04-10WT 12/15/2004	MW-04-10D 12/15/2004	MW-04-11 12/15/2004	MW-142WT 12/16/2004	MW-142D 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1 U	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	117	4	1 U	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	102	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	24	5	1 U	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	MW-97-101WT 12/16/2004	MW-97-102WT 12/15/2004	MW-98-115WT 12/16/2004	PZ-5 12/15/2004	PZ-7 12/16/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	1	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U	1 U	22	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	1 U	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
o-Xylene	280	630	1 U	1 U	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	2 U	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	1 U	26	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U	1 U	23	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells						
	GSI	FAV	PZ-9 12/15/2004	PZ-36 12/16/2004	MW-200S 12/15/2004	MW-200D 12/15/2004	MW-201S 12/15/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	12	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	4	1 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	1 U	1 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U	30 U	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U	50 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U	50 U	50 U	50 U
Acetone	1,700	30,000	30 U	30 U	30 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U	5 U	5 U	5 U
Benzene	200	1,800	1 U	4	1 U	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U	1 U	1 U	1 U
Bromoform	ID	ID	1 U	1 U	1 U	1 U	1 U
Bromomethane	35	640	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	47	850	1 U	1 U	1 U	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U	5 U	5 U	5 U
Chloroform	170	2,600	1 U	1 U	1 U	1 U	1 U
Chloromethane	ID	ID	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1	6	5	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U	1 U	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U	5 U	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	18	320	1 U	19	1 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	ID	ID	1 U	2	1 U	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U	1 U	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U	5 U	5 U	5 U
Naphthalene	13	200	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	ID	ID	1 U	2	1 U	1 U	1 U
o-Xylene	280	630	1 U	10	1 U	1 U	1 U
p,m-Xylene	280	630	2 U	47	2 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
Styrene	80	2,900	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U	1 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U	1 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U	100 U	100 U	100 U
Toluene	140	1,700	1 U	2	1 U	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U	1 U	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U	3	2	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	3	2	2	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Analyte	Onsite Monitoring Wells			
	GSI	FAV	MW-201D 12/15/2004	MW-201D Duplicate
1,1,1,2-Tetrachloroethane	ID	ID	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	5 U
1,2,4-Trimethylbenzene	17	310	6	6
1,2-Dibromo-3-chloropropane	NC	NC	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	1 U
1,3,5-Trimethylbenzene	45	810	2	2
1,3-Dichlorobenzene	38	200	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	5 U
1,4-Dichlorobenzene	13	200	1 U	1 U
2-Butanone (MEK)	2,200	40,000	30 U	30 U
2-Hexanone	NA	ID	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	50 U
Acetone	1,700	30,000	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	5 U
Benzene	200	1,800	1 U	1 U
Bromobenzene	NC	NC	1 U	1 U
Bromochloromethane	NC	ID	1 U	1 U
Bromodichloromethane	ID	NC	1 U	1 U
Bromoform	ID	ID	1 U	1 U
Bromomethane	35	640	5 U	5 U
Carbon disulfide	ID	ID	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	1 U
Chlorobenzene	47	850	1 U	1 U
Chloroethane	ID	20,000	5 U	5 U
Chloroform	170	2,600	1 U	1 U
Chloromethane	ID	ID	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	1 U
Dibromochloromethane	ID	ID	1 U	1 U
Dibromomethane	NC	NC	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	5 U
Diethyl ether	ID	NC	5 U	5 U
Ethylbenzene	18	320	1 U	1 U
Hexachloroethane	6.7	140	5 U	5 U
Isopropylbenzene	ID	ID	1 U	1 U
Methyl iodide	NC	NC	1 U	1 U
Methylene chloride	940	17,000	5 U	5 U
Naphthalene	13	200	5 U	5 U
n-Butylbenzene	ID	ID	1 U	1 U
n-Propylbenzene	ID	ID	1 U	1 U
o-Xylene	280	630	1	1
p,m-Xylene	280	630	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	1 U
sec-Butylbenzene	ID	ID	1 U	1 U
Styrene	80	2,900	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	5 U
Tetrachloroethene	45	2,900	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	100 U
Toluene	140	1,700	1 U	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	1 U
Trichloroethene	200	3,500	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	1 U
Vinyl chloride	15	17,000	1 U	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Offsite Monitoring Wells							
Analyte	GSI	FAV	MW97-104WT	MW97-104S1	TW98-109WT	MW98-109S1	TW98-110WT
			12/17/2004	12/17/2004	12/17/2004	12/17/2004	12/17/2004
1,1,1,2-Tetrachloroethane	ID	ID	1 U	100 U	50 U	1 U	1 U
1,1,1-Trichloroethane	200	1,600	1 U	100 U	50 U	1 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	1 U	100 U	50 U	1 U	1 U
1,1,2-Trichloroethane	330	5,600	1 U	100 U	50 U	1 U	1 U
1,1-Dichloroethane	740	13,000	1 U	100 U	50 U	1 U	1 U
1,1-Dichloroethene	65	2,300	1 U	100 U	50 U	1 U	1 U
1,2,3-Trichlorobenzene	NC	NC	5 U	500 U	300 U	5 U	5 U
1,2,3-Trichloropropane	NC	NC	1 U	100 U	50 U	1 U	1 U
1,2,4-Trichlorobenzene	30	200	5 U	500 U	300 U	5 U	5 U
1,2,4-Trimethylbenzene	17	310	1 U	100 U	50 U	1 U	1 U
1,2-Dibromo-3-chloropropane	NC	NC	5 U	500 U	300 U	5 U	5 U
1,2-Dibromoethane	NC	ID	1 U	100 U	50 U	1 U	1 U
1,2-Dichlorobenzene	16	240	1 U	100 U	50 U	1 U	1 U
1,2-Dichloroethane	360	15,000	1 U	100 U	50 U	1 U	1 U
1,2-Dichloropropane	290	4,000	1 U	100 U	50 U	1 U	1 U
1,3,5-Trimethylbenzene	45	810	1 U	100 U	50 U	1 U	1 U
1,3-Dichlorobenzene	38	200	1 U	100 U	50 U	1 U	1 U
1,4-Dichloro-2-butene	NC	NC	5 U	500 U	300 U	5 U	5 U
1,4-Dichlorobenzene	13	200	3	100 U	50 U	5	1 U
2-Butanone (MEK)	2,200	40,000	30 U	3,000 U	1,000 U	30 U	30 U
2-Hexanone	NA	ID	50 U	5,000 U	3,000 U	50 U	50 U
2-Methylnaphthalene	ID	ID	5 U	500 U	300 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	50 U	5,000 U	3,000 U	50 U	50 U
Acetone	1,700	30,000	30 U	3,000 U	1,000 U	30 U	30 U
Acrylonitrile	4.9	1,200	5 U	500 U	300 U	5 U	5 U
Benzene	200	1,800	5	100 U	50 U	9	1 U
Bromobenzene	NC	NC	1 U	100 U	50 U	1 U	1 U
Bromochloromethane	NC	ID	1 U	100 U	50 U	1 U	1 U
Bromodichloromethane	ID	NC	1 U	100 U	50 U	1 U	1 U
Bromoform	ID	ID	1 U	100 U	50 U	1 U	1 U
Bromomethane	35	640	5 U	500 U	300 U	5 U	5 U
Carbon disulfide	ID	ID	5 U	500 U	300 U	5 U	5 U
Carbon tetrachloride	45	1,600	1 U	100 U	50 U	1 U	1 U
Chlorobenzene	47	850	6	200	90	63	1 U
Chloroethane	ID	20,000	5 U	500 U	300 U	5 U	5 U
Chloroform	170	2,600	1 U	100 U	50 U	1 U	1 U
Chloromethane	ID	ID	5 U	500 U	300 U	5 U	5 U
cis-1,2-Dichloroethene	620	11,000	1 U	2,600	1,760	1	1 U
cis-1,3-Dichloropropene	NC	NC	1 U	100 U	50 U	1 U	1 U
Dibromochloromethane	ID	ID	1 U	100 U	50 U	1 U	1 U
Dibromomethane	NC	NC	1 U	100 U	50 U	1 U	1 U
Dichlorodifluoromethane	NC	ID	5 U	500 U	300 U	5 U	5 U
Diethyl ether	ID	NC	5 U	500 U	300 U	5 U	5 U
Ethylbenzene	18	320	1 U	100 U	50 U	1 U	1 U
Hexachloroethane	6.7	140	5 U	500 U	300 U	5 U	5 U
Isopropylbenzene	ID	ID	5	100 U	50 U	3	1 U
Methyl iodide	NC	NC	1 U	100 U	50 U	1 U	1 U
Methylene chloride	940	17,000	5 U	500 U	300 U	5 U	5 U
Naphthalene	13	200	5 U	500 U	300 U	5 U	5 U
n-Butylbenzene	ID	ID	1 U	100 U	50 U	1 U	1 U
n-Propylbenzene	ID	ID	5	100 U	50 U	3	1 U
o-Xylene	280	630	1 U	100 U	50 U	1 U	1 U
p,m-Xylene	280	630	2 U	200 U	100 U	2 U	2 U
p-Isopropyltoluene	ID	ID	1 U	100 U	50 U	1 U	1 U
sec-Butylbenzene	ID	ID	1	100 U	50 U	1 U	1 U
Styrene	80	2,900	1 U	100 U	50 U	1 U	1 U
tert-Butylbenzene	ID	ID	1 U	100 U	50 U	1 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	5 U	500 U	300 U	5 U	5 U
Tetrachloroethene	45	2,900	1 U	100 U	50 U	1 U	1 U
Tetrahydrofuran	11,000	150,000	100 U	10,000 U	5,000 U	100 U	100 U
Toluene	140	1,700	1 U	100 U	50 U	1	1 U
trans-1,2-Dichloroethene	1,500	28,000	1 U	100 U	50 U	1 U	1 U
trans-1,3-Dichloropropene	NC	NC	1 U	100 U	50 U	1 U	1 U
Trichloroethene	200	3,500	1 U	100 U	50 U	1 U	1 U
Trichlorofluoromethane	NC	NC	1 U	100 U	50 U	1 U	1 U
Vinyl chloride	15	17,000	1 U	2,300	6,880	63	1 U

Concentrations reported in micrograms per liter (ug/L)

U - The analyte was not detected above the indicated reporting limit.

FAV - Final Acute Value, Rule 57 Water Quality Values (MDEQ Table, November 2004)

GSI - Groundwater surface water interface cleanup criteria (MDEQ Part 201, December 2004)

NC - No criterion

ID - Insufficient data to develop criterion

Results that exceed criteria are boxed and bolded.

Results that exceed FAVs are boxed, bolded, and shaded.

Table 1. Analytical Results for Groundwater Samples - Volatile Organic Compounds
Delphi - Plant 2, Saginaw, Michigan
December 2004

Offsite Monitoring Wells							
Analyte	GSI	FAV	MW98-110S1 12/17/2004	MW-98-110S1 Duplicate	TW98-111WT 12/17/2004	MW98-111S1 12/17/2004	MW01-118WT 12/17/2004
1,1,1,2-Tetrachloroethane	ID	ID	100 U	100 U	1 U	30 U	1 U
1,1,1-Trichloroethane	200	1,600	100 U	100 U	1 U	30 U	1 U
1,1,2,2-Tetrachloroethane	78	1,800	100 U	100 U	1 U	30 U	1 U
1,1,2-Trichloroethane	330	5,600	100 U	100 U	1 U	30 U	1 U
1,1-Dichloroethane	740	13,000	100 U	100 U	1 U	30 U	1 U
1,1-Dichloroethene	65	2,300	100 U	100 U	1 U	30 U	1 U
1,2,3-Trichlorobenzene	NC	NC	500 U	500 U	5 U	100 U	5 U
1,2,3-Trichloropropane	NC	NC	100 U	100 U	1 U	30 U	1 U
1,2,4-Trichlorobenzene	30	200	500 U	500 U	5 U	100 U	5 U
1,2,4-Trimethylbenzene	17	310	100 U	100 U	36	510	1 U
1,2-Dibromo-3-chloropropane	NC	NC	500 U	500 U	5 U	100 U	5 U
1,2-Dibromoethane	NC	ID	100 U	100 U	1 U	30 U	1 U
1,2-Dichlorobenzene	16	240	100 U	100 U	1 U	30 U	1 U
1,2-Dichloroethane	360	15,000	100 U	100 U	1 U	30 U	1 U
1,2-Dichloropropane	290	4,000	100 U	100 U	1 U	30 U	1 U
1,3,5-Trimethylbenzene	45	810	100 U	100 U	12	90	1 U
1,3-Dichlorobenzene	38	200	100 U	100 U	1	30 U	1 U
1,4-Dichloro-2-butene	NC	NC	500 U	500 U	5 U	100 U	5 U
1,4-Dichlorobenzene	13	200	100 U	100 U	1 U	30 U	1 U
2-Butanone (MEK)	2,200	40,000	3,000 U	3,000 U	30 U	600 U	30 U
2-Hexanone	NA	ID	5,000 U	5,000 U	50 U	1,000 U	50 U
2-Methylnaphthalene	ID	ID	500 U	500 U	5 U	100 U	5 U
4-Methyl-2-pentanone (MIBK)	ID	ID	5,000 U	5,000 U	50 U	1,000 U	50 U
Acetone	1,700	30,000	3,000 U	3,000 U	30 U	600 U	30 U
Acrylonitrile	4.9	1,200	500 U	500 U	5 U	100 U	5 U
Benzene	200	1,800	100 U	100 U	15	90	2
Bromobenzene	NC	NC	100 U	100 U	1 U	30 U	1 U
Bromochloromethane	NC	ID	100 U	100 U	1 U	30 U	1 U
Bromodichloromethane	ID	NC	100 U	100 U	1 U	30 U	1 U
Bromoform	ID	ID	100 U	100 U	1 U	30 U	1 U
Bromomethane	35	640	500 U	500 U	5 U	100 U	5 U
Carbon disulfide	ID	ID	500 U	500 U	5 U	100 U	5 U
Carbon tetrachloride	45	1,600	100 U	100 U	1 U	30 U	1 U
Chlorobenzene	47	850	100 U	100 U	11	230	43
Chloroethane	ID	20,000	500 U	500 U	5 U	100 U	5 U
Chloroform	170	2,600	100 U	100 U	1 U	30 U	1 U
Chloromethane	ID	ID	500 U	500 U	5 U	100 U	5 U
cis-1,2-Dichloroethene	620	11,000	8,100	7,500	1 U	30 U	4
cis-1,3-Dichloropropene	NC	NC	100 U	100 U	1 U	30 U	1 U
Dibromochloromethane	ID	ID	100 U	100 U	1 U	30 U	1 U
Dibromomethane	NC	NC	100 U	100 U	1 U	30 U	1 U
Dichlorodifluoromethane	NC	ID	500 U	500 U	5 U	100 U	5 U
Diethyl ether	ID	NC	500 U	500 U	5 U	100 U	5 U
Ethylbenzene	18	320	100 U	100 U	51	1,360	2
Hexachloroethane	6.7	140	500 U	500 U	5 U	100 U	5 U
Isopropylbenzene	ID	ID	100 U	100 U	5	60	1 U
Methyl iodide	NC	NC	100 U	100 U	1 U	30 U	1 U
Methylene chloride	940	17,000	500 U	500 U	5 U	100 U	5 U
Naphthalene	13	200	500 U	500 U	13	200	5 U
n-Butylbenzene	ID	ID	100 U	100 U	4	30 U	1 U
n-Propylbenzene	ID	ID	100 U	100 U	6	70	1 U
o-Xylene	280	630	100 U	100 U	52	1,460	1
p,m-Xylene	280	630	200 U	200 U	110	4,290	3
p-Isopropyltoluene	ID	ID	100 U	100 U	2	30 U	1 U
sec-Butylbenzene	ID	ID	100 U	100 U	3	30 U	1 U
Styrene	80	2,900	100 U	100 U	1 U	30 U	1 U
tert-Butylbenzene	ID	ID	100 U	100 U	1 U	30 U	1 U
tert-Methyl butyl ether (MTBE)	730	13,000	500 U	500 U	5 U	100 U	5 U
Tetrachloroethene	45	2,900	100 U	100 U	1 U	30 U	1 U
Tetrahydrofuran	11,000	150,000	10,000 U	10,000 U	100 U	3,000 U	100 U
Toluene	140	1,700	100 U	100 U	3	530	1 U
trans-1,2-Dichloroethene	1,500	28,000	100 U	100 U	1 U	30 U	1 U
trans-1,3-Dichloropropene	NC	NC	100 U	100 U	1 U	30 U	1 U
Trichloroethene	200	3,500	100 U	100 U	1 U	30 U	1 U
Trichlorofluoromethane	NC	NC	100 U	100 U	1 U	30 U	1 U
Vinyl chloride	15	17,000	1,700	1,500	1 U	30 U	27

Concentrations reported in micrograms per liter (ug/L)

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