



FAVERO GEOSCIENCES

June 27, 2008

*1210 South 5th Street
Springfield, IL 62703
Phone 217.522.6714
Fax 217.522.6727
dfavero@ameritech.net*

Ms. Michelle Majack
U.S. Environmental Protection Agency, Region 5
Waste Management Division
77 West Jackson Blvd., DE-9J
Chicago, IL 60604-3590

RE: Supplemental Data Report - June 2008
RCRA Facility Investigation
Performance Based RCRA Corrective Action
Former GM Delco Plant 5, Kokomo, IN
USEPA ID No. IND000806844

Dear Ms. Majack:

Please find enclosed the Supplemental Data Report, June 2008, prepared by ARCADIS for the Former GM Delco Plant 5 (Facility) in Kokomo, Indiana (Report). Two paper copies and one electronic version (CD) of the Supplemental Data Report are enclosed for your use. This Supplemental Data Report has been updated to include the additional soil samples collected at and in the vicinity of AOI 3 to further characterize trichloroethene (TCE) concentrations in soil. Additional groundwater investigation is in progress and another Data Report will be submitted when all the data from the planned additional groundwater investigation are available.

The following discusses the new soil data relative to the determination included in the CA725 Report for the Former GM Delco Plant 5 Facility in Kokomo, Indiana (ENVIRON 2007) that all current human exposures to "contamination" at or from the Facility are under control, which was based on soil data collected prior to 9/1/2007. Subsequent to submittal of the CA725 Report, GM collected an additional 40 soil samples in the vicinity of AOI 3. The TCE concentrations from these additional samples range from non-detect to 4,520 mg/kg. Because the maximum TCE concentration in these additional samples is higher than the previously detected maximum of 1,900 mg/kg (which was used in the CA725 determination), the new data were evaluated to confirm that the conclusions of the CA725 determination have not changed. This evaluation is summarized below.

The risk estimates for routine worker exposure to soil at AOI 3 were recalculated using the methods discussed in the CA725 Report and the maximum detected concentrations except for TCE. For TCE, a 95% upper confidence limit (UCL) on the mean using the nonparametric BCa bootstrap method with 4,000 replications was calculated using the highest detected concentration from any depth among the boring locations within an approximately ½ acre area that encompasses all locations with TCE concentrations higher than the USEPA Region 9 PRG for industrial soil of 61 mg/kg (shown in Appendix C) except locations SB-0634 (120 mg/kg), SB-0641 (64 mg/kg), and SB-0721 (130 mg/kg). These latter locations were not included in the 95% UCL calculations because including them would have lowered the 95% UCL from 735

mg/kg to 598 mg/kg. Because the TCE concentration at each of these three locations is lower than the 95% UCL of 735 mg/kg, the conclusions based on the recalculated risk estimate using the 95% UCL also applies to these locations. The 95% UCL of approximately 735 mg/kg used in these risk estimates is lower than the concentration of 1,900 mg/kg used in the original CA725 determination submitted in 2007.

Field observations (including PID readings) from the most recent sampling event, consistent with those from prior sampling events, indicated that little or no VOC contamination is present in the top 8 feet of soil in this area. Therefore, the estimates of TCE emission from soil to outdoor air were calculated to account for the fact that TCE soil contamination in this area exists from 8 to 20 ft bgs, as was done in the original CA725 determination and as discussed in Appendix B of the CA725 Report.

As shown in Table 10 of the enclosed Supplemental Data Report, the re-calculated cumulative cancer risk and HI for routine worker exposure to soil in AOI 3 are 5×10^{-5} and 1, respectively, which do not exceed USEPA's risk limits of 10^{-4} and 1, respectively. As discussed in the CA725 Report, routine workers were used in the CA725 determination as a conservative surrogate receptor for current receptors at the site, which include trespassers and groundskeepers who have lower exposures. Because the risk estimates for trespassers and groundskeepers would be lower than those shown on Table 2, the new TCE soil data collected at AOI 3 do not alter the conclusions presented in the CA725 Report or the "YE" determination for the CA725.

Please contact me if you would like to discuss this matter further. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "David M. Favero", followed by the word "for" in a smaller, less distinct script.

David M. Favero, P.G.
Project Manager

Enclosure

Supplemental Data Report, RCRA Facility Investigation, General Motors Corporation,
Former GM Delco Plant 5, Kokomo, IN, ARCADIS, June 2008.

Distribution List

IDEM Division of Land Quality (CD)
Howard County Health Department (CD)
Carey Stranahan, City of Kokomo (CD)
Marilyn Dedyne, GM/ENCORE (paper)
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SUPPLEMENTAL DATA REPORT

RCRA Facility Investigation

General Motors Corporation

Former GM Delco Plant 5

Kokomo, Indiana

June 2008

Appendices

Note: Appendix A has been updated to include boring logs completed during Phase IV activities. Appendix B includes only analytical data reports associated with the Phase IV soil investigation activities, and Appendix C is a new Appendix.

- A Soil Boring and Monitoring Well Logs (Provided on CD)
- B Phase IV Analytical Reports (Provided on CD)
- C Selection of Borings for UCL of TCE Concentrations

Supplemental Data Report

This supplemental report presents soil data collected during the following investigations performed at the Site:

- March 1997 – Study 1
- May 1999 – Handex, Subsurface Investigation
- May through June 2001 – Bruce Carter & Associates, Additional Phase II Site Investigation
- September through October 2005 – ARCADIS, RCRA Facility Investigation, Phase I
- January through March 2006 – ARCADIS, RCRA Facility Investigation, Phase II
- October 2006 through March 2007 – ARCADIS, RCRA Facility Investigation, Phase III
- August 2007 through January 2008 – ARCADIS, RCRA Facility Investigation Phase IV (Former North and South Manufacturing Area Soil Investigation (AOI 3))

**Table 1: Soil Screening Summary
Former Delco Plant 5, Kokomo, Indiana**

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Site Specific Background (mg/kg)	Industrial Screening Criteria (mg/kg)	Ratio of Max Detect to Industrial Criteria	Industrial Volatilization to Indoor Air Criteria (mg/kg)	Ratio of Max Detect to Ind Volatilization to Indoor Air Criteria	Migration to Groundwater MCL/EDWL - based Criteria (mg/kg)	Ratio of Max Detect to Migration to Groundwater MCL/EDWL - based Criteria	
AOI 2	VOC	Acetone	67-64-1	ID	6	4	9.00E-03	1.70E-02		5.4E+04	NC	3.1E-07	4.5E+06	3.8E-09	1.3E+04	1.3E-06
AOI 2	VOC	Methylene Chloride	75-09-2	B2	6	5	3.00E-03	6.20E-03		2.1E+02	C	3.0E-05	2.0E+02	3.1E-05	2.0E+00	3.1E-03
AOI 2	VOC	Trichloroethene	79-01-6	C-B2	6	1	7.70E-03	7.70E-03		6.1E+01	C	1.3E-04	4.4E+01	1.7E-04	2.0E+00	3.9E-03
AOI 2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	4	3	2.70E-02	6.60E-02		1.2E+03	C	5.4E-05	1.2E+11	5.7E-13	3.6E+03	1.8E-05
AOI 2	SVOC	Chrysene	218-01-9	B2	3	1	3.50E-02	3.50E-02		2.1E+03	C	1.7E-05	4.9E+07	7.1E-10		
AOI 2	SVOC	Di-n-octylphthalate	117-84-0		3	2	3.10E-02	5.90E-02		2.5E+04	NC	2.4E-06				
AOI 2	INORG	Arsenic	7440-38-2	A	11	11	2.00E+00	7.60E+00	1.25E+01	1.6E+01	C				5.8E+00	
AOI 2	INORG	Barium	7440-39-3	NC	11	11	1.20E+01	1.20E+02	1.32E+02	6.7E+04	NC				1.6E+03	
AOI 2	INORG	Beryllium	7440-41-7	B1	11	6	2.20E-01	7.50E-01		1.9E+03	NC	3.9E-04			6.3E+01	1.2E-02
AOI 2	INORG	Cadmium	7440-43-9	B1	11	11	5.80E-02	6.40E-01		4.5E+02	NC	1.4E-03			7.5E+00	8.5E-02
AOI 2	INORG	Chromium (total)	7440-47-3		11	11	3.80E+00	2.10E+01	1.67E+01	2.5E+03	NC	1.7E-03			4.0E+01	1.1E-01
AOI 2	INORG	Cobalt	7440-48-4	B1	11	11	1.90E+00	1.90E+01	1.09E+01	1.3E+04	NC	6.1E-04			6.6E+02	1.2E-02
AOI 2	INORG	Copper	7440-50-8	D	11	11	8.20E+00	4.50E+01	3.66E+01	4.1E+04	NC	2.1E-04			9.2E+02	9.2E-03
AOI 2	INORG	Cyanide (total)	57-12-5	D	9	1	3.10E-01	3.10E-01		1.2E+04	NC	2.5E-05			8.0E+01	3.9E-03
AOI 2	INORG	Lead	7439-92-1	B2	11	11	3.40E+00	3.00E+01	4.64E+01	8.0E+02	NC				2.7E+02	
AOI 2	INORG	Manganese	7439-96-5	D	11	11	1.60E+02	7.40E+02	5.45E+02	1.9E+04	NC	1.0E-02			1.1E+03	1.7E-01
AOI 2	INORG	Nickel	7440-02-0	A	11	11	5.00E+00	4.70E+01	1.91E+01	2.0E+04	NC	1.4E-03			9.5E+02	2.9E-02
AOI 2	INORG	Selenium	7782-49-2	D	11	1	6.90E-01	6.90E-01		5.1E+03	NC	1.4E-04				
AOI 2	INORG	Vanadium	7440-62-2		11	11	6.10E+00	6.70E+01	3.13E+01	1.0E+03	NC	3.5E-02				
AOI 2	INORG	Zinc	7440-66-6	ID	11	11	1.10E+01	1.50E+02	9.72E+01	3.1E+05	NC	1.7E-04				
AOI 3	VOC	Acetone	67-64-1	ID	138	3	4.60E-02	1.20E-01		5.4E+04	NC	2.2E-06	4.5E+06	2.7E-08	1.3E+04	9.1E-06
AOI 3	VOC	Benzene	71-43-2	A	147	3	1.20E-03	1.60E+00		1.4E+01	C	1.1E-01	9.0E+00	1.8E-01	2.0E+00	8.0E-01
AOI 3	VOC	Carbon Disulfide	75-15-0		147	2	1.20E-02	5.70E-02		1.2E+03	NC	4.7E-05	4.1E+02	1.4E-04	1.5E+03	3.9E-05
AOI 3	VOC	Carbon Tetrachloride	56-23-5	B2	147	9	4.50E-03	2.70E+00		5.5E+00	C	4.9E-01	2.0E+00	1.3E+00	2.0E+00	1.4E+00
AOI 3	VOC	Chloroform	67-66-3	B2	147	17	5.00E-03	3.40E-01		4.7E+00	C	7.2E-02	3.5E+00	9.6E-02	3.2E+01	1.1E-02
AOI 3	VOC	Cumene	98-82-8	D	140	1	2.90E-03	2.90E-03		2.0E+03	NC	1.5E-06	3.7E+03	7.9E-07		
AOI 3	VOC	Cyclohexane	110-82-7	ID	141	1	1.00E-03	1.00E-03		9.4E+03	NC	1.1E-07	4.2E+03	2.4E-07		
AOI 3	VOC	1,1-Dichloroethane	75-34-3	SC	147	8	2.26E-03	1.60E-01		1.7E+03	NC	9.2E-05	9.7E+02	1.6E-04	1.5E+03	1.1E-04
AOI 3	VOC	1,1-Dichloroethene	75-35-4	C	147	11	2.10E-03	1.21E+00		4.1E+02	NC	2.9E-03	1.4E+02	8.8E-03	2.8E+00	4.3E-01
AOI 3	VOC	1,2-Dichloroethene (total)	540-59-0		4	1	2.50E-01	2.50E-01		1.5E+02	NC	1.7E-03	4.8E+00	5.2E-02	1.5E+02	1.7E-03
AOI 3	VOC	cis-1,2-Dichloroethene	156-59-2	ID	143	46	1.10E-03	1.40E+02		1.5E+02	NC	9.6E-01	9.6E+01	1.5E+00	2.8E+01	5.0E+00
AOI 3	VOC	trans-1,2-Dichloroethene	156-60-5		143	23	2.00E-03	5.42E+00		2.3E+02	NC	2.3E-02	8.9E+01	6.1E-02	4.0E+01	1.4E-01
AOI 3	VOC	Ethyl Benzene	100-41-4	D	144	2	7.90E-03	2.10E-02		7.4E+03	NC	2.8E-06	7.0E+03	3.0E-06	2.8E+02	7.5E-05
AOI 3	VOC	4-Methyl-2-pentanone	108-10-1	ID	144	1	2.00E-01	2.00E-01		4.7E+04	NC	4.3E-06	1.9E+05	1.0E-06	1.2E+03	1.7E-04
AOI 3	VOC	Methylcyclohexane	108-87-2		139	2	5.70E-03	4.75E-01		8.7E+03	NC	5.4E-05	1.1E+03	4.3E-04		
AOI 3	VOC	Methylene Chloride	75-09-2	B2	147	16	3.00E-03	2.75E+01		2.1E+02	C	1.3E-01	2.0E+02	1.4E-01	2.0E+00	1.4E+01
AOI 3	VOC	Styrene	100-42-5		145	1	1.00E-01	1.00E-01		1.8E+04	NC	5.5E-06	3.9E+04	2.6E-06	4.0E+01	2.5E-03
AOI 3	VOC	Tetrachloroethene	127-18-4	C-B2	145	10	1.00E-03	5.15E+00		1.3E+01	C	3.9E-01	1.5E+01	3.4E-01	2.0E+00	2.6E+00
AOI 3	VOC	Toluene	108-88-3	ID	145	6	1.20E-03	5.59E-02		2.2E+03	NC	2.5E-05	2.2E+04	2.6E-06	4.0E+02	1.4E-04
AOI 3	VOC	1,1,1-Trichloroethane	71-55-6	ID	147	16	1.90E-03	2.70E+00		6.9E+03	NC	3.9E-04	2.9E+03	9.4E-04	8.0E+01	3.4E-02
AOI 3	VOC	Trichloroethene	79-01-6	C-B2	147	127	7.70E-04	4.52E+03		6.1E+01	C	7.4E+01	4.4E+01	1.0E+02	2.0E+00	2.3E+03
AOI 3	VOC	Trichlorofluoromethane	75-69-4		143	3	5.20E-03	1.14E-02		1.3E+03	NC	8.9E-06	3.5E+02	3.3E-05	4.4E+03	2.6E-06
AOI 3	VOC	Vinyl Chloride	75-01-4	A	147	14	1.30E-03	7.90E+00		7.5E+00	C	1.1E+00	1.6E+00	5.0E+00	8.0E-01	9.9E+00
AOI 3	VOC	Xylenes (total)	1330-20-7	ID	145	6	3.40E-03	6.04E-02		9.0E+02	NC	6.7E-05	8.5E+02	7.1E-05		
AOI 3	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	4	3	3.10E-02	5.60E-02		1.2E+03	C	4.5E-05	1.2E+11	4.8E-13	3.6E+03	1.6E-05
AOI 3	SVOC	Di-n-octylphthalate	117-84-0		3	1	3.10E-02	3.10E-02		2.5E+04	NC	1.3E-06				
AOI 3	SVOC	Fluoranthene	206-44-0	D	4	1	2.60E-02	2.60E-02		2.2E+04	NC	1.2E-06	2.5E+08	1.0E-10		
AOI 3	SVOC	Pyrene	129-00-0	NC	4	1	2.40E-02	2.40E-02		2.9E+04	NC	8.2E-07	2.8E+08	8.6E-11		
AOI 3	INORG	Arsenic	7440-38-2	A	6	6	2.50E+00	1.26E+01	1.25E+01	1.6E+01	C	6.3E-03			5.8E+00	1.7E-02
AOI 3	INORG	Barium	7440-39-3	NC	6	6	1.40E+01	1.49E+02	1.32E+02	6.7E+04	NC	2.6E-04			1.6E+03	1.0E-02
AOI 3	INORG	Beryllium	7440-41-7	B1	6	2	2.20E-01	1.53E+00		1.9E+03	NC	7.9E-04			6.3E+01	2.4E-02
AOI 3	INORG	Cadmium	7440-43-9	B1	6	3	9.50E-02	1.80E-01		4.5E+02	NC	4.0E-04			7.5E+00	2.4E-02
AOI 3	INORG	Chromium (total)	7440-47-3		6	6	4.10E+00	1.59E+01	1.67E+01	2.5E+03	NC				4.0E+01	
AOI 3	INORG	Cobalt	7440-48-4	B1	6	6	2.50E+00	5.99E+00	1.09E+01	1.3E+04	NC				6.6E+02	

**Table 1: Soil Screening Summary
Former Delco Plant 5, Kokomo, Indiana**

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Site Specific Background (mg/kg)	Industrial Screening Criteria (mg/kg)	Ratio of Max Detect to Industrial Criteria	Industrial Volatilization to Indoor Air Criteria (mg/kg)	Ratio of Max Detect to Ind Volatilization to Indoor Air Criteria	Migration to Groundwater MCL/EDWL - based Criteria (mg/kg)	Ratio of Max Detect to Migration to Groundwater MCL/EDWL - based Criteria	
AOI 3	INORG	Copper	7440-50-8	D	6	6	1.00E+01	2.80E+02	3.66E+01	4.1E+04	NC	6.0E-03		9.2E+02	2.7E-01	
AOI 3	INORG	Lead	7439-92-1	B2	9	9	4.30E+00	1.15E+03	4.64E+01	8.0E+02	NC	1.4E+00		2.7E+02	4.1E+00	
AOI 3	INORG	Manganese	7439-96-5	D	6	6	1.61E+02	5.50E+02	5.45E+02	1.9E+04	NC	2.6E-04		1.1E+03	4.4E-03	
AOI 3	INORG	Nickel	7440-02-0	A	6	6	5.80E+00	1.90E+01	1.91E+01	2.0E+04	NC			9.5E+02		
AOI 3	INORG	Thallium	7440-28-0		6	3	2.84E+00	3.50E+00	3.58E+00	6.7E+01	NC					
AOI 3	INORG	Vanadium	7440-62-2		6	6	6.80E+00	3.60E+01	3.13E+01	1.0E+03	NC	4.6E-03				
AOI 3	INORG	Zinc	7440-66-6	ID	6	6	3.00E+01	2.42E+02	9.72E+01	3.1E+05	NC	4.7E-04				
AOI 5	VOC	Acetone	67-64-1	ID	26	3	2.40E-02	2.50E-02		5.4E+04	NC	4.6E-07	4.5E+06	5.6E-09	1.3E+04	1.9E-06
AOI 5	VOC	Benzene	71-43-2	A	42	2	2.80E-03	3.50E-03		1.4E+01	C	2.5E-04	9.0E+00	3.9E-04	2.0E+00	1.8E-03
AOI 5	VOC	Chlorobenzene	108-90-7	D	42	2	1.26E-03	3.60E-02		5.3E+02	NC	6.8E-05	4.7E+02	7.7E-05	4.0E+01	9.0E-04
AOI 5	VOC	1,1-Dichloroethane	75-34-3	SC	42	13	5.00E-03	1.40E-01		1.7E+03	NC	8.1E-05	9.7E+02	1.4E-04	1.5E+03	9.6E-05
AOI 5	VOC	1,1-Dichloroethene	75-35-4	C	42	13	6.00E-03	5.40E-02		4.1E+02	NC	1.3E-04	1.4E+02	3.9E-04	2.8E+00	1.9E-02
AOI 5	VOC	cis-1,2-Dichloroethene	156-59-2	ID	40	26	1.00E-03	2.40E+01		1.5E+02	NC	1.6E-01	9.6E+01	2.5E-01	2.8E+01	8.6E-01
AOI 5	VOC	trans-1,2-Dichloroethene	156-60-5		40	13	6.40E-03	1.70E-01		2.3E+02	NC	7.2E-04	8.9E+01	1.9E-03	4.0E+01	4.3E-03
AOI 5	VOC	Methyl Acetate	79-20-9		26	1	2.40E-01	2.40E-01		9.2E+04	NC	2.6E-06	2.4E+05	9.8E-07	1.5E+04	1.6E-05
AOI 5	VOC	Methylene Chloride	75-09-2	B2	42	22	3.00E-03	3.60E-01		2.1E+02	C	1.8E-03	2.0E+02	1.8E-03	2.0E+00	1.8E-01
AOI 5	VOC	Tetrachloroethene	127-18-4	C-B2	42	1	3.00E-03	3.00E-03		1.3E+01	C	2.3E-04	1.5E+01	2.0E-04	2.0E+00	1.5E-03
AOI 5	VOC	Toluene	108-88-3	ID	42	3	7.60E-04	4.60E-02		2.2E+03	NC	2.1E-05	2.2E+04	2.1E-06	4.0E+02	1.2E-04
AOI 5	VOC	1,1,1-Trichloroethane	71-55-6	ID	42	14	2.90E-03	1.40E-01		6.9E+03	NC	2.0E-05	2.9E+03	4.9E-05	8.0E+01	1.8E-03
AOI 5	VOC	Trichloroethene	79-01-6	C-B2	42	35	9.00E-03	1.50E+02		6.1E+01	C	2.5E+00	4.4E+01	3.4E+00	2.0E+00	7.5E+01
AOI 5	VOC	Trichlorofluoromethane	75-69-4		40	1	2.70E-02	2.70E-02		1.3E+03	NC	2.1E-05	3.5E+02	7.7E-05	4.4E+03	6.2E-06
AOI 5	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		26	3	2.20E-03	1.60E+00		6.9E+04	NC	2.3E-05	1.2E+04	1.4E-04		
AOI 5	VOC	Vinyl Chloride	75-01-4	A	42	13	1.00E-03	1.70E-01		7.5E+00	C	2.3E-02	1.6E+00	1.1E-01	8.0E-01	2.1E-01
AOI 5	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	7	3	2.90E-02	2.30E+00		1.2E+03	C	1.9E-03	1.2E+11	2.0E-11	3.6E+03	6.4E-04
AOI 5	SVOC	Di-n-octylphthalate	117-84-0		7	1	2.40E-01	2.40E-01		2.5E+04	NC	9.7E-06				
AOI 5	PCB	PCBs (total)	1336-36-3	B2	14	6	3.98E-02	2.27E+00		7.4E+00	C	3.0E-01	7.6E+03	3.0E-04	4.9E+01	4.6E-02
AOI 5	INORG	Arsenic	7440-38-2	A	10	7	2.90E-01	9.00E+00	1.25E+01	1.6E+01	C			5.8E+00		
AOI 5	INORG	Barium	7440-39-3	NC	10	10	3.30E+01	1.00E+02	1.32E+02	6.7E+04	NC			1.6E+03		
AOI 5	INORG	Beryllium	7440-41-7	B1	5	3	3.20E-01	4.80E-01		1.9E+03	NC	2.5E-04		6.3E+01	7.6E-03	
AOI 5	INORG	Cadmium	7440-43-9	B1	10	5	9.20E-02	5.70E-01		4.5E+02	NC	1.3E-03		7.5E+00	7.6E-02	
AOI 5	INORG	Chromium (total)	7440-47-3		10	10	4.37E+00	1.50E+01	1.67E+01	2.5E+03	NC			4.0E+01		
AOI 5	INORG	Cobalt	7440-48-4	B1	5	5	3.70E+00	6.30E+00	1.09E+01	1.3E+04	NC			6.6E+02		
AOI 5	INORG	Copper	7440-50-8	D	5	5	1.20E+01	2.50E+01	3.66E+01	4.1E+04	NC			9.2E+02		
AOI 5	INORG	Cyanide (total)	57-12-5	D	6	1	2.30E-01	2.30E-01		1.2E+04	NC	1.9E-05		8.0E+01	2.9E-03	
AOI 5	INORG	Lead	7439-92-1	B2	10	10	2.70E+00	8.98E+01	4.64E+01	8.0E+02	NC	5.4E-02		2.7E+02	1.6E-01	
AOI 5	INORG	Manganese	7439-96-5	D	5	5	2.10E+02	3.40E+02	5.45E+02	1.9E+04	NC			1.1E+03		
AOI 5	INORG	Nickel	7440-02-0	A	5	5	1.20E+01	1.60E+01	1.91E+01	2.0E+04	NC			9.5E+02		
AOI 5	INORG	Vanadium	7440-62-2		5	5	1.10E+01	2.20E+01	3.13E+01	1.0E+03	NC					
AOI 5	INORG	Zinc	7440-66-6	ID	5	5	3.60E+01	7.60E+01	9.72E+01	3.1E+05	NC					
AOI 6	VOC	Acetone	67-64-1	ID	17	4	1.50E-02	7.10E-02		5.4E+04	NC	1.3E-06	4.5E+06	1.6E-08	1.3E+04	5.4E-06
AOI 6	VOC	Benzene	71-43-2	A	37	2	2.00E-03	2.51E-02		1.4E+01	C	1.8E-03	9.0E+00	2.8E-03	2.0E+00	1.3E-02
AOI 6	VOC	2-Butanone	78-93-3	ID	36	2	2.10E-02	2.20E+00		1.1E+05	NC	1.9E-05	6.8E+05	3.2E-06	8.8E+03	2.5E-04
AOI 6	VOC	Carbon Disulfide	75-15-0		37	2	4.90E-03	8.30E-03		1.2E+03	NC	6.9E-06	4.1E+02	2.0E-05	1.5E+03	5.7E-06
AOI 6	VOC	Chloroethane	75-00-3	LC	37	4	2.00E-03	3.03E-01		6.5E+01	C	4.7E-03	8.5E+03	3.6E-05	5.8E+03	5.2E-05
AOI 6	VOC	Chloroform	67-66-3	B2	37	1	2.00E-03	2.00E-03		4.7E+00	C	4.3E-04	3.5E+00	5.6E-04	3.2E+01	6.3E-05
AOI 6	VOC	Chloromethane	74-87-3	D	37	1	2.00E-03	2.00E-03		1.6E+02	NC	1.3E-05	1.4E+02	1.5E-05	3.8E+02	5.3E-06
AOI 6	VOC	2-Chlorotoluene	95-49-8		5	1	7.70E-03	7.70E-03		5.6E+02	NC	1.4E-05		2.9E+02	2.6E-05	
AOI 6	VOC	Cumene	98-82-8	D	27	1	4.07E-02	4.07E-02		2.0E+03	NC	2.1E-05	3.7E+03	1.1E-05		
AOI 6	VOC	Cyclohexane	110-82-7	ID	22	2	2.70E-02	5.15E-02		9.4E+03	NC	5.5E-06	4.2E+03	1.2E-05		
AOI 6	VOC	1,1-Dichloroethane	75-34-3	SC	37	15	2.00E-03	5.60E+00		1.7E+03	NC	3.2E-03	9.7E+02	5.8E-03	1.5E+03	3.8E-03
AOI 6	VOC	1,1-Dichloroethene	75-35-4	C	37	9	1.40E-03	3.60E-01		4.1E+02	NC	8.7E-04	1.4E+02	2.6E-03	2.8E+00	1.3E-01
AOI 6	VOC	1,2-Dichloroethene (total)	540-59-0		10	7	1.00E-03	9.50E-01		1.5E+02	NC	6.5E-03	4.8E+00	2.0E-01	1.5E+02	6.5E-03
AOI 6	VOC	cis-1,2-Dichloroethene	156-59-2	ID	27	13	5.70E-03	7.90E+00		1.5E+02	NC	5.4E-02	9.6E+01	8.3E-02	2.8E+01	2.8E-01
AOI 6	VOC	trans-1,2-Dichloroethene	156-60-5		27	7	2.60E-02	5.30E-01		2.3E+02	NC	2.3E-03	8.9E+01	6.0E-03	4.0E+01	1.3E-02

**Table 1: Soil Screening Summary
Former Delco Plant 5, Kokomo, Indiana**

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Site Specific Background (mg/kg)	Industrial Screening Criteria (mg/kg)	Ratio of Max Detect to Industrial Criteria	Industrial Volatilization to Indoor Air Criteria (mg/kg)	Ratio of Max Detect to Ind Volatilization to Indoor Air Criteria	Migration to Groundwater MCL/EDWL - based Criteria (mg/kg)	Ratio of Max Detect to Migration to Groundwater MCL/EDWL - based Criteria	
AOI 6	VOC	Ethyl Benzene	100-41-4	D	37	2	2.00E-03	3.36E-02		7.4E+03	NC	4.5E-06	7.0E+03	4.8E-06	2.8E+02	1.2E-04
AOI 6	VOC	4-Methyl-2-pentanone	108-10-1	ID	37	1	4.00E-03	4.00E-03		4.7E+04	NC	8.5E-08	1.9E+05	2.1E-08	1.2E+03	3.4E-06
AOI 6	VOC	Methylcyclohexane	108-87-2		22	3	2.30E-03	3.40E-02		8.7E+03	NC	3.9E-06	1.1E+03	3.1E-05		
AOI 6	VOC	Methylene Chloride	75-09-2	B2	37	12	2.00E-03	2.80E-01		2.1E+02	C	1.4E-03	2.0E+02	1.4E-03	2.0E+00	1.4E-01
AOI 6	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	36	1	2.00E-03	2.00E-03		9.3E+00	C	2.2E-04	2.8E+01	7.2E-05	1.3E+00	1.5E-03
AOI 6	VOC	Tetrachloroethene	127-18-4	C-B2	37	19	9.00E-04	2.70E+01		1.3E+01	C	2.1E+00	1.5E+01	1.8E+00	2.0E+00	1.4E+01
AOI 6	VOC	Toluene	108-88-3	ID	37	6	3.00E-03	2.50E+00		2.2E+03	NC	1.1E-03	2.2E+04	1.2E-04	4.0E+02	6.3E-03
AOI 6	VOC	1,1,1-Trichloroethane	71-55-6	ID	37	18	1.60E-03	7.20E+01		6.9E+03	NC	1.0E-02	2.9E+03	2.5E-02	8.0E+01	9.0E-01
AOI 6	VOC	Trichloroethene	79-01-6	C-B2	37	26	1.70E-03	2.70E+02		6.1E+01	C	4.4E+00	4.4E+01	6.1E+00	2.0E+00	1.4E+02
AOI 6	VOC	Vinyl Chloride	75-01-4	A	37	18	1.00E-03	2.00E-01		7.5E+00	C	2.7E-02	1.6E+00	1.3E-01	8.0E-01	2.5E-01
AOI 6	VOC	Xylenes (total)	1330-20-7	ID	37	3	4.00E-03	2.47E-01		9.0E+02	NC	2.7E-04	8.5E+02	2.9E-04		
AOI 6	SVOC	Acenaphthene	83-32-9		16	1	3.90E-02	3.90E-02		2.9E+04	NC	1.3E-06	1.9E+06	2.0E-08		
AOI 6	SVOC	Benzo(a)anthracene	56-55-3	B2	16	3	3.00E-02	2.00E-01		2.1E+01	C	9.5E-03	1.2E+07	1.7E-08		
AOI 6	SVOC	Benzo(a)pyrene	50-32-8	B2	16	3	2.70E-02	2.80E-01		2.1E+00	C	1.3E-01	9.0E+06	3.1E-08		
AOI 6	SVOC	Benzo(b)fluoranthene	205-99-2	B2	16	3	2.90E-02	2.80E-01		2.1E+01	C	1.3E-02	1.4E+06	2.0E-07		
AOI 6	SVOC	Benzo(g,h,i)perylene	191-24-2	D	16	3	2.70E-02	2.20E-01		2.9E+04	NC	7.6E-06	7.4E+11	3.0E-13		
AOI 6	SVOC	Benzo(k)fluoranthene	207-08-9	B2	16	2	1.80E-01	3.80E-01		2.1E+02	C	1.8E-03	1.6E+09	2.3E-10		
AOI 6	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	15	8	3.60E-02	5.20E+00		1.2E+03	C	4.2E-03	1.2E+11	4.5E-11	3.6E+03	1.4E-03
AOI 6	SVOC	Butylbenzylphthalate	85-68-7	C	16	1	7.50E-02	7.50E-02		1.2E+05	NC	6.1E-07	9.5E+09	7.9E-12		
AOI 6	SVOC	Chrysene	218-01-9	B2	16	7	2.30E-02	3.70E-01		2.1E+03	C	1.8E-04	4.9E+07	7.5E-09		
AOI 6	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	16	1	5.90E-02	5.90E-02		2.1E+00	C	2.8E-02	1.1E+08	5.3E-10	1.4E+01	4.2E-03
AOI 6	SVOC	Dibenzofuran	132-64-9	D	16	2	7.30E-02	1.40E-01		1.6E+03	NC	9.0E-05	1.5E+06	9.6E-08	6.1E+01	2.3E-03
AOI 6	SVOC	Di-n-butylphthalate	84-74-2	D	16	2	1.20E-01	1.40E-01		6.2E+04	NC	2.3E-06				
AOI 6	SVOC	Di-n-octylphthalate	117-84-0		16	6	5.90E-02	2.70E+00		2.5E+04	NC	1.1E-04				
AOI 6	SVOC	Fluoranthene	206-44-0	D	15	2	1.50E-01	2.30E-01		2.2E+04	NC	1.0E-05	2.5E+08	9.2E-10		
AOI 6	SVOC	Fluorene	86-73-7	D	15	1	7.80E-02	7.80E-02		2.6E+04	NC	3.0E-06	6.1E+06	1.3E-08		
AOI 6	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	15	2	8.80E-02	1.60E-01		2.1E+01	C	7.6E-03	3.2E+08	5.0E-10		
AOI 6	SVOC	Phenanthrene	85-01-8	D	15	3	3.40E-02	1.40E-01		2.9E+04	NC	4.8E-06	1.4E+07	1.0E-08		
AOI 6	SVOC	Phenol	108-95-2	ID	12	1	4.20E+00	4.20E+00		1.8E+05	NC	2.3E-05			4.4E+03	9.6E-04
AOI 6	SVOC	Pyrene	129-00-0	NC	15	4	3.20E-02	3.10E-01		2.9E+04	NC	1.1E-05	2.8E+08	1.1E-09		
AOI 6	PDIST	Extended Range Organics	TPHERO		2	2	1.20E+02	3.00E+03								
AOI 6	PDIST	Gasoline Range Organics	GRO		2	2	1.90E+00	2.60E+00								
AOI 6	PCB	PCBs (total)	1336-36-3	B2	30	2	2.10E-01	1.97E+00		7.4E+00	C	2.6E-01	7.6E+03	2.6E-04	4.9E+01	4.0E-02
AOI 6	INORG	Arsenic	7440-38-2	A	15	11	1.40E+00	8.90E+00	1.25E+01	1.6E+01	C				5.8E+00	
AOI 6	INORG	Barium	7440-39-3	NC	15	15	2.41E+01	1.06E+02	1.32E+02	6.7E+04	NC				1.6E+03	
AOI 6	INORG	Beryllium	7440-41-7	B1	10	3	2.00E-01	8.53E-01		1.9E+03	NC	4.4E-04			6.3E+01	1.3E-02
AOI 6	INORG	Cadmium	7440-43-9	B1	15	7	2.20E-01	1.30E+01		4.5E+02	NC	2.9E-02			7.5E+00	1.7E+00
AOI 6	INORG	Chromium (total)	7440-47-3		22	22	5.24E+00	4.91E+01	1.67E+01	2.5E+03	NC	1.3E-02			4.0E+01	8.1E-01
AOI 6	INORG	Cobalt	7440-48-4	B1	10	10	4.20E+00	7.19E+00	1.09E+01	1.3E+04	NC				6.6E+02	
AOI 6	INORG	Copper	7440-50-8	D	10	10	1.30E+01	3.50E+01	3.66E+01	4.1E+04	NC				9.2E+02	
AOI 6	INORG	Cyanide (total)	57-12-5	D	15	10	2.40E-01	5.50E+01		1.2E+04	NC	4.5E-03			8.0E+01	6.9E-01
AOI 6	INORG	Lead	7439-92-1	B2	21	21	4.07E+00	4.35E+02	4.64E+01	8.0E+02	NC	4.9E-01			2.7E+02	1.4E+00
AOI 6	INORG	Manganese	7439-96-5	D	10	10	1.97E+01	5.80E+02	5.45E+02	1.9E+04	NC	1.8E-03			1.1E+03	3.1E-02
AOI 6	INORG	Mercury	7439-97-6	D	15	1	3.10E-01	3.10E-01		1.4E+01	NC	2.3E-02	2.7E+03	1.2E-04	4.0E+01	7.7E-03
AOI 6	INORG	Nickel	7440-02-0	A	10	10	1.20E+01	3.10E+01	1.91E+01	2.0E+04	NC	5.8E-04			9.5E+02	1.3E-02
AOI 6	INORG	Thallium	7440-28-0		10	2	2.74E+00	2.92E+00	3.58E+00	6.7E+01	NC					
AOI 6	INORG	Vanadium	7440-62-2		10	10	9.80E+00	3.17E+01	3.13E+01	1.0E+03	NC	3.9E-04				
AOI 6	INORG	Zinc	7440-66-6	ID	10	10	3.20E+01	9.70E+01	9.72E+01	3.1E+05	NC					
AOI 7	VOC	Acetone	67-64-1	ID	19	1	4.70E-03	4.70E-03		5.4E+04	NC	8.7E-08	4.5E+06	1.0E-09	1.3E+04	3.6E-07
AOI 7	VOC	Chloroform	67-66-3	B2	41	7	1.10E-03	5.50E-03		4.7E+00	C	1.2E-03	3.5E+00	1.6E-03	3.2E+01	1.7E-04
AOI 7	VOC	Cumene	98-82-8	D	39	3	1.30E-03	2.00E-03		2.0E+03	NC	1.0E-06	3.7E+03	5.5E-07		
AOI 7	VOC	1,1-Dichloroethane	75-34-3	SC	41	1	7.50E-03	7.50E-03		1.7E+03	NC	4.3E-06	9.7E+02	7.7E-06	1.5E+03	5.1E-06
AOI 7	VOC	1,1-Dichloroethene	75-35-4	C	41	1	3.60E-02	3.60E-02		4.1E+02	NC	8.7E-05	1.4E+02	2.6E-04	2.8E+00	1.3E-02
AOI 7	VOC	cis-1,2-Dichloroethene	156-59-2	ID	41	13	2.90E-03	4.10E+01		1.5E+02	NC	2.8E-01	9.6E+01	4.3E-01	2.8E+01	1.5E+00

**Table 1: Soil Screening Summary
Former Delco Plant 5, Kokomo, Indiana**

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Site Specific Background (mg/kg)	Industrial Screening Criteria (mg/kg)	Ratio of Max Detect to Industrial Criteria	Industrial Volatilization to Indoor Air Criteria (mg/kg)	Ratio of Max Detect to Ind Volatilization to Indoor Air Criteria	Migration to Groundwater MCL/EDWL - based Criteria (mg/kg)	Ratio of Max Detect to Migration to Groundwater MCL/EDWL - based Criteria	
AOI 7	VOC	trans-1,2-Dichloroethene	156-60-5		41	6	3.20E-03	1.50E-01		2.3E+02	NC	6.4E-04	8.9E+01	1.7E-03	4.0E+01	3.8E-03
AOI 7	VOC	Ethyl Benzene	100-41-4	D	41	5	1.80E-03	2.30E-02		7.4E+03	NC	3.1E-06	7.0E+03	3.3E-06	2.8E+02	8.2E-05
AOI 7	VOC	Methylcyclohexane	108-87-2		39	2	1.70E-03	2.50E-03		8.7E+03	NC	2.9E-07	1.1E+03	2.3E-06		
AOI 7	VOC	Methylene Chloride	75-09-2	B2	41	1	3.90E-01	3.90E-01		2.1E+02	C	1.9E-03	2.0E+02	1.9E-03	2.0E+00	2.0E-01
AOI 7	VOC	Tetrachloroethene	127-18-4	C-B2	40	2	2.80E-03	3.70E-03		1.3E+01	C	2.8E-04	1.5E+01	2.4E-04	2.0E+00	1.9E-03
AOI 7	VOC	Toluene	108-88-3	ID	40	5	2.10E-03	4.00E-03		2.2E+03	NC	1.8E-06	2.2E+04	1.8E-07	4.0E+02	1.0E-05
AOI 7	VOC	1,1,1-Trichloroethane	71-55-6	ID	41	4	1.20E-03	5.50E-03		6.9E+03	NC	7.9E-07	2.9E+03	1.9E-06	8.0E+01	6.9E-05
AOI 7	VOC	Trichloroethene	79-01-6	C-B2	41	18	1.20E-02	8.30E+01		6.1E+01	C	1.4E+00	4.4E+01	1.9E+00	2.0E+00	4.2E+01
AOI 7	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		39	3	2.50E-03	2.90E-02		6.9E+04	NC	4.2E-07	1.2E+04	2.5E-06		
AOI 7	VOC	Vinyl Chloride	75-01-4	A	41	5	4.90E-03	6.60E-01		7.5E+00	C	8.8E-02	1.6E+00	4.2E-01	8.0E-01	8.3E-01
AOI 7	VOC	Xylenes (total)	1330-20-7	ID	41	6	3.60E-03	6.90E-02		9.0E+02	NC	7.7E-05	8.5E+02	8.1E-05		
AOI 7	SVOC	2-Methylnaphthalene	91-57-6	ID	4	1	6.60E-01	6.60E-01		1.9E+02	NC	3.5E-03	4.6E+03	1.4E-04	2.9E+02	2.3E-03
AOI 7	SVOC	Phenanthrene	85-01-8	D	4	1	4.70E+00	4.70E+00		2.9E+04	NC	1.6E-04	1.4E+07	3.4E-07		
AOI 7	PDIST	Extended Range Organics	TPHERO		1	1	1.40E+04	1.40E+04								
AOI 7	PDIST	Gasoline Range Organics	GRO		1	1	1.80E+00	1.80E+00								
AOI 7	INORG	Arsenic	7440-38-2	A	4	4	4.73E+00	1.50E+01	1.25E+01	1.6E+01	C	1.6E-01			5.8E+00	4.3E-01
AOI 7	INORG	Barium	7440-39-3	NC	4	4	3.87E+01	7.33E+01	1.32E+02	6.7E+04	NC				1.6E+03	
AOI 7	INORG	Beryllium	7440-41-7	B1	4	3	2.99E-01	3.69E-01		1.9E+03	NC	1.9E-04			6.3E+01	5.8E-03
AOI 7	INORG	Chromium (total)	7440-47-3		4	4	7.69E+00	1.86E+01	1.67E+01	2.5E+03	NC	7.5E-04			4.0E+01	4.8E-02
AOI 7	INORG	Cobalt	7440-48-4	B1	4	4	3.92E+00	6.62E+00	1.09E+01	1.3E+04	NC				6.6E+02	
AOI 7	INORG	Copper	7440-50-8	D	4	4	1.23E+01	1.83E+01	3.66E+01	4.1E+04	NC				9.2E+02	
AOI 7	INORG	Lead	7439-92-1	B2	4	4	4.29E+00	1.68E+01	4.64E+01	8.0E+02	NC				2.7E+02	
AOI 7	INORG	Manganese	7439-96-5	D	4	4	2.41E+02	3.73E+02	5.45E+02	1.9E+04	NC				1.1E+03	
AOI 7	INORG	Nickel	7440-02-0	A	4	4	1.09E+01	1.80E+01	1.91E+01	2.0E+04	NC				9.5E+02	
AOI 7	INORG	Vanadium	7440-62-2		4	4	1.25E+01	2.47E+01	3.13E+01	1.0E+03	NC					
AOI 7	INORG	Zinc	7440-66-6	ID	4	4	2.39E+01	4.35E+01	9.72E+01	3.1E+05	NC					
Background	INORG	Arsenic	7440-38-2	A	16	15	3.41E+00	1.51E+01	1.25E+01	1.6E+01	C	1.6E-01			5.8E+00	4.5E-01
Background	INORG	Barium	7440-39-3	NC	16	16	2.10E+01	3.78E+02	1.32E+02	6.7E+04	NC	3.7E-03			1.6E+03	1.5E-01
Background	INORG	Beryllium	7440-41-7	B1	16	4	4.39E-01	1.14E+00		1.9E+03	NC	5.9E-04			6.3E+01	1.8E-02
Background	INORG	Chromium (total)	7440-47-3		16	16	6.12E+00	1.85E+01	1.67E+01	2.5E+03	NC	7.1E-04			4.0E+01	4.5E-02
Background	INORG	Cobalt	7440-48-4	B1	16	16	3.04E+00	1.52E+01	1.09E+01	1.3E+04	NC	3.2E-04			6.6E+02	6.5E-03
Background	INORG	Copper	7440-50-8	D	16	16	9.19E+00	4.61E+02	3.66E+01	4.1E+04	NC	1.0E-02			9.2E+02	4.6E-01
Background	INORG	Lead	7439-92-1	B2	16	16	5.90E+00	2.38E+02	4.64E+01	8.0E+02	NC	2.4E-01			2.7E+02	7.1E-01
Background	INORG	Manganese	7439-96-5	D	16	16	1.13E+02	6.10E+02	5.45E+02	1.9E+04	NC	3.3E-03			1.1E+03	5.7E-02
Background	INORG	Mercury	7439-97-6	D	16	1	1.33E+00	1.33E+00		1.4E+01	NC	9.7E-02	2.7E+03	5.0E-04	4.0E+01	3.3E-02
Background	INORG	Nickel	7440-02-0	A	16	16	9.85E+00	2.15E+01	1.91E+01	2.0E+04	NC	1.2E-04			9.5E+02	2.5E-03
Background	INORG	Thallium	7440-28-0		16	14	2.18E+00	4.63E+00	3.58E+00	6.7E+01	NC	1.6E-02				
Background	INORG	Vanadium	7440-62-2		16	16	1.34E+01	3.84E+01	3.13E+01	1.0E+03	NC	6.9E-03				
Background	INORG	Zinc	7440-66-6	ID	16	16	2.84E+01	2.31E+02	9.72E+01	3.1E+05	NC	4.4E-04				
Upgradient	INORG	Arsenic	7440-38-2	A	3	2	2.63E+00	1.10E+01	1.25E+01	1.6E+01	C				5.8E+00	
Upgradient	INORG	Barium	7440-39-3	NC	3	3	1.50E+01	1.68E+02	1.32E+02	6.7E+04	NC	5.4E-04			1.6E+03	2.2E-02
Upgradient	INORG	Chromium (total)	7440-47-3		3	3	5.65E+00	1.55E+01	1.67E+01	2.5E+03	NC				4.0E+01	
Upgradient	INORG	Cobalt	7440-48-4	B1	3	3	2.03E+00	1.14E+01	1.09E+01	1.3E+04	NC	3.8E-05			6.6E+02	7.6E-04
Upgradient	INORG	Copper	7440-50-8	D	3	3	1.52E+01	4.15E+01	3.66E+01	4.1E+04	NC	1.2E-04			9.2E+02	5.4E-03
Upgradient	INORG	Lead	7439-92-1	B2	3	3	1.43E+01	4.52E+01	4.64E+01	8.0E+02	NC				2.7E+02	
Upgradient	INORG	Manganese	7439-96-5	D	3	3	1.93E+02	6.38E+02	5.45E+02	1.9E+04	NC	4.8E-03			1.1E+03	8.1E-02
Upgradient	INORG	Nickel	7440-02-0	A	3	3	7.70E+00	1.97E+01	1.91E+01	2.0E+04	NC	2.9E-05			9.5E+02	6.3E-04
Upgradient	INORG	Thallium	7440-28-0		3	2	3.19E+00	3.62E+00	3.58E+00	6.7E+01	NC	5.9E-04				
Upgradient	INORG	Vanadium	7440-62-2		3	3	1.57E+01	2.36E+01	3.13E+01	1.0E+03	NC					
Upgradient	INORG	Zinc	7440-66-6	ID	3	3	2.79E+01	1.00E+02	9.72E+01	3.1E+05	NC	9.1E-06				
Off-Site West	INORG	Arsenic	7440-38-2	A	3	3	6.40E+00	8.68E+00	1.25E+01	1.6E+01	C				5.8E+00	
Off-Site West	INORG	Barium	7440-39-3	NC	3	3	7.85E+01	9.89E+01	1.32E+02	6.7E+04	NC				1.6E+03	
Off-Site West	INORG	Chromium (total)	7440-47-3		3	3	1.07E+01	1.45E+01	1.67E+01	2.5E+03	NC				4.0E+01	
Off-Site West	INORG	Cobalt	7440-48-4	B1	3	3	4.87E+00	7.01E+00	1.09E+01	1.3E+04	NC				6.6E+02	

**Table 1: Soil Screening Summary
Former Delco Plant 5, Kokomo, Indiana**

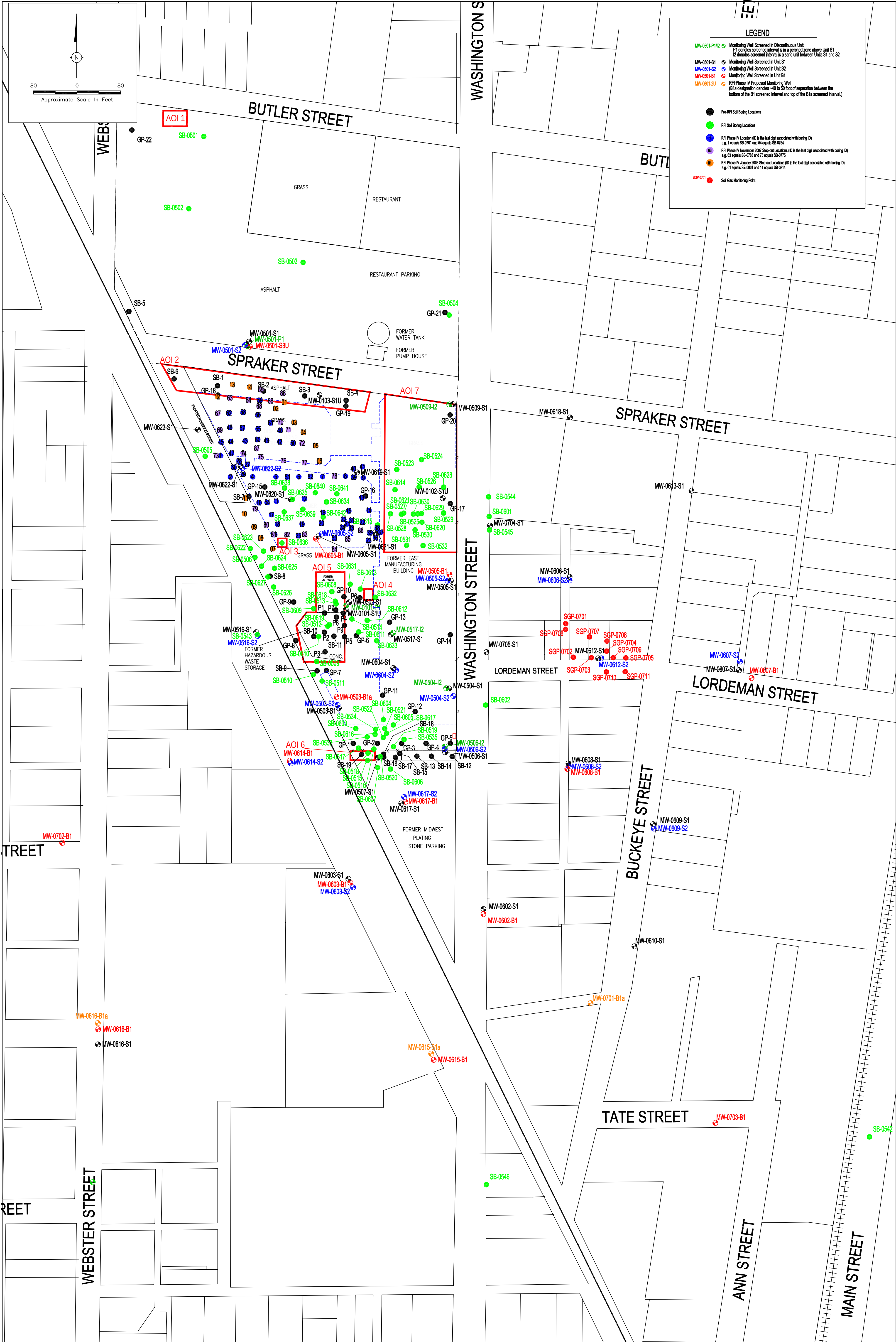
Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Site Specific Background (mg/kg)	Industrial Screening Criteria (mg/kg)	Ratio of Max Detect to Industrial Criteria	Industrial Volatilization to Indoor Air Criteria (mg/kg)	Ratio of Max Detect to Ind Volatilization to Indoor Air Criteria	Migration to Groundwater MCL/EDWL - based Criteria (mg/kg)	Ratio of Max Detect to Migration to Groundwater MCL/EDWL - based Criteria
Off-Site West	INORG	Copper	7440-50-8	D	3	3	1.53E+01	5.33E+01	3.66E+01	4.1E+04	NC	4.1E-04		9.2E+02	1.8E-02
Off-Site West	INORG	Lead	7439-92-1	B2	3	3	5.71E+00	6.91E+01	4.64E+01	8.0E+02	NC	2.8E-02		2.7E+02	8.4E-02
Off-Site West	INORG	Manganese	7439-96-5	D	3	3	2.04E+02	6.25E+02	5.45E+02	1.9E+04	NC	4.1E-03		1.1E+03	7.0E-02
Off-Site West	INORG	Nickel	7440-02-0	A	3	3	1.25E+01	1.58E+01	1.91E+01	2.0E+04	NC			9.5E+02	
Off-Site West	INORG	Vanadium	7440-62-2		3	3	1.83E+01	2.43E+01	3.13E+01	1.0E+03	NC				
Off-Site West	INORG	Zinc	7440-66-6	ID	3	3	3.78E+01	1.29E+02	9.72E+01	3.1E+05	NC	1.0E-04			
Notes:															
Only detected constituents are shown in each area.															
Ratios are calculated using site-related concentrations, which are those in excess of site-specific background for inorganics.															
Ratios of site-related concentrations to criteria greater than 1 are shaded in bold.															
The Industrial Screening Criteria are the 2004 USEPA Region 9 Industrial PRGs at a cancer risk of 1E-5 or a hazard quotient of 1. If a criterion is not available, no value is shown.															
The criteria presented are the lower of the criteria at either the target cancer risk of 1E-5 or target hazard quotient of 1.															
The PCBs (total) concentration is the sum of the detected Aroclor concentrations and ½ SQL of Aroclors not detected in the sample but detected in other samples of the same medium.															
The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the criteria for Xylenes (total).															
The criteria for Chromium (total) are the USEPA Region 9 PRGs for Chromium VI.															
The criteria for Mercury are the USEPA Region 9 PRGs and are calculated by ENVIRON to account for the vapor inhalation pathway using USEPA Region 9 equations, RfC from IRIS, and chemical properties from USEPA's Soil Screening Guidance.															
The criteria for 2-Methylnaphthalene are USEPA Region 9 PRGs for Naphthalene.															
The criteria for PCBs (total) are the USEPA Region 9 PRGs, which are based on PCBs (total) for cancer effects and Aroclor 1254 for noncancer effects.															
The criteria for Phenanthrene are the USEPA Region 9 PRGs for Pyrene.															
The criteria for Trichloroethene are derived using the toxicity values presented in the USEPA Region 9 PRGs (2000) and an ingestion rate adjusted to be consistent with the 2004 USEPA Region 9 PRG calculations.															
Chem Group - chemical group															
Carc Class - USEPA Weight-of-Evidence Cancer Classification															
C - The criterion is based on cancer risk at a target cancer risk of 1E-5.															
NC - The criterion is based on noncancer effects at a target hazard quotient of 1.															

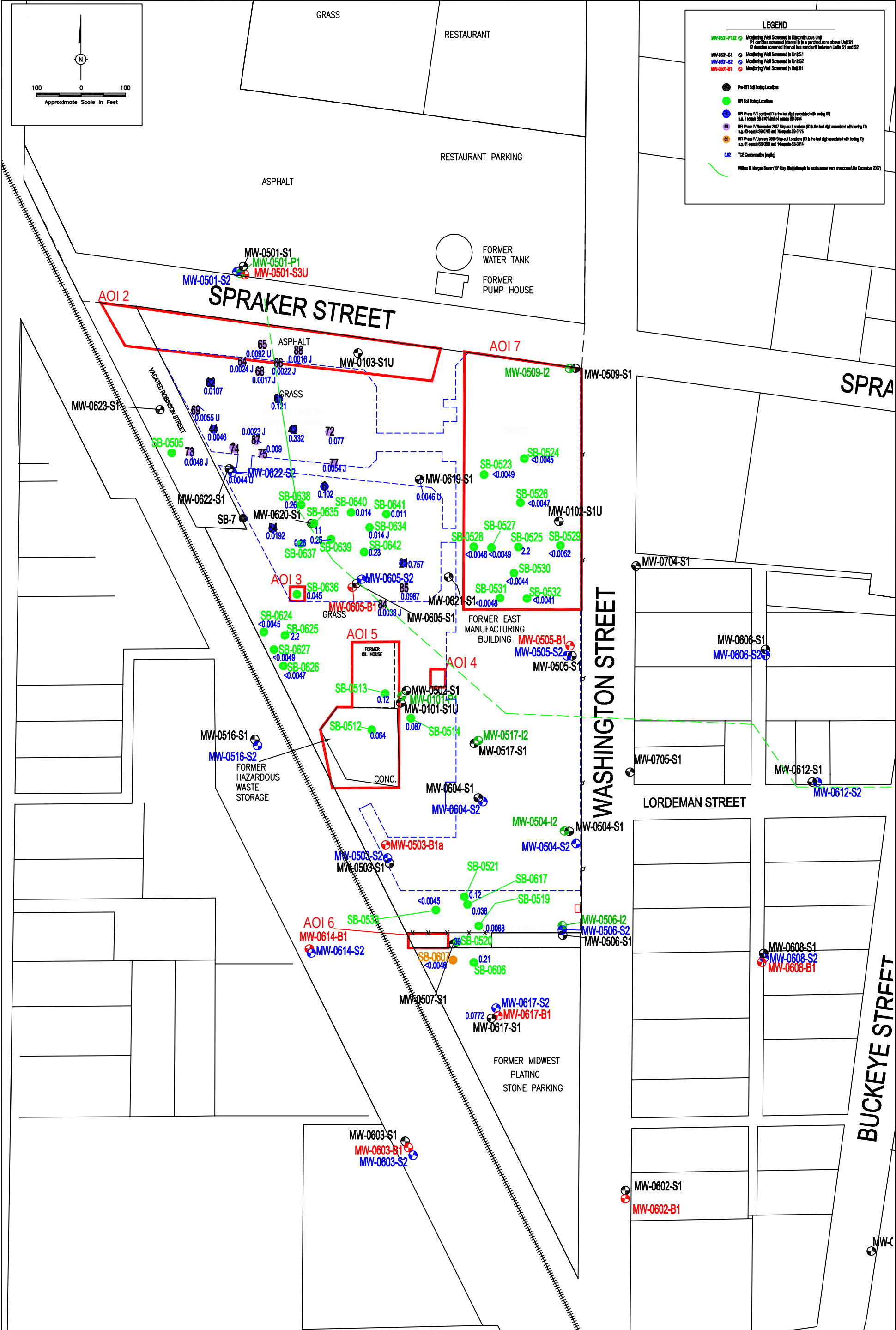
**Table 10: High-End Estimates of Cumulative Cancer Risk and Hazard Index
for Routine Worker Outdoor Exposure to Soil at AOI 3
Former Delco Plant 5, Kokomo, Indiana**

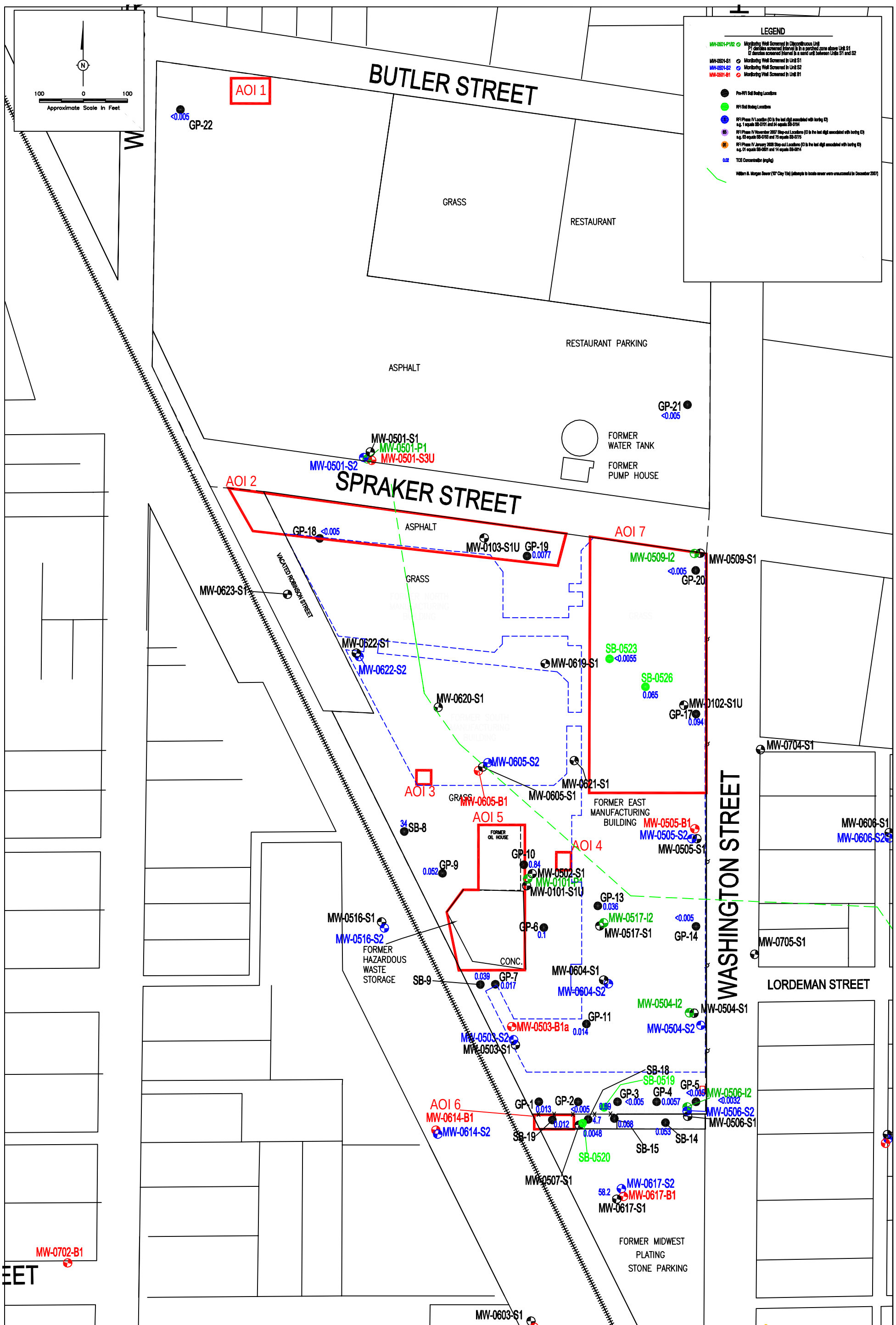
Chem Group	Chemical	CASRN	Soil Conc (mg/kg)	Background Conc (mg/kg)	Cancer Risk	HQ
VOC	Acetone	67-64-1	1.20E-01			3E-07
VOC	Benzene	71-43-2	1.60E+00		1E-06	1E-02
VOC	Carbon Disulfide	75-15-0	5.70E-02			5E-05
VOC	Carbon Tetrachloride	56-23-5	2.70E+00		5E-06	7E-03
VOC	Chloroform	67-66-3	3.40E-01		7E-07	2E-03
VOC	Cumene	98-82-8	2.90E-03			7E-07
VOC	Cyclohexane	110-82-7	1.00E-03			7E-08
VOC	1,1-Dichloroethane	75-34-3	1.60E-01			9E-05
VOC	1,1-Dichloroethene	75-35-4	1.21E+00			3E-03
VOC	1,2-Dichloroethene (total)	540-59-0	2.50E-01			1E-05
VOC	cis-1,2-Dichloroethene	156-59-2	1.40E+02			9E-01
VOC	trans-1,2-Dichloroethene	156-60-5	5.42E+00			3E-02
VOC	Ethyl Benzene	100-41-4	2.10E-02			3E-06
VOC	4-Methyl-2-pentanone	108-10-1	2.00E-01			4E-06
VOC	Methylcyclohexane	108-87-2	4.75E-01			1E-04
VOC	Methylene Chloride	75-09-2	2.75E+01		1E-06	7E-03
VOC	Styrene	100-42-5	1.00E-01			5E-06
VOC	Tetrachloroethene	127-18-4	5.15E+00		1E-06	4E-03
VOC	Toluene	108-88-3	5.59E-02			2E-06
VOC	1,1,1-Trichloroethane	71-55-6	2.70E+00			4E-04
VOC	Trichloroethene	79-01-6	7.35E+02		2E-05	4E-01
VOC	Trichlorofluoromethane	75-69-4	1.14E-02			1E-05
VOC	Vinyl Chloride	75-01-4	7.90E+00		2E-05	6E-02
VOC	Xylenes (total)	1330-20-7	6.04E-02			6E-05
SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	5.60E-02		3E-10	3E-06
SVOC	Di-n-octylphthalate	117-84-0	3.10E-02			9E-07
SVOC	Fluoranthene	206-44-0	2.60E-02			9E-07
SVOC	Pyrene	129-00-0	2.40E-02			1E-06
INORG	Arsenic	7440-38-2	1.26E+01	1.25E+01	4E-08	2E-04
INORG	Barium	7440-39-3	1.49E+02	1.32E+02		4E-05
INORG	Beryllium	7440-41-7	1.53E+00		4E-10	4E-04
INORG	Cadmium	7440-43-9	1.80E-01		4E-11	1E-04
INORG	Chromium (total)	7440-47-3	1.59E+01	1.67E+01		
INORG	Cobalt	7440-48-4	5.99E+00	1.09E+01		
INORG	Copper	7440-50-8	2.80E+02	3.66E+01		3E-03
INORG	Lead	7439-92-1	1.15E+03	4.64E+01		
INORG	Manganese	7439-96-5	5.50E+02	5.45E+02		5E-05
INORG	Nickel	7440-02-0	1.90E+01	1.91E+01		
INORG	Thallium	7440-28-0	3.50E+00	3.58E+00		
INORG	Vanadium	7440-62-2	3.60E+01	3.13E+01		
INORG	Zinc	7440-66-6	2.42E+02	9.72E+01		
				Sum:	5E-05	1E+00

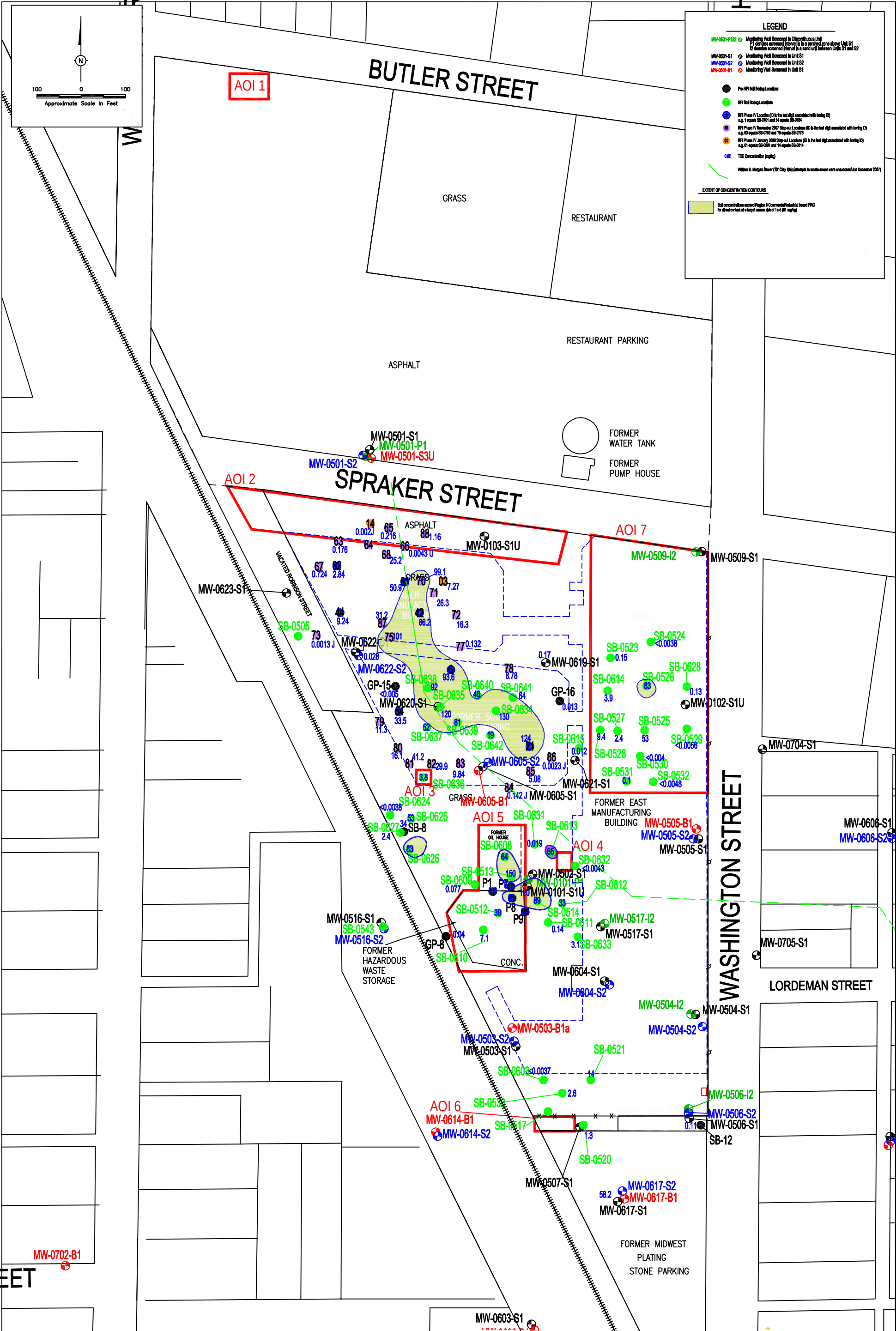
Notes:

1. Only detected constituents are shown.
2. Soil concentrations are the maximum detected concentration in surface or subsurface soil at AOI 3, with the exception of the TCE concentration, which is the 95% upper confidence limit of the maximum concentrations from each boring within a 1/2 acre area encompassing the exceedances of the industrial screening criteria in the deepest soil in AOI 3.
3. Cancer and non-cancer risk estimates are based on the maximum detected site-related concentration in AOI 3 for all chemicals except TCE, whose risk estimates are based on the 95% UCL as discussed in note 2.
4. The cancer risk and HQ inhalation calculations for TCE includes 8 feet of non-TCE containing soil overlying soil at the 95% UCL concentration.
5. The cancer risk and HQ inhalation calculations for all other constituents assume the maximum concentrations occur at all depths.









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	S. GLENN
	Project Director
	J. COSGROVE
	Task Manager
	M. FISHERKELLER
	Technical Review
	S. FISHER



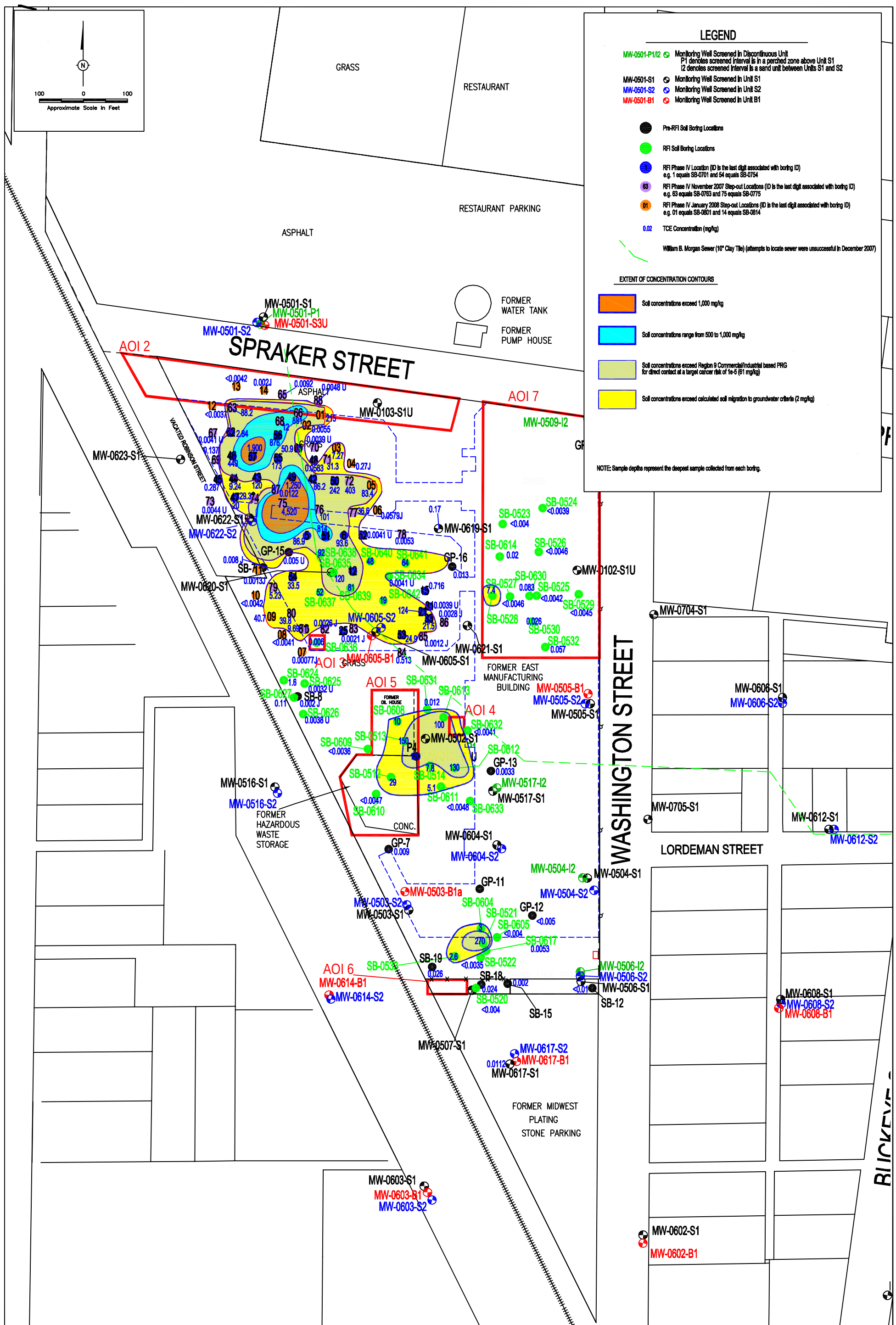
251 East Ohio Street
Suite 800
Indianapolis, Indiana 46204
Tel: 317.231.6500 Fax: 317.231.6514
www.arcadis-us.com

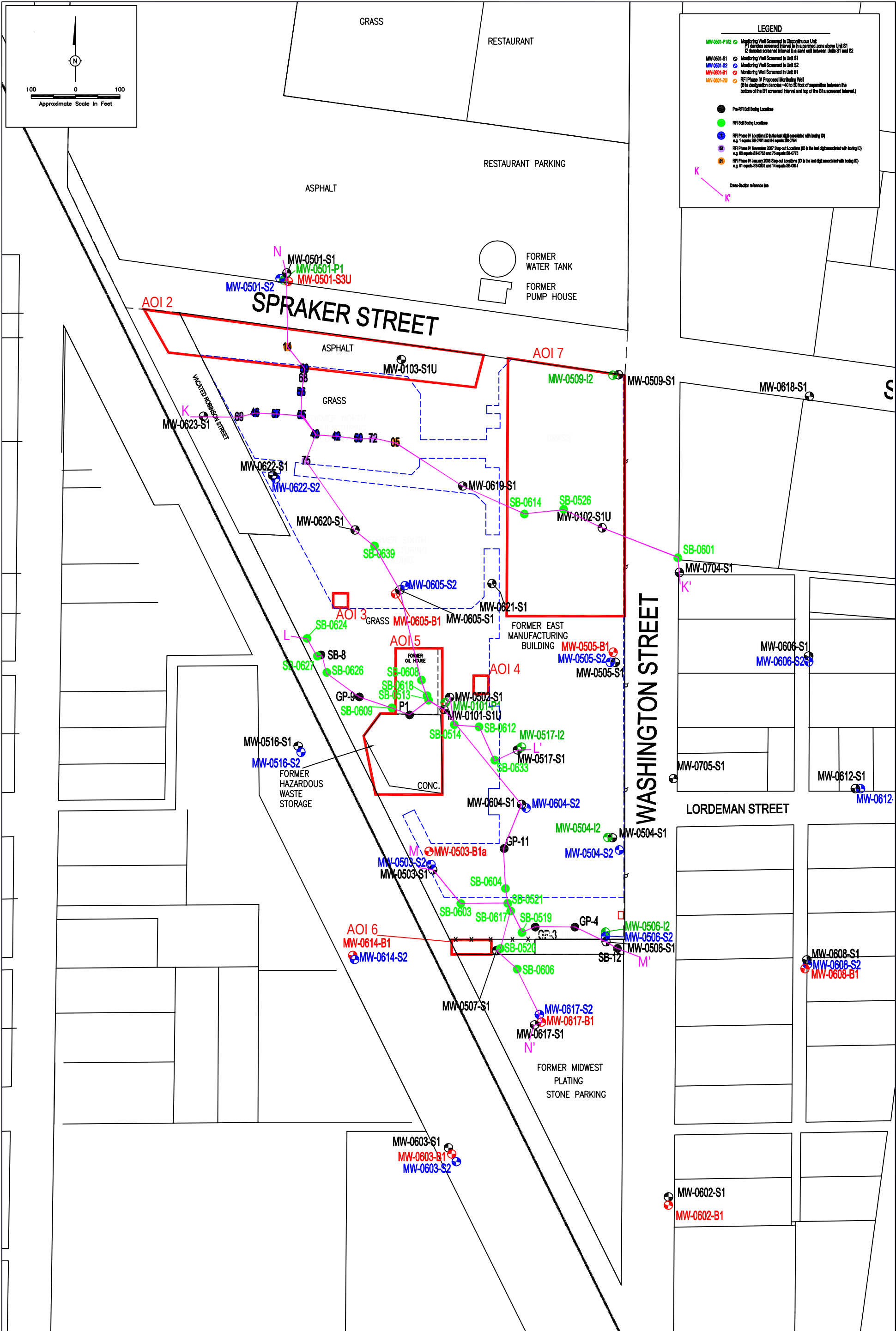
GENERAL MOTORS CORPORATION
FORMER GM DELCO PLANT 5

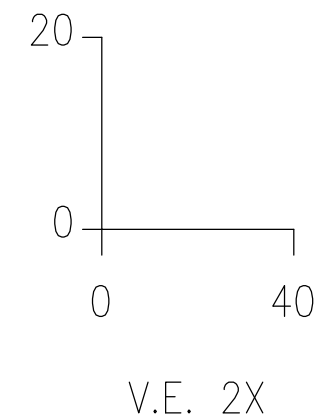
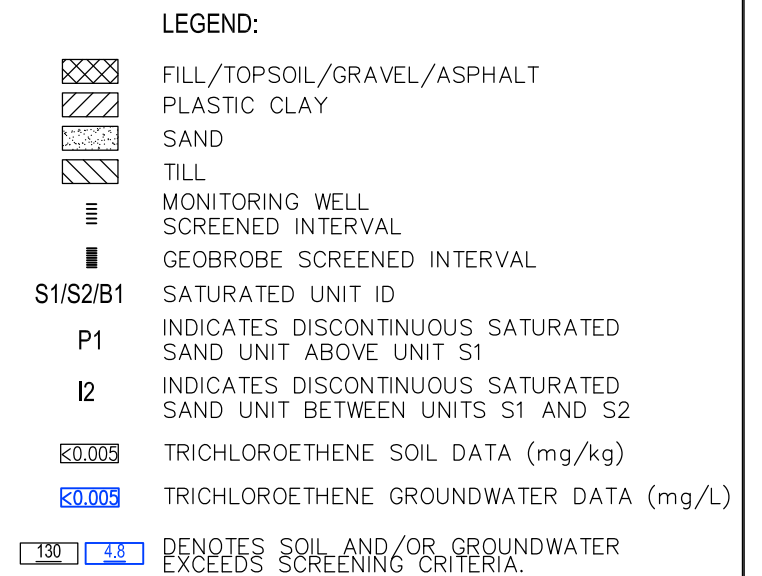
TCE CONCENTRATIONS IN SOIL
8 - 10 FEET BELOW GROUND SURFACE

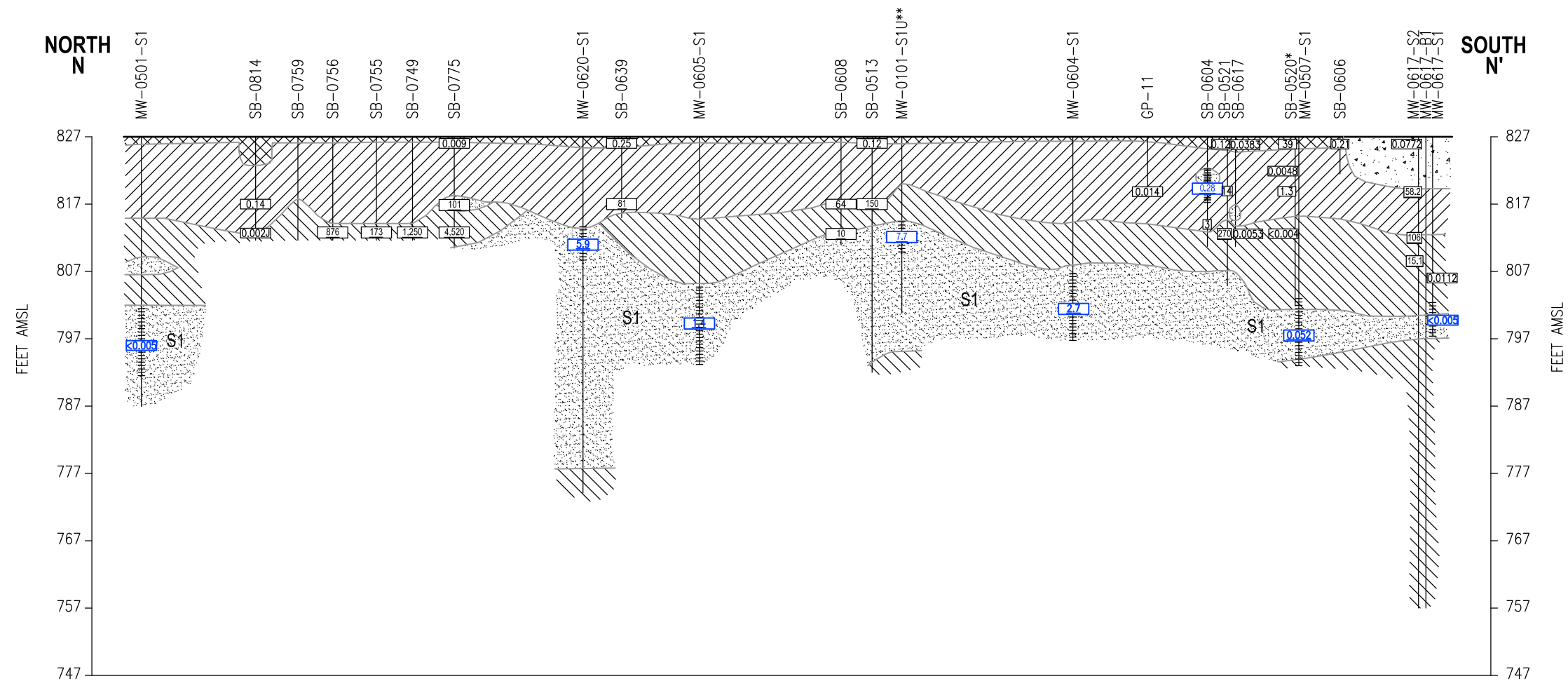
KOKOMO, INDIANA

Project Number
IN000743.0002
Drawing Date
9 APRIL 2008
Figure
35







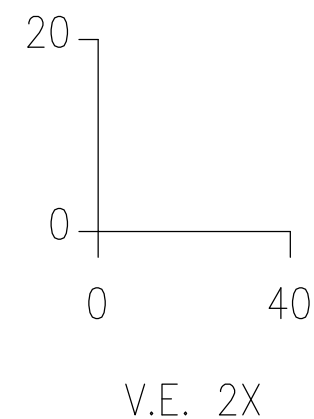


LEGEND:

	FILL/TOPSOIL/GRAVEL/ASPHALT
	PLASTIC CLAY
	SAND
	TILL
	GRAVEL FILL
	MONITORING WELL SCREENED INTERVAL
	GEOBROBE SCREENED INTERVAL
S1/S2/B1	SATURATED UNIT ID
P1	INDICATES DISCONTINUOUS SATURATED SAND UNIT ABOVE UNIT S1
I2	INDICATES DISCONTINUOUS SATURATED SAND UNIT BETWEEN UNITS S1 AND S2
	TRICHLOROETHENE SOIL DATA (mg/kg)
	TRICHLOROETHENE GROUNDWATER DATA (mg/L)
	DENOTES SOIL AND/OR GROUNDWATER EXCEEDS SCREENING CRITERIA.

NOTES:

- * - GEOLOGY FROM MW0502-S1 UTILIZED
- ** - GEOLOGY FROM MW-0101-S1U UTILIZED



GENERAL MOTORS CORPORATION
FORMER GM DELCO PLANT 5
RCRA FACILITY INVESTIGATION DATA REPORT
CROSS SECTION N-N'
KOKOMO, INDIANA

Project Number	IN000743.0002
Drawing Date	June 10, 2008
Drawing No.	51

Appendix A

Soil Boring and Monitoring Well Logs
(Provided on CD)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-01)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-1
DATE COMPLETED: MARCH 17, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	"N" VALUE	PID (ppm)
	Sod/topsoil			1SS	X	8	0.4
-2.5	ML-SILT (FILL), some clay and sand, little gravel, low plasticity, black, moist - brick fragments			2SS	X	9	0.3
-5.0				3SS	X	4	0.4
-7.5	CH-CLAY (NATIVE), some silt, little sand, trace gravel, high plasticity, olive brown, moist - thin wet seams			4SS	X	4	0.7
-10.0	END OF HOLE @ 10ft BGS			5SS	X	7	0.5
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

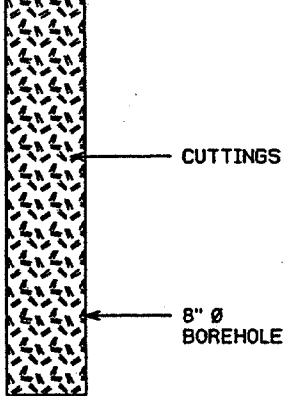
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-02)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-2
DATE COMPLETED: MARCH 17, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
-2.5	GM/GC-GRAVEL (FILL), sandy, some silt and clay, poorly graded, gray to black, dry			1SS	X	7	0.4
				2SS	X	4	0.3
-5.0	CL-CLAY (FILL), silty, little sand, low to medium plasticity, mottled, dark brown/dark red, moist - dark brown			3SS	X	7	0.4
-7.5	- (NATIVE) mottled gray-brown/red-brown, moist to wet			4SS	X	7	0.5
-10.0	END OF HOLE @ 10ft BGS			5SS	X	4	0.8
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ☒ STATIC WATER LEVEL ☒
CHEMICAL ANALYSIS ☐

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-03)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-3
DATE COMPLETED: MARCH 17, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	"N" VALUE	PID (ppm)
	Sod/topsoil			1SS	X	7	1.0
	Black sand, gravel, slag			2SS	X	2	0.8
-2.5	CL-CLAY, some silt, little sand, trace gravel, low plasticity, brown to dark gray, moist, brick fragments erratically graded			3SS	X	7	0.7
-5.0	- brown, no brick fragments			4SS	X	5	0.4
-7.5	- dark gray-brown			5SS	X	14	1.4
	- thin wet zone, brown						
	- silty, poorly graded, moist						
-10.0	END OF HOLE @ 10ft BGS						
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							



CUTTINGS

8" Ø
BOREHOLE

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-04)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-4
DATE COMPLETED: MARCH 17, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Sod/topsoil						
-2.5	GM/GC-GRAVEL (FILL), some sand and silt and clay, gray to brown, moist, some slag/cinders			1SS	X	21	3.4
	CL-CLAY (FILL), some silt, trace sand and gravel, moderate plasticity, moist, trace brick fragments			2SS	X	3	2.8
-5.0	- very dark gray/dark red mottled			3SS	X	6	1.5
-7.5	- brown			4SS	X	5	1.2
	- dark gray			5SS	X	14	0.8
-10.0	- (NATIVE) thin wet zone, brown						
	END OF HOLE @ 10ft BGS						
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ☐ STATIC WATER LEVEL ☐
CHEMICAL ANALYSIS ☐

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-05)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-5
DATE COMPLETED: MARCH 18, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Asphalt			1SS	X	11	0
	Gravel (FILL)			2SS	X	4	0
-2.5	CL-CLAY (FILL), silty, some gravel, little sand, low plasticity, black to gray, moist - trace gravel, brown			3SS	X	5	0
-5.0	- (NATIVE) mottled gray-brown			4SS	X	4	0
-7.5	- thin wet sandy seams			5SS	X	11	0
-10.0	- no wet seams, very hard			6SS	X	21	0
-12.5	- dark gray			7SS	X	16	0
-15.0				8SS	X	45	0
-17.5	GP-GRAVEL, sandy, trace clay and silt, poorly graded, fine grained, moist to wet			9SS	X	16	8.0
-20.0	END OF HOLE @ 20ft BGS			10SS	X	38	2.0
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-06)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-6
DATE COMPLETED: MARCH 18, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Sod/topsoil			1SS	X	4	0.4
-2.5	CL-CLAY, some silt, trace sand and gravel, low plasticity, brown, moist			2SS	X	8	0.4
	- brick fragments			3SS	X	5	1.2
-5.0				4SS	X	13	1.0
-7.5				5SS	X	9	0.8
-10.0				6SS	X	14	1.0
-12.5				7SS	X	18	3.0
-15.0	- dark gray			8SS	X	16	2.8
	- hard, dry			9SS	X	33	5.0
-17.5				10SS	X	21	0.0
-20.0	GP-GRAVEL, sandy, trace silt and clay, poorly graded, gray, moist to wet						
	END OF HOLE @ 20ft BGS						
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-07)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-7
DATE COMPLETED: MARCH 18, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	N-VALUE	PID (ppm)
	Sod/topsoil			1SS	X	6	0
-2.5	CL-CLAY, some silt, trace sand and gravel, dark gray/brown, moist			2SS	X	10	0
	- wet zone			3SS	X	5	0
-5.0	- brick fragments			4SS	X	7	0
	- gray brown			5SS	X	26	0
	- sand seam, some clay, moist			6SS	X	23	0
-7.5				7SS	X	51	0.3
-10.0	- gray brown			8SS	X	20	0
-12.5	- wet			9SS	X	24	4.0
	- hard, dry			10SS	X	28	3.5
-15.0	- wet						
	- moist						
-17.5	SC-SAND, some clay, little silt, fine to medium grained, poorly graded, saturated						
-20.0	CI-CLAY, some silt, little sand, trace gravel, moderate plasticity, gray brown, moist to wet						
	END OF HOLE @ 20ft BGS						
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-08)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-8
DATE COMPLETED: MARCH 18, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Sod and gravel			1SS	X	4	1.9
-2.5	CI-CLAY, some silt, trace gravel, moderate plasticity, gray/brown, dry to wet - moist to wet			2SS	X	5	0.1
-5.0				3SS	X	4	0
-7.5	- (5") sand seam, saturated			4SS	X	5	0
-10.0	- moist			5SS	X	24	0
-12.5				6SS	X	26	7.0
-15.0	- very hard, dry			7SS	X	52	2.1
-17.5				8SS	X	21	0
-20.0	- soft, saturated			9SS	X	18	3.1
-22.5				10SS	X	44	1.8
-25.0	END OF HOLE @ 20ft BGS						
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-13)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-9
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Sod/topsoil			1SS	X	17	3.6
-2.5	CL/CI-CLAY, some silt, little sand, low to moderate plasticity, dark brown, wet, some cobbles			2SS	X	9	2.0
-5.0	- mottled gray/brown, moist, no cobbles			3SS	X	8	6.0
-7.5				4SS	X	14	6.2
-10.0				5SS	X	17	4.5
-12.5	- dark gray/brown			6SS	X	28	5.5
-15.0	- little coarse gravel			7SS	X	35	5.5
-17.5	- saturated			8SS	X	50+	5.4
-20.0	- some gravel and coarse sand			9SS	X	50+	6.2
-22.5	END OF HOLE @ 20ft BGS			10SS	X	23	6.0
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-14)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-10
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	"N" VALUE	PID (ppm)
	Concrete			1SS	X	4	5.3
-2.5	CL/CI-CLAY (FILL), some silt and sand, trace gravel, low to moderate plasticity, gray/brown, moist			2SS	X	4	6.0
-5.0				3SS	X	3	6.0
-7.5	- gravelly seam, saturated - saturated - (NATIVE) dark gray/brown, wet - moist to wet			4SS	X	8	5.0
-10.0	END OF HOLE @ 10ft BGS			5SS	X	8	6.5
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							



NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-09)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-11
DATE COMPLETED: MARCH 18, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Sod/topsoil			1SS	X	4	4.1
-2.5	CL/CI-CLAY (FILL), some silt, little silt, trace gravel, low to moderate plasticity, dark gray, moist			2SS	X	6	2.5
-5.0	- (NATIVE) brown			3SS	X	4	2.7
-7.5	- sandy seam			4SS	X	5	4.6
	END OF HOLE @ 8ft BGS						
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-10)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-12
DATE COMPLETED: MARCH 20, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	"N" VALUE	PID (ppm)
	Gravel			1SS	X	10	2.0
-2.5	CL-CLAY, some silt, trace sand and gravel, low plasticity, dark brown, dry to moist - (3") sand seam, black			2SS	X	7	3.0
-5.0	- (4") sand seam, black			3SS	X	10	4.0
-7.5	- wet			4SS	X	13	7.0
-10.0	- sand seam, saturated, petroleum odor and sheen - coarse sand seam, saturated - silty seam, wet			5SS	X	15	24
-12.5	- dark gray, moist to wet, petroleum odor - no odor			6SS	X	11	9.0
-15.0				7SS	X	21	4.0
-17.5	END OF HOLE @ 16ft BGS			8SS	X	17	0.1
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-11)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-13
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Gravel Concrete END OF HOLE @ 0.5ft BGS		CUTTINGS 8" Ø BOREHOLE	ISS	X	50	
-2.5							
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-12)
Page 1 of 1

PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-14
DATE COMPLETED: MARCH 20, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Gravel, some clay			1SS	X	2	0
	Concrete			2SS	X	7	0.1
	Gravel and sand			3SS	X	12	0
	CL-CLAY, silty, trace sand and gravel, low plasticity, gray/brown, dry to moist			4SS	X	12	0
	- some silt			5SS	X	18	0
-2.5							
-5.0							
-7.5							
-10.0	END OF HOLE @ 10ft BGS						
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-15)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-15
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/2" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	SC-SAND, some clay and coarse gravel, fine to coarse grained, black, moist to wet			1SS	X	34	5.5
-2.5	CI-CLAY, some silt, trace sand and gravel, moderate plasticity, moist			2SS	X	11	15.2
-5.0	- some gravel, saturated, petroleum odor, sheen on water - moist to wet, petroleum odor			3SS	X	8	30
-7.5				4SS	X	4	19
-10.0	- thin saturated zones, slight petroleum odor which is strongest in saturated zones			5SS	X	8	24
-12.5				6SS	X	16	17
-15.0	- obstruction, carbonate rock			7SS	X	15	11
-17.5	END OF HOLE @ 15.5ft BGS			8SS	X	59	11
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-16)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-16
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Gravel			1SS	X	8	11
-2.5	CL-CLAY, some silt and gravel, little sand, dome brick fragments, slight petroleum odor - obstruction, possibly metallic END OF HOLE @ 3ft BGS			2SS	X	50+	8
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-17)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-17
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Clay (FILL)		 BENTONITE AND CUTTINGS 8" Ø BOREHOLE	ISS	X	50+	60
	Concrete						
-2.5	CL-CLAY, some silt, little sand, low plasticity, brown, dry - obstruction, possibly metallic						
	END OF HOLE @ 2ft BGS						
-5.0							
-7.5							
-10.0							
-12.5							
-15.0							
-17.5							
-20.0							
-22.5							
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-18)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-18
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	N' VALUE	PID (ppm)
	GC-GRAVEL, some clay			1SS	X	10	21
-2.5	Concrete			2SS	X	12	42
-5.0	CI-CLAY, some silt, trace sand and gravel, moderate plasticity, gray/brown, moist - gravel seam, dry - petroleum odor			3SS	X	5	450
-7.5	- some gravel, saturated zone, petroleum odor			4SS	X	7	14
-10.0	- wet to saturated - moist, petroleum odor			5SS	X	8	48
-12.5	- wet - moist			6SS	X	15	102
-15.0	- sand seam, medium to coarse grained, poorly graded, dark gray, moist			7SS	X	16	80
-17.5	- saturated - moist			8SS	X	50+	26
-20.0	- gravel seam, some clay, saturated, petroleum odor - wet - moist			9SS	X	50+	48
-22.5	END OF HOLE @ 20ft BGS			10SS	X	50+	38
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

(CL-19)
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PROJECT NAME: FORMER DELCO ELECTRONICS PLANT #5
PROJECT NUMBER: 9488
CLIENT: GM
LOCATION: KOKOMO, INDIANA

HOLE DESIGNATION: SB-19
DATE COMPLETED: MARCH 19, 1997
DRILLING METHOD: 4 1/4" HSA
CRA SUPERVISOR: D. SOUTTER

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL	MONITOR INSTALLATION	SAMPLE			
				NUMBER	STATE	'N' VALUE	PID (ppm)
	Gravel			1SS	X	9	6.5
-2.5	CI-CLAY, some silt and sand, trace gravel, moderate plasticity, gray/brown, dry to moist			2SS	X	5	11.2
	- wet			3SS	X	4	5.4
-5.0	- dry			4SS	X	8	6.4
	- silt seam, saturated			5SS	X	9	7.0
-7.5	- wet			6SS	X	17	7.0
	- wet			7SS	X	12	5.2
-10.0	- wet			8SS	X	23	6.0
	- trace sand, thin saturated sones			9SS	X	51	16.0
-12.5	- saturated			10SS	X	50+	36.0
-15.0	SC-SAND, trace silt and clay, fine to medium grained, gray, wet						
	- (6") clay seam, some sand and silt, low plasticity, gray, moist						
-17.5	CL-CLAY, some gravel, little silt and sand, low plasticity, very hard, dry						
	- gravel seam, saturated						
-20.0	- saturated						
	- hard, dry						
-22.5	END OF HOLE @ 20ft BGS						
-25.0							
-27.5							
-30.0							
-32.5							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▼ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ○

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BORING LOG: GP-1

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St., Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 6.5 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil	
						Medium grained Sand	
						Silty Brown Clay	
	A*			0			
5						Sandy Brown Clay	
	B*			0		Medium Brown Sand, Wet	
						Sandy Brown Clay, Wet	
						End of Boring at 8 ft.	
10							

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services



Handex of Indiana

BORING LOG: GP-2

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St., Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 7 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil Medium grained Grey Sand Gravel Sandy Grey Clay With gravel, Wet	
	A*			0		Sandy Grey Clay, Wet, Strong Hydrocarbon Odor	
5						Sandy Brown Grey Mottled clay, Stiff	
	B*			52		End of Boring at 8 ft.	
10							

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services



BORING LOG: GP-3

Use: **Soil Boring**

Owner Loc #: NA

Handex Loc #: 118707-01

Diameter: 1.75 in.

Diameter: *N/A*Diameter: *N/A*

WELL - Depth: *N/A*

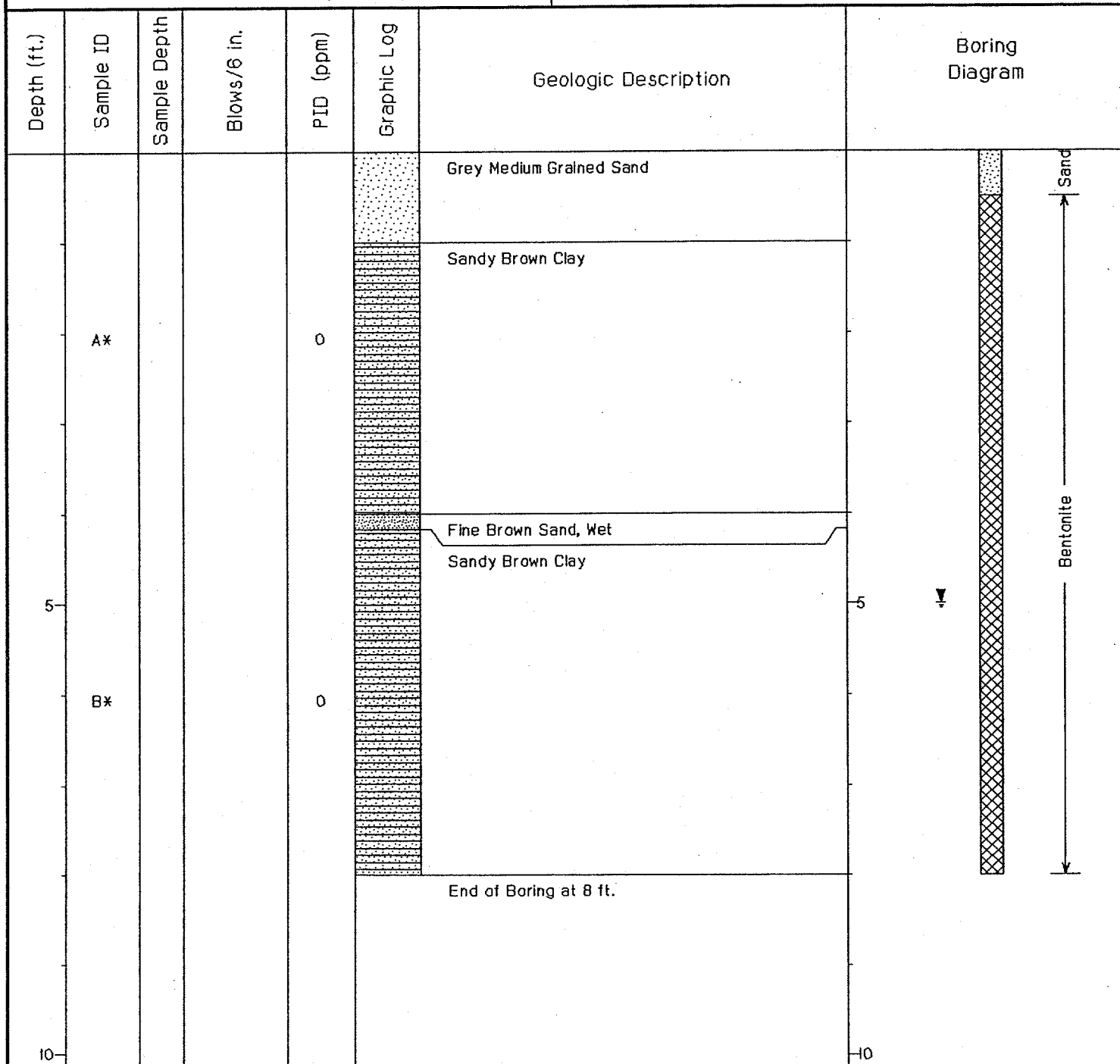
Geologist: Richard Rings		Driller: Duke's Earth Services

**Handex®**

Handex of Indiana

BORING LOG: GP-4

Permit #:

Drill Date: **5/3/99**Use: **Soil Boring**Location: **Former Delco Plant, Kokomo, Indiana**Owner Loc #: **NA**Owner: **Kokomo Howard County Development Corporation**Handex Loc #: **118707-01**Owner Address: **1723 Washington St., Kokomo, Indiana**BORING - Depth: **8 ft.**Diameter: **1.75 in.**Drilling Method: **Direct Push**CASING - Length: **N/A**Diameter: **N/A**Sampling Method: **Continuous Acetate Sleeve**SCREEN - Length: **N/A**Diameter: **N/A**Static Water Level: **5 ft. (5/3/99)**WELL - Depth: **N/A**

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: **Richard Rings**Driller: **Duke's Earth Services**

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Handex of Indiana

BORING LOG: GP-5

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St., Kokomo, Indiana

BORING - Depth: 12 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 10 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			2		Topsoil	
						Medium Grey Sand	
						Stained Black Clay	
						Silty Brown Clay	
						Stained black clay	
						Silty Brown Clay	
5	B*			87		Brown Grey Mottled Sandy Clay, Strong Hydrocarbon Odor	
						Sandy Grey Clay, Wet, Strong Hydrocarbon Odor	
						Sandy Brown Clay, Wet, Strong Hydrocarbon Odor	
						Sandy Grey Clay, Wet	
10	C*			0		Brown Grey Mottled sandy Clay	
						Fine Grey Sand, Wet	
						Grey Sandy Clay	
						End of Boring at 8 ft.	

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services

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Handex of Indiana

BORING LOG: GP-6

Permit #:

Drill Date: **5/3/99**Use: **Soil Boring**Location: **Former Delco Plant, Kokomo, Indiana**Owner Loc #: **NA**Owner: **Kokomo Howard County Development Corporation**Handex Loc #: **118707-01**Owner Address: **1723 Washington St., Kokomo, Indiana**BORING - Depth: **8 ft.**Diameter: **1.75 in.**Drilling Method: **Direct Push**CASING - Length: **N/A**Diameter: **N/A**Sampling Method: **Continuous Acetate Sleeve**SCREEN - Length: **N/A**Diameter: **N/A**Static Water Level: **6 ft. (5/3/99)**WELL - Depth: **N/A**

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Concrete	
						Dark Brown Silty Clay	
	A*			0		Brown Grey Mottled Silty Clay	
5							
	B*			0			
						Sandy Brown Clay, Wet	
						Sand Stringer, Wet	
						Sandy Brown Clay	
						End of Boring at 8 ft.	
10							

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: **Richard Rings**Driller: **Duke's Earth Services**

**Handex®**

Handex of Indiana

BORING LOG: GP-7

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St., Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 7 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Asphalt Concretew Silty Clay Silty Brown Clay With Gravel Dark Brown Clay Silty Brown Grey Mottled Clay Brown Grey Silty Clay Sand Stringer Sandy Brown Grey Mottled Clay, Wet End of Boring at 8 ft.	
5	B*			0			
10							

NOTES: * = Sample analyzed at laboratory; ↓ = Static Water Level

Geologist: Richard Rings Driller: Duke's Earth Services

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Handex of Indiana

BORING LOG: GP-8

Permit #:

Drill Date: **5/3/99**Use: **Soil Boring**Location: **Former Delco Plant, Kokomo, Indiana**Owner Loc #: **NA**Owner: **Kokomo Howard County Development Corporation**Handex Loc #: **118707-01**Owner Address: **1723 Washington St., Kokomo, Indiana**BORING - Depth: **12 ft.**Diameter: **1.75 in.**Drilling Method: **Direct Push**CASING - Length: **N/A**Diameter: **N/A**Sampling Method: **Continuous Acetate Sleeve**SCREEN - Length: **N/A**Diameter: **N/A**Static Water Level: **11 ft. (5/3/99)**WELL - Depth: **N/A**

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Concrete Silty Brown Clay Dark Brown Clay With Gravel Stiff Grey Brown Mottled Clay	
5	B*			0		Brown Grey Silty Clay	
						Sand Stringer Brown Grey Mottled Sandy Clay, Wet Clayey Brown Sand	
10	C*			0		Stiff Grey Till	
						End of Boring at 12 ft.	

NOTES: * = Sample analyzed at laboratory; ↓ = Static Water Level

Geologist: **Richard Rings**Driller: **Duke's Earth Services**

**Handex®**

Handex of Indiana

BORING LOG: GP-9

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St, Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 9 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Concrete	
						Silty Brown Clay	
5	B*			0		Sand Stringer	
						Sandy Brown Grey Mottled Clay	
						End of Boring at 8 ft.	
10							

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services



Handex of Indiana

BORING LOG: GP-10

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St, Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 7.5 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Concrete Silty Brown Clay Sand Stringer Silty Brown Clay	
5	B*			0		Sand Stringer Sandy Brown Grey Mottled Clay, Wet End of Boring at 8 ft.	
10							

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services

**Handex®**

Handex of Indiana

BORING LOG: GP-11

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St., Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 11 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Silty Brown Clay	
5	B*			0		Brown Grey Silty Clay	
						Sandy Brown Clay, Wet	
10						End of Boring at 8 ft.	

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services

**Handex®**

Handex of Indiana

BORING LOG: GP-12

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 16 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

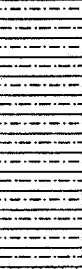
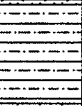
Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: 14 ft. (5/3/99)

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Silty Brown Clay	
5	B*			0		Sandy Brown Clay	
10	C*			0			
15	D*			0		Stiff Grey Till	
						Fine Grey Sand, Wet, Slight Hydrocarbon Odor	
						End Of Boring	

NOTES: * = Sample analyzed at laboratory; ▼ = Static Water Level

Geologist: Richard Rings

Driller: Duke's Earth Services

**Handex®**

Handex of Indiana

BORING LOG: GP-13

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: N/A

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil	
						Gravel	
						Silty Brown Clay	
	A*			0			
5						Brown Gray Mottled Clay	
	B*			0			
						Brown Sand With Clay, Wet	
						Sandy Brown Clay	
						End Of Boring	
10							10

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services



Handex of Indiana

BORING LOG: GP-14

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level:

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil	
	A*			0		Brown, Gray, And Red Mottled Silty Clay	
5	B*			0		Brown And Grey Mottled Silty Clay	
						Sandy Brown Clay, Wet	
						Fine Brown Sand	
10						End Of Boring	

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services

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Handex of Indiana

BORING LOG: GP-15

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 16 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level: N/A

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsail	
	A*			0		Silty Brown Clay	
5	B*			0			
10	C*			0		Sandy Grey clay	
						Stiff Grey Silty Clay	
15						End Of Boring	

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services

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Handex of Indiana

BORING LOG: GP-16

Permit #:

Drill Date: **5/3/99**Use: **Soil Boring**Location: **Former Delco Plant, Kokomo, Indiana**Owner Loc #: **NA**Owner: **Kokomo Howard County Development Corporation**Handex Loc #: **118707-01**Owner Address: **1723 Washington St. Kokomo, Indiana**BORING - Depth: **16 ft.**Diameter: **1.75 in.**Drilling Method: **Direct Push**CASING - Length: **N/A**Diameter: **N/A**Sampling Method: **Continuous Acetate Sleeve**SCREEN - Length: **N/A**Diameter: **N/A**Static Water Level: **N/A**WELL - Depth: **N/A**

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Topsoil Silty Brown Clay With Gravel, Soft Stiff Silty Brown Clay Sandy Brown And Grey Mottled Clay	 Sand Bentonite
5	B*			0			
10	C*			0			
15						Stiff Grey Silty Clay End Of Boring	

NOTES: * = Sample analyzed at laboratory

Geologist: **Richard Rings**Driller: **Duke's Earth Services**

**Handex®**

Handex of Indiana

BORING LOG: GP-17

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level:

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil	
						Silty Brown Clay	
						Gravel	
	A*			0		Dark Brown Silty Clay	
5						Brown And Grey Mottled Silty Clay	
	B*			0			
						Fine Brown Sand With Gravel	
						End Of Boring	
10							

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services

BORING LOG: GP-18

Permit #:

Drill Date: 5/3/99

Use: **Soil Boring**

Location: *Former Delco Plant, Kokomo, Indiana*

Owner Loc #: NA

Owner: **Kokomo Howard County Development Corporation**

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: *Direct Push*

CASING - Length: *N/A*

Diameter: *N/A*

Sampling Method: *Continuous Acetate Sleeve*

SCREEN - Length: **N/A**

Diameter: *N/A*

Static Water Level:

WELL - Depth: *N/A*

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Topsoil	 Concrete Bentonite
						Brown Silty Clay	
						Sand And Gravel	
						Brown And Grey Mottled Silty Clay	
5	B*			0		Brown And Grey Sandy Clay	
End Of Boring							

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services

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Handex of Indiana

BORING LOG: GP-19

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

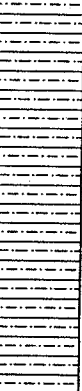
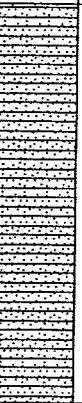
Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level:

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
	A*			0		Asphlt Gravel	
						Dark Brown Silty Clay	
5	B*			0		Brown And Grey Mottled Sandy Clay	
						Fine Brown Sand, Wet	
10						End Of Boring	

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services



Handex of Indiana

BORING LOG: GP-20

Permit #:

Drill Date: 5/3/99

Use: Soil Boring

Location: Former Delco Plant, Kokomo, Indiana

Owner Loc #: NA

Owner: Kokomo Howard County Development Corporation

Handex Loc #: 118707-01

Owner Address: 1723 Washington St. Kokomo, Indiana

BORING - Depth: 8 ft.

Diameter: 1.75 in.

Drilling Method: Direct Push

CASING - Length: N/A

Diameter: N/A

Sampling Method: Continuous Acetate Sleeve

SCREEN - Length: N/A

Diameter: N/A

Static Water Level:

WELL - Depth: N/A

Depth (ft.)	Sample ID	Sample Depth	Blows/6 in.	PID (ppm)	Graphic Log	Geologic Description	Boring Diagram
						Topsoil	
						Gravel	
						Medium Brown Sand With Gravel	
	A*			0		Stiff Brown And Grey Mottled Clay	
5						Brown And Grey Mottled Silty Clay	
	B*			0		Brown Sand With Clay, Wet	
10						End Of Boring	

NOTES: * = Sample analyzed at laboratory

Geologist: Richard Rings

Driller: Duke's Earth Services



BORING LOG: GP-21

Use: **Soil Boring**

Owner Loc #: NA

Handex Loc #: 118707-01

Diameter: 1.75 in.

Diameter: *N/A*Diameter: *N/A*

WELL - Depth: *N/A*

Driller: Duke's Earth Services

[illegible]

[illegible]

[illegible]

[illegible]



BORING LOG

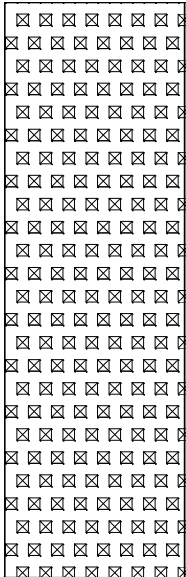
BORING LOG: **P-5**
TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY:
DATE STARTED: **5/22/2001**
DATE COMPLETED: **5/22/2001**

DRILLING INFORMATION

DRILLING CO.: **Paramount Environmental**
DRILLER:
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 197959.1
EASTING: 1913878.3
ELEVATION:

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		P-5 was installed by Bruce Carter Associates, LLC (BCA). No log was found for this boring, and the depth of 12 feet was assumed based on the boring locations completed by BCA during this investigation. A review of the analytical data shows that a borehole water sample was collected from a depth of 7 to 11 feet below grade. This borehole water sample was analyzed for metals, SVOCs, and VOCs. ARCADIS generated this log based on known information about P-5			
-5					
-10					
-15					
-20					

[illegible]

[illegible]

[illegible]

[illegible]

Log of Borehole: MW-1M

Project: Former Delco Site

Client: City of Kokomo

Location: Kokomo, IN

Geologist: Jennifer Krol



Depth	Description	Length (ft.)	Material	Annulus	Well	Well Completion
0	Ground Surface					
1		3'	Flush	Cover		Steel pro cover, concrete floor Locking cap
2						
3						
4						
5	Blank Drill to 10'					2" Schedule 40 PVC riser Bentonite seal and grout
6						
7		9'	Riser	Bentonite		
8						
9						
10						
11	10-12' 4" dry brown sand loam trace gravel					Water Level (10.88; 6-22-01)
12		.5'	Riser	Sand		Sand to .5' over screen
13	12-14' 2" As Above; 15" poorly-sorted wet gray sand PID screen=80					
14						
15	14-16' 3.5" sluff	5'	Screen	Sand		2" Schedule 40 PVC 10 Slot Screen
16	15.5" As Above but finer PID screen=22					
17	16-18' 12" sluff; 12" wet sand and gravel, poorly-sorted PID screen=5					
18						Threaded cap
19	18-20' 6" poorly-sorted sand 4" gravelly sand; 6" strong brown clay; 8" gravelly sand-bedrock pieces; PID screen=1.5					
20						
21	20-22' 7" sluff; 1" dark brown silt clay; 8" wet gravelly sand PID=0					
22						
23	22-24' 8.5" sluff 6.5" wet gravelly sand					
24						
25	24-26' 2" light brown fine, well- sorted sand; 6" soft reddish- brown silty clay; 4" poorly-sorted					
26	wet gray sand					

Drilled By: SCS Drilling

Drill Method: Auger

Drill Date: 6/21/01

Bruce Carter Associates
6330 E. 75th St.
Suite 300
Indianapolis, IN 46250

Hole Size: 10"

Datum:

Sheet: 1 of 1

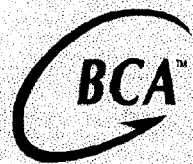
Log of Borehole: MW-1S

Project: Former Delco Site

Client: City of Kokomo

Location: Kokomo, IN

Geologist: Jennifer Krol



Depth	Description	Length (ft.)	Material	Annulus	Well	Well Completion
0	Ground Surface					
1	Blank Drill to 10'	3'	Flush	Cover		Steel pro cover _concrete floor Locking cap
2						
3		2'	Riser	Bentonite		2" Schedule 40 PVC riser Bentonite seal and grout
4	Blank Drill to 10'					
5						
6		5'	Screen	Sand		2" Schedule 40 PVC 10 Slot Screen
7	Blank Drill to 10'					
8						
9						
10	End of Borehole					Threaded Cap
11	End of Borehole					
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						

Drilled By: SCS Drilling

Drill Method: Auger

Drill Date: 6/21/01

Bruce Carter Associates
6330 E. 75th St.
Suite 300
Indianapolis, IN 46250

Hole Size: 10"

Datum:

Sheet: 1 of 1

Log of Borehole: MW-2

Project: Former Delco Site

Client: City of Kokomo

Location: Kokomo, IN

Geologist: Jennifer Krol



Depth	Description	Length (ft.)	Material	Annulus	Well	Well Completion
0	Ground Surface					
1	0-2' 3" top soil	3'	Flush	Cover		Steel pro cover _concrete floor Locking cap
2	15" dry yellowish-brown clayey silt					
3	2-4' 4" sluff					
4	moist yellowish-brown silty sand					
5	4-6' 4" sluff					2" Schedule 40 PVC riser Bentonite seal and grout
6	22" yellowish-brown silt loam					
7	6-8' 22" Same As Above					
8						
9	8-10' 5" sluff					
10	19" dry yellowish-brown silt loam					
11	10-12' 11" Same As Above	17.5'	Riser	Bentonite		Water Level (10.88; 6-22-01)
12	4" poorly-sorted dry sand					
13	9" gray clayey silt					
14	12-14' 3" sluff					
15	9" slightly moist yellowish-brown sandy loam					
16	14-16' 4" moist sand					
17	3" rock; 15" dry till					
18	16-18' 5" sluff					
19	20" gray silt loam					
20	18-20' 5" sluff					
21	21" dry silt					
22	20-22' 6" moist silt loam	.5'	Riser	Sand		Sand to .5' over screen
23	12" gray medium-grained sand, wet PID=1					
24	22-24' 26" Same As Above	5'	Screen	Sand		2" Schedule 40 PVC 10 Slot Screen
25	bottom 1" silt PID=2					
26	24-26' 25" Same As Above (sand) PID=1					Threaded cap

Drilled By: SCS Drilling

Drill Method: Auger

Drill Date: 6/21/01

Bruce Carter Associates
6330 E. 75th St.
Suite 300
Indianapolis, IN 46250

Hole Size: 10"

Datum:

Sheet: 1 of 1

Log of Borehole: MW-3

Project: Former Delco Site

Client: City of Kokomo

Location: Kokomo, IN

Geologist: Jennifer Krol



Depth	Description	Length (ft.)	Material	Annulus	Well	Well Completion
0	Ground Surface					
1	0-2' 16" top soil 4" gray silt loam	3'	Flush	Cover		Steel pro cover _concrete floor Locking cap
2						
3	2-4' 13" yellowish-brown silt loam @ 10" pieces of coal					
4						
5	4-6' 3" sluff 19" gray silt loam					2" Schedule 40 PVC riser Bentonite seal and grout
6						
7	6-8' 11" sluff; 7" As Above					
8						
9	8-10' 6" sluff 5" moist sand; 9" As Above	11.5'	Riser	Bentonite		
10						
11	10-12' 4" sluff 19" grayish-brown silt loam					
12						Water Level (12.34; 6-22-01)
13	12-14' 4" As Above					
14						
15	14-16' 2" sluff 22" gray clayey sand, wet	.5'	Riser	Sand		Sand to .5' over screen
16						
17	16-18' 4" sluff; 3" As Above 13" wet gray sand	5'	Screen	Sand		2" Schedule 40 PVC 10 Slot Screen
18						
19	18-20' 12" wet gray sand					
20						Threaded cap
21	End of Borehole					
22						
23						
24						
25						
26						

Drilled By: SCS Drilling

Drill Method: Auger

Drill Date: 6/21/01

Bruce Carter Associates
6330 E. 75th St.
Suite 300
Indianapolis, IN 46250

Hole Size: 10"

Datum:

Sheet: 1 of 1



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0501-P1**

TOTAL DEPTH: **20.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/13/2005**

DATE COMPLETED: **9/13/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

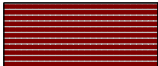
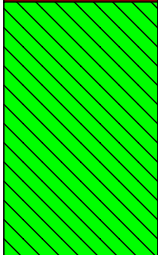
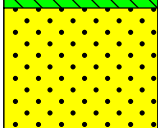
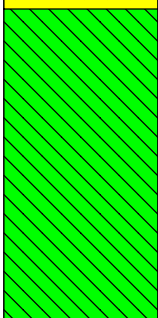
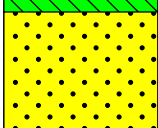
DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1914412.2

Easting: 197780.4

Elevation: 828.97

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT	MW-0501-1L-01	0.0	Flush Mount PVC Sch 40 Bentonite-pelletS
		CLAY: Black Silty Sandy CLAY, very plastic, cohesive, sticky, moist, soft, olive mottling	MW-0501-1L-02	5.9	
			MW-0501-1L-03	11.2	
5		CLAY: Lt. Olive silty sandy CLAY, very plastic, cohesive, sticky, most, soft, rust colored mottling	MW-0501-1L-04	16.4	
			MW-0501-1L-05	32.5	
		SAND: Dark yellowish brown clayey SAND, slightly plastic, slightly cohesive, non-sticky, wet	MW-0501-1L-06	47.8	Sand pack PVC Sch 40
10		CLAY: Lt. Olive gray silty sandy CLAY, plastic, cohesive, sticky, moist, soft, rust colored mottling, increased sand content	MW-0501-1L-07	19.1	
		SAND: Dark Yellowish brown fine to med. SAND, wet, poorly graded, sub-rounded	MW-0501-1L-08	20.5	
		CLAY: Dark yellowish brown silty CLAY, slightly plastic, cohesive, non-sticky, slightly moist, firm, trace gravel, color change to Gray @ 14.5	MW-0501-1L-09	21.0	
15		SAND: Gray med. to coarse SAND & Gravel, wet, sub-rounded, poorly graded			
		CLAY: Gray silty CLAY, non-plastic, cohesive, non-			



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0501-P1**

TOTAL DEPTH: **20.00**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS

20		sticky, sl. moist, trace gravel			. : . :



WELL CONSTRUCTION LOG

WELL NO.: **MW-0501-S1**

TOTAL DEPTH: **34.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/6/2006 11:00:00 AM**

DATE COMPLETED: **2/6/2006 4:50:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1914420.1

Easting: 197783.6

Elevation: 829.05

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		BLANK: BLANK drill. Mostly black clay, very moist sand/clay	MW-0501-S1-01		0.0	PVC Sch 40
			MW-0501-S1-02		0.0	Bentonite-pelletS
			MW-0501-S1-03		0.0	
			MW-0501-S1-04		0.0	
			MW-0501-S1-05		0.0	
			MW-0501-S1-06		0.0	
			MW-0501-S1-07		0.0	
15		SILTY CLAY: Brown gray SILTY CLAY, <0.5" sand stringer present, moist, firm, slightly plastic, not sticky.	MW-0501-S1-08		0.0	
			MW-0501-S1-09		0.0	
		SAND: Brown gray silty SAND, trace clay, wet (wet silt throughout spoon)	MW-0501-S1-10	neg	0.0	
20		CLAY: Brown-gray silty sandy CLAY, moist, trace gravel, firm, not plastic, not sticky.				
		SAND: Brown SAND, wet, silty ~3" (in place?)				
		CLAY: Brown sandy silty CLAY, firm, trace gravel, moist, slightly plastic, cohesive, slightly sticky.				
25		BLANK: No recovery. Trace wet silt, fine sand in water in spoon. Water bearing unit start of 24.5 based on MW-0501-3U.				Sand pack
		SAND: Brown gray coarse SAND & gravel, cobbles, wet.				PVC Sch 40
30						



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0501-S2**

TOTAL DEPTH: **76.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/29/2005**

DATE COMPLETED: **9/29/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1914413.9

Easting: 197776.4

Elevation: 829.07

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT / Fill	MW-0501-2U-01	0.0	Bent-cement grout PVC Sch 40
			MW-0501-2U-02	0.7	
			MW-0501-2U-03	1.2	
			MW-0501-2U-04	2.3	
			MW-0501-2U-05	1.6	
			MW-0501-2U-06	2.8	
			MW-0501-2U-07	3.9	
			MW-0501-2U-08	3.9	
5		CLAY: Black silty sandy CLAY, very plastic, cohesive, sticky moist			Bentonite-pelletS Sand pack PVC Sch 40
10		CLAY: Dark yellowish brown, silty sandy CLAY, plastic, cohesive, sticky, moist, olive mottling, trace gravel			
15		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, firm, trace gravel			
20		BLANK: BLANK Drill			
25					
30					
35					
40					
45					
50					
55					
60					
65					
70					
75					



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0502-S1**

TOTAL DEPTH: **34.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/15/2005**

DATE COMPLETED: **9/15/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913939.6

Easting: 197965.7

Elevation: 826.77

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0502-1L-01	0.0	Flush Mount PVC Sch 40 Bentonite-pelletS
		CLAY: Brown silty sandy CLAY, non-plastic, non-cohesive, non-sticky, dry, friable	MW-0502-1L-02	0.5	
5		CLAY: Dark yellowish brown silty, sandy, CLAY, plastic, cohesive, sticky, moist, rust-colored mottling	MW-0502-1L-03	1.2	
			MW-0502-1L-04	4.5	
		SILT: Gray clayey SILT, non-plastic cohesive, non-sticky, moist, very firm, trace gravel	MW-0502-1L-05	10.6	Sand pack PVC Sch 40
10			MW-0502-1L-06	7.8	
			MW-0502-1L-07	9.3	
15		SAND: Gray med. to coarse SAND & Gravel, wet sub-rounded, poorly sorted,	MW-0502-1L-08	4.7	
			MW-0502-1L-09	20.4	
			MW-0502-1L-10	22.7	
20			MW-0502-1L-11	37.6	
			MW-0502-1L-12	18.9	
25			MW-0502-1L-13	20.1	
			MW-0502-1L-14	11.0	
			MW-0502-1L-15	4.2	
30			MW-0502-1L-16	0.8	
		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, firm, trace gravel	MW-0502-1L-17	1.3	



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0503-S1**

TOTAL DEPTH: **33.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, IN**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/10/2005**
DATE COMPLETED: **10/10/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Kevin Smith**
DRILLING METHOD: **Roto-Sonic**
COORDINATES:
Northing: 1913747.2
Easting: 197948.6
Elevation: 827.16

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: fill/ cinders/ GRAVEL	MW-0503-1L-01		 Flush Mount PVC Sch 40 Bent-cement grout
5		CLAY: dark yellowish brown silty sandy CLAY with trace gravel and pebbles, cohesive, plastic at start of interval, olive and gray, mottling			
10		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel and pebbles, moist DNAPL area			
15		SAND: SAND stringer			
20		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel and pebbles, moist DNAPL area			
25		SAND: gray medium to coarse, well graded, saturated SAND, water 25.0-32.0			
30		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel			Sand pack PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0503-S2**

TOTAL DEPTH: **70.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/10/2005**

DATE COMPLETED: **10/10/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913753.2

Easting: 197946.4

Elevation: 827.25

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: fill/cinders/GRAVEL	MW-0503-2L-01		0.2	Flush Mount PVC Sch 40 Bent-cement grout
		CLAY: dark yellowish brown silty sandy CLAY with trace gravel and pebbles, cohesive, plastic at start of interval, olive and gray, molting	MW-0503-2L-02		1.4	
5		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel and pebbles	MW-0503-2L-03		2.8	
10		SAND: SAND stringer	MW-0503-2L-04		10.4	positive
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel and pebbles, moist DNAPL area	MW-0503-2L-05		7.8	
15		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-06		4.6	
20		SAND: gray medium to coarse, well graded, saturated SAND, water 25.0-32.0	MW-0503-2L-07		3.9	neg
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-08		5.1	
25		SAND: gray medium to coarse, well graded, saturated SAND, water 25.0-32.0	MW-0503-2L-09		7.2	
30		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-10		2.4	neg
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-11		8.3	
35		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-12		12.6	
40		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-13		14.2	neg
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-14		15.6	
45		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-15		11.9	
50		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-16		12.3	neg
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-17		5.3	
55		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-18		5.4	
60		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-19		6.1	neg
		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-20		4.2	
65		SILT: gray clayey SILT, nonplastic, cohesive, competent, trace gravel	MW-0503-2L-21		2.1	
70		BEDROCK: Limestone BEDROCK.	MW-0503-2L-22		2.6	neg
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-23		3.4	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-24		1.8	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-25		8.7	neg
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-26		5.3	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-27		14.6	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-28		21.2	neg
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-29		18.5	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-30		21.0	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-31		23.6	neg
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-32		19.7	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-33		20.9	
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-34		21.6	neg
		BEDROCK: Limestone BEDROCK.	MW-0503-2L-35		6.7	
		BEDROCK: Limestone BEDROCK.				



WELL CONSTRUCTION LOG

WELL NO.: **MW-0504-I2**

TOTAL DEPTH: **43.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **10/6/2005**

DATE COMPLETED: **10/6/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913783.8

Easting: 198145.9

Elevation: 826.81

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0504-2L-01			Flush Mount PVC Sch 40 Bent-cement grout
5		CLAY: brown silty sandy CLAY, nonplastic, cohesive, sticky, slightly moist, friable, rust colored mottling				
		CLAY: dark yellowish brown silty sandy CLAY, plastic, cohesive, sticky, moist, gray mottling				
10		SILT: dark yellowish brown clayey SILT, nonplastic cohesive, nonsticky, moist, firm				
		SAND: dark yellowish brown fine to medium SAND, wet, subrounded, poorly graded				
15		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, trace gravel, firm				
20						
25		SAND: gray medium to coarse SAND and gravel, wet, subrounded, poorly graded, water @ 23.0-31.0'				
30		SILT: gray clayey SILT, nonplastic	MW-0504-2L-02		4.3	
		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, hard, trace gravel	MW-0504-2L-03		12.6	
35		SAND: gray medium to coarse SAND and gravel, wet, poorly graded, sub-rounded, water @ 34.5-38.0'	MW-0504-2L-04		14.4	
		SILT: gray clayey SILT, nonplastic, cohesive, non-sticky, moist, hard, trace gravel	MW-0504-2L-05	neg	13.2	
40			MW-0504-2L-06		7.6	
			MW-0504-2L-07		6.2	

Sand pack
PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0504-S1**

TOTAL DEPTH: **32.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/14/2005**

DATE COMPLETED: **9/14/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913783.4

Easting: 198151.1

Elevation: 826.63

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0504-1L-01		0.0	Flush Mount
		CLAY: Brown silty sandy CLAY, non-plastic, cohesive, sticky, slightly moist, friable, rust colored staining	MW-0504-1L-02		0.1	PVC Sch 40
		CLAY: Dark yellowish brown, silty, sandy CLAY, plastic, cohesive, sticky, moist, gray mottling	MW-0504-1L-03		1.1	Bent-cement grout
5			MW-0504-1L-04		2.0	
		SILT: Dark yellowish brown clayey SILT, non-plastic, cohesive, non-sticky, moist, firm	MW-0504-1L-05		3.7	
10			MW-0504-1L-06		5.1	
		SAND: Dark yellowish brown fine to medium SAND, wet, sub-rounded, poorly graded	MW-0504-1L-07	neg	8.2	
		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel	MW-0504-1L-08		11.8	
15			MW-0504-1L-09		9.7	
			MW-0504-1L-10		10.6	
20			MW-0504-1L-11		11.4	Sand pack
			MW-0504-1L-12		27.6	PVC Sch 40
25		SAND: Gray medium to coarse SAND & gravel, wet, sub-rounded, poorly graded	MW-0504-1L-13		18.4	
			MW-0504-1L-14		19.7	
			MW-0504-1L-15		25.4	
30			MW-0504-1L-16	neg	13.7	
		SILT: Gray clayey SILT, nonplastic				

WELL CONSTRUCTION LOG

WELL NO.: **MW-0504-S2**

TOTAL DEPTH: **63.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **2/17/2006 8:15:00 AM**

DATE COMPLETED: **2/17/2006 2:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

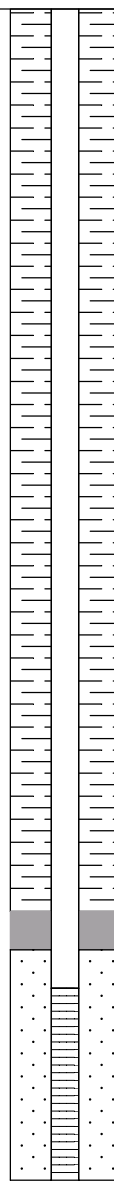
DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913769.3

Easting: 198159

Elevation: 826.64

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0504-S2-01	0.0	 Bent-cement grout PVC Sch 40 Bentonite-pellets Sand pack PVC Sch 40
5		CLAY: 7.5YR 4/6 CLAY w/ high sand content, tr. gravel & pebbles (fill?), limestone gravel	MW-0504-S2-02	0.0	
		CLAY: 7.5YR 3/2 dark brown CLAY	MW-0504-S2-03	0.0	
10		CLAY: 10YR 4/6 plastic, pliable lt. yellowish brown CLAY, increased plasticity/moisture @ 6.5-8', tr. gravel & pebbles orange & gray mottling, well-graded/saturated 2" sand stringer (subrounded gravels) @ intervals	MW-0504-S2-04	34.6	
			MW-0504-S2-05	2.3	
			MW-0504-S2-06	1.6	
15		TILL: 10YR 3/1 competent, cohesive non-plastic silty sandy clay TILL, 15.5-16.0' dry & friable, back to competent, then back to friable from 19.0-20, back to competent until end of interval	MW-0504-S2-07	1.0	
			MW-0504-S2-08	0.0	
			MW-0504-S2-09	1.3	
20		SAND: Coarse grained, poorly graded saturated gray SAND w/ trace pebbles, gravel & cobbles (all subrounded).	MW-0504-S2-10	4.9	
			MW-0504-S2-11	9.1	
			MW-0504-S2-12	39.1	
25		TILL: 10YR 3/1, competent, cohesive, non-plastic silty sandy clay TILL w/ tr. gravel & pebbles (sub rounded), 2" sand stringer at 31'.	MW-0504-S2-13	45.3	
			MW-0504-S2-14	33.4	
			MW-0504-S2-15	6.4	
30		SAND: Coarse grained, poorly graded saturated SAND	MW-0504-S2-16	0.6	
			MW-0504-S2-17	2.4	
			MW-0504-S2-18	3.1	
35			MW-0504-S2-19	4.8	
40			MW-0504-S2-20	3.1	
45			MW-0504-S2-21	1.5	
			MW-0504-S2-22	0.3	
			MW-0504-S2-23	1.6	
			MW-0504-S2-24	0.3	
			MW-0504-S2-25	1.1	
50			MW-0504-S2-26	1.2	
			MW-0504-S2-27	0.5	
			MW-0504-S2-28	2.1	
			MW-0504-S2-29	1.1	
55			MW-0504-S2-30	0.6	
60					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0505-B1**

TOTAL DEPTH: **85.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/10/2006 12:45:00 PM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913992.5

Easting: 198151.9

Elevation: 827.35

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL, some Limestone Gravel/cement, brick pieces, roots.	MW-0505-B1-01		0.8	Flush Mount PVC Sch 40 Bent-cement grout
			MW-0505-B1-02		0.8	
			MW-0505-B1-03		0.8	
			MW-0505-B1-04		0.8	
			MW-0505-B1-05		0.8	
			MW-0505-B1-06		0.4	
			MW-0505-B1-07		0.4	
			MW-0505-B1-08		0.4	
			MW-0505-B1-09		0.8	
			MW-0505-B1-10		0.4	
			MW-0505-B1-11		17.1	
			MW-0505-B1-12		11.5	
			MW-0505-B1-13		10.2	
			MW-0505-B1-14		7.7	
			MW-0505-B1-15		1.9	
			MW-0505-B1-16		3.2	
			MW-0505-B1-17		2.4	
			MW-0505-B1-18		2.1	
			MW-0505-B1-19		1.2	
			MW-0505-B1-20		0.8	
			MW-0505-B1-21		0.8	Neg.
			MW-0505-B1-22		0.8	
			MW-0505-B1-23		0.4	
			MW-0505-B1-24		0.8	
			MW-0505-B1-25		0.8	
			MW-0505-B1-26		0.4	
			MW-0505-B1-27		0.4	
			MW-0505-B1-28		0.4	
			MW-0505-B1-29		0.8	
			MW-0505-B1-30		0.4	
			MW-0505-B1-31		0.8	Neg.
			MW-0505-B1-32		0.6	
			MW-0505-B1-33		0.4	
			MW-0505-B1-34		0.8	
			MW-0505-B1-35		0.8	
			MW-0505-B1-36		0.4	
			MW-0505-B1-37		0	
			MW-0505-B1-38		0.4	
			MW-0505-B1-39		0.4	
			MW-0505-B1-40		0.8	
						Bentonite-pelletS
						Sand pack
						PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0505-S1**

TOTAL DEPTH: **42.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/13/2005**

DATE COMPLETED: **9/13/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

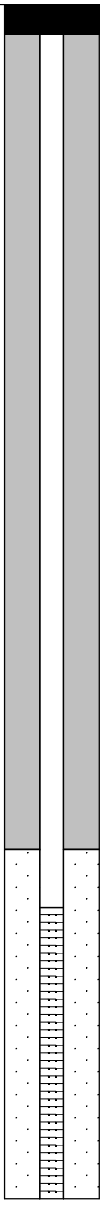
DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913981.2

Easting: 198154.4

Elevation: 825.78

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0505-1L-01		10.2	 Flush Mount PVC Sch 40 Bentonite-pelletS Sand pack PVC Sch 40
		CLAY: Brown silty, sandy, CLAY, nonplastic, non-cohesive, non-sticky, dry, friable	MW-0505-1L-02		0.8	
		CLAY: light olive gray silty sandy CLAY, plastic, cohesive, sticky, moist, rust-colored mottling	MW-0505-1L-03		2.4	
			MW-0505-1L-04		3.1	
		SILT: Dark yellowish brown, clayey SILT, slightly plastic, cohesive, slightly sticky, moist, trace gravel, rust-colored mottling	MW-0505-1L-05		7.6	
			MW-0505-1L-06		11.9	
			MW-0505-1L-07		5.3	
			MW-0505-1L-08		7.6	
			MW-0505-1L-09		5.9	
			MW-0505-1L-10		14.3	
			MW-0505-1L-11		16.8	
		SAND: Gray medium to coarse SAND & GRAVEL, wet sub-rounded, poorly graded	MW-0505-1L-12		17.4	
			MW-0505-1L-13		19.2	
			MW-0505-1L-14		18.9	
			MW-0505-1L-15		21.7	
			MW-0505-1L-16		15.2	
			MW-0505-1L-17		11.9	
			MW-0505-1L-18		10.6	
			MW-0505-1L-19		13.4	
			MW-0505-1L-20	neg	16.8	
		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, firm	MW-0505-1L-21		10.1	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0505-S2**

TOTAL DEPTH: **68.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **10/5/2005**

DATE COMPLETED: **10/5/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913981.2

Easting: 198148.6

Elevation: 825.91

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0505-2L-01			Flush Mount PVC Sch 40 Bent-cement grout
5		CLAY: Brown silty sandy CLAY nonplastic, non-cohesive, non-sticky, dry, friable				
10		CLAY: lt. olive gray silty sandy CLAY, plastic, cohesive, sticky, moist, rust-colored mottling				
15		SILT: Dark yellowish brown clayey SILT, slightly plastic, cohesive, slightly sticky, moist, trace gravel, rust colored mottling				
20						
25		SAND: Gray medium to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded (water @21.5)				
30						
35						
40		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, firm				
45		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, hard, trace gravel	MW-0505-2L-02 MW-0505-2L-03 MW-0505-2L-04 MW-0505-2L-05 MW-0505-2L-06		4.7 6.2 7.3 8.4 10.9	
50			MW-0505-2L-07		11.1	
55		SAND: Gray medium to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded (water @ 50.0-67.0)	MW-0505-2L-08 MW-0505-2L-09 MW-0505-2L-10 MW-0505-2L-11 MW-0505-2L-12 MW-0505-2L-13		12.6 13.2 11.7 10.3 12.1 11.4	
60						Sand pack PVC Sch 40
65		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK	MW-0505-2L-14	neg	8.0	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0506-S1**

TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/29/2005**

DATE COMPLETED: **9/29/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

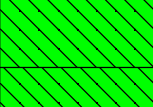
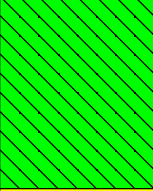
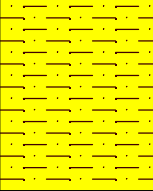
DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913666.3

Easting: 198143.9

Elevation: 827.24

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0506-1U-01		0.2	
		CLAY: Brown silty sandy CLAY, slightly plastic, cohesive, slightly sticky, moist, trace gravel, rust-colored mottling	MW-0506-1U-02		8.0	
			MW-0506-1U-02A		32.9	
			MW-0506-1U-03		18.3	
5		CLAY: Dark yellowish brown silty sandy CLAY, plastic, cohesive, sticky, moist, olive mottling - wet black clayey sand stringer (<1.0") @ 7.0', sl. odor	MW-0506-1U-04	neg	27.6	
			MW-0506-1U-05		11.2	
10		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, firm	MW-0506-1U-06		4.2	
			MW-0506-1U-07		6.7	
			MW-0506-1U-08		5.5	
15		BLANK: BLANK Drill				
20						
25						Sand pack
30						PVC Sch 40
35						



WELL CONSTRUCTION LOG

WELL NO.: **MW-0506-S2**

TOTAL DEPTH: **73.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/28/2005**

DATE COMPLETED: **9/28/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913672.2

Easting: 198143.2

Elevation: 827.51

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0506-3U-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout
			MW-0506-3U-02		7.6	
5		CLAY: Brown silty sandy CLAY, slightly plastic, cohesive, slightly sticky, moist, gray mottling	MW-0506-3U-03A	neg	24.9	
			MW-0506-3U-04	neg	21.4	
10		CLAY: Dark yellowish brown silty sandy CLAY, plastic, cohesive, sticky, moist, trace gravel, rust colored mottling	MW-0506-3U-05		9.6	
			MW-0506-3U-06		7.7	
15		SAND: SAND stringer, wet, no staining, no odor	MW-0506-3U-07		12.8	
			MW-0506-3U-08		3.4	
20		CLAY: Dark yellowish brown silty sandy CLAY, plastic, cohesive, sticky, moist, trace gravel, rust colored mottling- wet clayey SAND stringer @7.0' (<1.0") gray, sl. odor	MW-0506-3U-09		7.6	
			MW-0506-3U-10		8.1	
25		SILT: gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel	MW-0506-3U-11		5.3	
			MW-0506-3U-12		7.0	
30		SAND: Gray med. to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded (water @ 25 - 34')	MW-0506-3U-13		9.8	
			MW-0506-3U-14		5.2	
35		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, slightly moist, very hard	MW-0506-3U-15		4.3	
			MW-0506-3U-16		3.1	
40			MW-0506-3U-17	neg	2.2	
			MW-0506-3U-18		2.6	
45		SAND: Gray medium to coarse SAND & GRAVEL, wet (Water @ 43.5 - 48')	MW-0506-3U-19		1.9	
			MW-0506-3U-20		3.5	
50		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, slightly moist, hard, trace gravel	MW-0506-3U-21		7.7	
			MW-0506-3U-22		10.4	
55			MW-0506-3U-23		20.6	
			MW-0506-3U-24	neg	14.3	
60			MW-0506-3U-25		7.6	
			MW-0506-3U-26		5.3	
65		SAND: Gray med. to coarse SAND & GRAVEL, wet (Water @63.0-68.0')	MW-0506-3U-27		2.1	
			MW-0506-3U-28		1.8	
70		WEATHERED BEDROCK: Limestone	MW-0506-3U-29		0.9	
		WEATHERED BEDROCK	MW-0506-3U-30		0.0	
			MW-0506-3U-31		0.0	
			MW-0506-3U-32		11.1	Sand pack PVC Sch 40
			MW-0506-3U-33		13.1	
			MW-0506-3U-34	neg	12.9	
			MW-0506-3U-35		3.2	
			MW-0506-3U-36		6.9	
			MW-0506-3U-37	neg	8.1	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0507-S1**

TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **10/7/2005**

DATE COMPLETED: **10/7/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913657.2

Easting: 198022.5

Elevation: 827.59

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: Fill	MW-0507-1L-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout
		CLAY: dark yellowish brown silty sandy CLAY, very plastic cohesive, sticky, moist, olive and gray mottling; sand stringer @ 4.5' and 10.0', wet, both <2.0" thick	MW-0507-1L-02		0.8	
5			MW-0507-1L-03	neg	2.4	
			MW-0507-1L-04		5.6	
			MW-0507-1L-05		17.4	
10			MW-0507-1L-06	neg	16.2	
		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, trace gravel hard	MW-0507-1L-07		5.6	
15			MW-0507-1L-08	neg	17.8	
		SAND: dark yellowish brown medium to coarse SAND with gravel, wet	MW-0507-1L-09		14.3	
		SILT: gray clayey SILT, nonplastic cohesive, nonsticky, moist, trace gravel, hard	MW-0507-1L-10		6.1	
20		SAND: wet SAND stringer	MW-0507-1L-11		3.4	
		SILT: gray clayey SILT, nonplastic cohesive, nonsticky, moist, trace gravel, hard	MW-0507-1L-12		2.7	
25			MW-0507-1L-13		11.4	
		SAND: gray medium to coarse SAND and gravel, wet, water @ 24.0-33.0	MW-0507-1L-14		14.6	
			MW-0507-1L-15		12.8	
30			MW-0507-1L-16		15.1	
			MW-0507-1L-17	neg	10.7	
35		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, trace gravel, hard	MW-0507-1L-18		5.2	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0509-I2**

TOTAL DEPTH: **55.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **10/4/2005**

DATE COMPLETED: **10/4/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1914305

Easting: 198151.5

Elevation: 826.58

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		BLANK: BLANK Drill to set outer Casing	MW-0509-2U-01			Flush Mount PVC Sch 40 Bent-cement grout
5						
10						
15						
20						
25						
30						
35						
40		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, hard	MW-0509-2U-02		5.6	
			MW-0509-2U-03		4.8	
			MW-0509-2U-04		6.3	
			MW-0509-2U-05		11.1	
45		SAND: Gray med. to coarse SAND w/ gravel, wet, poorly graded, sub-rounded, cyclic sands throughout, (clayey sand to gravel to clayey sand; all saturated) (water @ 45.0 - 54.0')	MW-0509-2U-06		10.2	
			MW-0509-2U-07		9.6	
			MW-0509-2U-08		13.4	
			MW-0509-2U-09		15.6	
		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, hard	MW-0509-2U-10	neg	10.2	Sand pack PVC Sch 40
55						



WELL CONSTRUCTION LOG

WELL NO.: **MW-0509-S1**

TOTAL DEPTH: **38.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **9/13/2005**

DATE COMPLETED: **9/13/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1914305.3

Easting: 198158.1

Elevation: 826.63

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0509-1L-01		20.8	Flush Mount
		CLAY: Brown silty sandy CLAY, non-plastic, non-cohesive, non-sticky, dry, friable, trace gravel, color change to lt. olive gray and more moisture @ 3.0'	MW-0509-1L-02		1.8	PVC Sch 40
			MW-0509-1L-03		0.0	Bentonite-pelletS
5		SAND: Dark yellowish brown, clayey SAND, non-plastic, slightly cohesive, non-sticky, moist, very moist @ 5.5' w/ gray mottling	MW-0509-1L-04	neg	0.0	
		CLAY: dark yellowish brown, silty sandy CLAY, very plastic, cohesive, sticky, moist, gray mottling	MW-0509-1L-05		0.8	
10		SAND: Dark yellowish brown fine to medium SAND, wet poorly graded, sub-rounded	MW-0509-1L-06		2.6	
		CLAY: Dark yellowish brown, silty sandy CLAY, very plastic, cohesive, sticky, moist, gray mottling	MW-0509-1L-07		1.6	
15		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, firm	MW-0509-1L-08		2.9	
			MW-0509-1L-09		3.2	
			MW-0509-1L-10		3.9	
20			MW-0509-1L-11		4.1	
		SAND: Gray med. to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded (water @ 21.5)	MW-0509-1L-12		2.1	
25			MW-0509-1L-13		8.5	
			MW-0509-1L-14		3.9	Sand pack
30			MW-0509-1L-15		4.6	PVC Sch 40
			MW-0509-1L-16		7.2	
			MW-0509-1L-17		12.6	
35			MW-0509-1L-18		9.7	
		SILT: SILT	MW-0509-1L-19	neg	10.4	



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0516-S1**

TOTAL DEPTH: **33.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, IN**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/6/2005**
DATE COMPLETED: **10/6/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Kevin Smith**
DRILLING METHOD: **Roto-Sonic**
COORDINATES:
Northing: 1913886.8
Easting: 197796.7
Elevation: 828.29

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0516-2L-01		 Flush Mount PVC Sch 40 Bent-cement grout
5		CLAY: dark brown silty sandy CLAY, slightly plastic, slightly cohesive, slightly sticky, moist, trace gravel, gray mottling			
10		CLAY: dark yellowish brown silty sandy CLAY, very plastic, cohesive, sticky, moist			
15		SAND: dark yellowish brown medium to coarse SAND and gravel, wet, subrounded, poorly graded, water @ 11.0-12.5'			
20		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, trace gravel, hard			
25		SAND: gray medium to coarse SAND and gravel, wet, water @ 22.0-32.0'			
30		SILT: gray clayey SILT, nonplastic, cohesive, nonsticky, moist, trace gravel, hard			Sand pack PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0516-S2**

TOTAL DEPTH: **70.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **10/5/2005**

DATE COMPLETED: **10/5/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Roto-Sonic**

COORDINATES:

Northing: 1913879.9

Easting: 197799.8

Elevation: 828.36

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0516-3L-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout
			MW-0516-3L-02		0.1	
			MW-0516-3L-03		2.3	
5		CLAY: Dark brown silty sandy CLAY, sl. plastic, sl. cohesive, sl. sticky, moist, trace gravel, gray mottling	MW-0516-3L-04		4.6	
			MW-0516-3L-05		5.5	
			MW-0516-3L-06	neg	17.9	
10		CLAY: dark yellowish brown silty sandy CLAY, very plastic, cohesive, sticky, moist	MW-0516-3L-07		5.1	
			MW-0516-3L-08		7.2	
			MW-0516-3L-09		4.6	
15		SAND: Dark Yellowish brown med. to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded (water @ 11.0 - 12.5')	MW-0516-3L-10		8.3	
			MW-0516-3L-11		9.7	
			MW-0516-3L-12		18.6	
20		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, hard	MW-0516-3L-13		21.2	
			MW-0516-3L-14		19.7	
			MW-0516-3L-15		19.8	
25		SAND: gray med. to coarse SAND & GRAVEL, wet (water @ 22.0 - 32.0')	MW-0516-3L-16	neg	20.6	
			MW-0516-3L-17		0.7	
			MW-0516-3L-18		2.4	
30			MW-0516-3L-19		1.1	
			MW-0516-3L-20		0.5	
			MW-0516-3L-21		0.7	
35		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, moist, trace gravel, hard	MW-0516-3L-22		1.8	
			MW-0516-3L-23		3.6	
			MW-0516-3L-24		2.0	
40			MW-0516-3L-25		2.1	
			MW-0516-3L-26		4.2	
			MW-0516-3L-27		5.8	
45			MW-0516-3L-28		14.4	
			MW-0516-3L-29		12.3	
			MW-0516-3L-30		15.1	
50			MW-0516-3L-31		14.6	
			MW-0516-3L-32	neg	7.2	
			MW-0516-3L-33		8.7	
55		SAND: Gray med. to coarse SAND & GRAVEL, wet (water @ 54.0 - 67.0')				Sand pack PVC Sch 40
60						
65						
70		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK.				



WELL CONSTRUCTION LOG

WELL NO.: **MW-0517-S1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **9/15/2005**
 DATE COMPLETED: **9/15/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **Randy Radke**
 DRILLING METHOD: **Hollow Stem Auger**
COORDINATES:
Northing: 1913882.3
Easting: 198044.1
Elevation: 826.77

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0517-1L-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout Bentonite-pelletS
		CLAY: Brown silty sandy CLAY, non-plastic, non-cohesive, non-sticky, dry, friable	MW-0517-1L-02		0.7	
		CLAY: Dark brown silty sandy CLAY, plastic, cohesive, sticky, moist, rust-colored mottling, trace gravel	MW-0517-1L-03		8.1	
5		SAND: lt. yellowish brown clayey SAND, sl. plastic, sl. cohesive, slightly sticky, wet	MW-0517-1L-04	neg	2.4	Sand pack PVC Sch 40
		SILT: dark yellowish brown clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, rust colored mottling 7.0-7.5', Color change @12.0'	MW-0517-1L-05		7.6	
10			MW-0517-1L-06		5.5	
			MW-0517-1L-07		9.7	
15			MW-0517-1L-08		1462	
		SAND: Gray med to coarse SAND and GRAVEL, wet, sub-rounded, poorly sorted (water @ 17.5' - 29.5')	MW-0517-1L-10		18.7	
20			MW-0517-1L-11		19.1	
			MW-0517-1L-12		27.6	
25			MW-0517-1L-13		21.4	
			MW-0517-1L-14		10.9	
30		SILT: Gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, very firm	MW-0517-1L-15	neg	11.0	



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0602-B1**

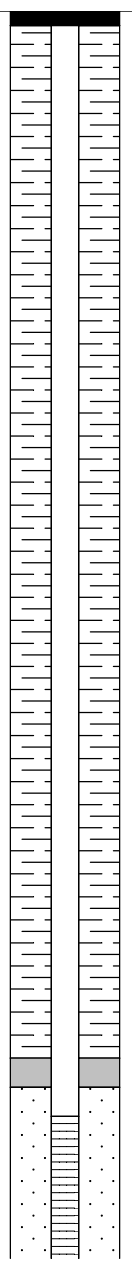
TOTAL DEPTH: **86.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, IN**
LOGGED BY: **M. Griles**
DATE STARTED: **3/15/2006 9:51:00 AM**
DATE COMPLETED: **3/15/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jason Drabek**
DRILLING METHOD: **Mini-Sonic**
COORDINATES:
Northings: 1913369.5
Easting: 198214.3
Elevation: 825.81

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: Black Top/CEMENT/Gravel Fill	MW-0602-B1-01	4.0	Flush Mount PVC Sch 40 Bent-cement grout
5		CLAY: DK Brown 10YR 3/3 compact CLAY w/ trace gravel and pebbles, orangish mottling, sl plastic, cohesive	MW-0602-B1-02	3.7	
10		CLAY: 10 YR 5/6 Yellowish brown plastic, pliable CLAY with trace pebbles, gravel, sand, and gray mottling from 11.5-12.5' interval of increased gray sand count, intermixing with 2" stringer @ 12.25', very moist	MW-0602-B1-03	7.1	
15		CLAY: 10 YR 3/1 competent, cohesive, silty, sand CLAY TILL, w/ trace gravel, pebbles (subrounded), non-plastic, hard	MW-0602-B1-04	1.2	
20		SAND: 10 YR 4/3 Brown SAND, saturated/very moist well sorted/poorly graded, fine-med grained	MW-0602-B1-05	3.2	
25		CLAY: 10 YR 3/1 competent, cohesive, silty sand CLAY TILL w/ trace gravel, pebbles (subrounded) 18.5-19.5 interval of dry and friable then back to competent and cohesive	MW-0602-B1-06	1.7	
30		SAND: 10 YR 6/2 grayish brown/brownish gray SAND well sorted, and poorly graded @ start of interval then increasingly more graded and poorly sorted w/ an increase in coarse sands, large rounded cobbles in sample SATURATED	MW-0602-B1-07	1.1	
35		CLAY: 10 YR 3/1 competent, cohesive, silty, sand CLAY TILL w/ trace gravel, pebbles, (subrounded), compact, hard continues until 63', from 63'-64' med gravel saturated/v moist sand, 64'-65' interfingering of sand + till w/ large gravels + lime mud lenses/laminae	MW-0602-B1-08	1.4	
40		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK and dolomite w/ lime mud matrix, v. moist at times and dry and powdered at others (71), from 71-76 hard dark recrystallized bands and likely water bearing unit extends to EOB at 86', rock competent, gray w/ bands of white	MW-0602-B1-09	1.5	
45		BEDROCK: 71-76 hard dark recrystallized bands and likely water bearing unit extends to EOB at 86', rock competent, gray w/ bands of white	MW-0602-B1-10	1.0	
50			MW-0602-B1-11	2.5	
55			MW-0602-B1-12	2.9	
60			MW-0602-B1-13	3.5	
65			MW-0602-B1-14	1.5	
70			MW-0602-B1-15	2.1	
75			MW-0602-B1-16	2.7	
80			MW-0602-B1-17	0.6	
85			MW-0602-B1-18	0.7	
			MW-0602-B1-19	0.8	
			MW-0602-B1-20	0.2	
			MW-0602-B1-21	0.7	
			MW-0602-B1-22	1.0	
			MW-0602-B1-23	0.5	
			MW-0602-B1-24	1.8	
			MW-0602-B1-25	1.5	
			MW-0602-B1-26	1.7	
			MW-0602-B1-27	1.8	
			MW-0602-B1-28	4.1	
			MW-0602-B1-29	2.1	
			MW-0602-B1-30	1.8	
			MW-0602-B1-31	1.2	
			MW-0602-B1-32	2.1	
			MW-0602-B1-33	1.3	
			MW-0602-B1-34	1.4	
			MW-0602-B1-35	2.8	
			MW-0602-B1-36	1.0	
					Bentonite-pellets Sand pack PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0602-S1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/9/2006 11:10:00 AM**

DATE COMPLETED: **2/9/2006 2:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Geoprobe / Hollow Stem Auger**

COORDINATES:

Northing: 1913377.5

Easting: 198214.8

Elevation: 825.70

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT	MW-0602-S1-01	0.0	PVC Sch 40
		GRAVEL: Mix GRAVEL, clay, sand.	MW-0602-S1-02	0.0	Bentonite-pellets
		SANDY CLAY: Brown SANDY CLAY, trace gravel, soft, v. moist, plastic, Sticky.	MW-0602-S1-03	0.0	
5		CLAY: Brown-gray mottled, silty sandy CLAY, trace gravel, firm plastic, slightly sticky Moist & v. Moist.	MW-0602-S1-04	0.0	
			MW-0602-S1-05	0.0	
10		SILTY CLAY: Brown-gray SILTY CLAY, trace gravel, moist, firm, plastic, not sticky.	MW-0602-S1-06	0.0	
			MW-0602-S1-07	0.0	
			MW-0602-S1-08	0.0	
15		SAND: Brown SAND-gravel mix, wet, trace clay.	MW-0602-S1-09	0.0	
		CLAY: Gray brown silty sandy CLAY, trace gravel, Moist, firm, not plastic, not sticky.	MW-0602-S1-10	0.0	Sand pack
20		SAND: Brown SAND, silt, gravel, wet.	MW-0602-S1-11	0.0	PVC Sch 40
			MW-0602-S1-12	0.0	
		SAND: Brown silty SAND, wet intermittent.	MW-0602-S1-13	0.0	
25			MW-0602-S1-14	0.0	
		SILTY CLAY: Gray SILTY CLAY, trace gravel, Moist, not plastic, firm, not sticky.	MW-0602-S1-15	0.0	
30					



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0603-B1**

TOTAL DEPTH: **85.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **3/20/2006**

DATE COMPLETED: **3/20/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jason Drabek**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913422.6

Easting: 197972.1

Elevation: 826.36

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL/brick/cinders/fill	MW-0603-B1-01	1.8	PVC Sch 40 Bent-cement grout
5		CLAY: 10 YR 5/6 yellowish brown plastic, pliable CLAY w/ tr. pebbles and gravel (subrounded), gray mottling increased sand content from 11.5-12.0 @15.5 3" of color change to gray clay, then back to brown, but w/ increased sand count until interval end @ 17'	MW-0603-B1-02	1.6	
			MW-0603-B1-03	1.4	
			MW-0603-B1-04	2.2	
			MW-0603-B1-05	2.9	
			MW-0603-B1-06	1.7	
10			MW-0603-B1-07	2.8	
15			MW-0603-B1-08	2.8	
		SAND: 10 YR 4/3 Brown SAND, poorly sorted, well graded w/ Large cobbles @ interval change (top) subrounded gravel, saturated	MW-0603-B1-09	0.6	
20			MW-0603-B1-10	3.0	
		SAND: 10 YR 6/2 brownish gray SAND well sorted, poorly graded, med grained sand	MW-0603-B1-11	1.9	
25			MW-0603-B1-12	1.7	
			MW-0603-B1-13	1.9	
			MW-0603-B1-14	0.8	
30			MW-0603-B1-15	1.2	
			MW-0603-B1-16	3.3	
35		CLAY: 10 YR 2/1 Gray CLAY TILL, compact cohesive, competent w/ trace gravel and pebbles (rounded), non-plastic, 2" saturated gray sand, fine grained, poorly graded @ 20.5	MW-0603-B1-17	1.1	
40			MW-0603-B1-18	1.9	
			MW-0603-B1-19	1.2	
45			MW-0603-B1-20	1.5	
			MW-0603-B1-21	2.1	
50			MW-0603-B1-22	0.8	
			MW-0603-B1-23	2.2	
55			MW-0603-B1-24	1.9	
			MW-0603-B1-25	2.8	
60			MW-0603-B1-26	2.2	
			MW-0603-B1-27	2.0	
65			MW-0603-B1-28	4.1	
			MW-0603-B1-29	3.8	
			MW-0603-B1-30	2.8	
70		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK w/ lime mud matrix, very weathered and saturated @ 65-68, 68-69 increased compact matrix and 'brighter' white mud cement.			Bentonite-pellets Sand pack PVC Sch 40
75		BEDROCK: 69-72 competent BEDROCK, 72-83' vuggy, oxidized material, 83-85 competent.			
80					
85					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0603-S1**

TOTAL DEPTH: **26.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/10/2006 9:10:00 AM**

DATE COMPLETED: **2/10/2006 1:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **William Condin**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913431.6

Easting: 197967.3

Elevation: 826.37

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT	MW-0603-S1-01		0.0	PVC Sch 40
		FILL: FILL below asphalt.				
		CLAY: Black sandy silty CLAY, trace gravel, Moist, slightly firm, plastic, sticky.	MW-0603-S1-02		0.0	Bentonite-pelletS
		CLAY: Brown-gray mottling, silty sandy CLAY, trace gravel, firm, plastic, slightly sticky.	MW-0603-S1-03		0.0	
5		SANDY CLAY: Brown-beige, SANDY CLAY, moist-very moist, trace gravel, soft, plastic, sticky.	MW-0603-S1-04		0.0	
			MW-0603-S1-05		0.0	
		CLAY: Brown -beige, silty sandy CLAY, trace gravel, moist, firm, plastic, not sticky.	MW-0603-S1-06		0.0	
10		SANDY CLAY: brown-beige, SANDY CLAY, soft, very moist-wet, plastic, sticky.	MW-0603-S1-07		0.0	
		CLAY: Brown-gray silty sandy CLAY, firm, moist, trace gravel, not plastic, not sticky.	MW-0603-S1-08		0.0	Sand pack
15		SAND: Brown silty SAND, wet, trace gravel, silt content increasing @~18'. ~1" black staining at 19'. Sudan IV test - negative. Sandy silt at 21', trace gravel ~ to 23'.	MW-0603-S1-09		0.0	PVC Sch 40
			MW-0603-S1-10	neg	1.3	
20			MW-0603-S1-11		0.0	
			MW-0603-S1-12		0.0	
			MW-0603-S1-13		0.0	
25		SILT: Sandy SILT 25-26'.				



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0603-S2**

TOTAL DEPTH: **70.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **3/20/2006**

DATE COMPLETED: **3/21/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jason Drabek**

DRILLING METHOD: **Mini-Sonic**

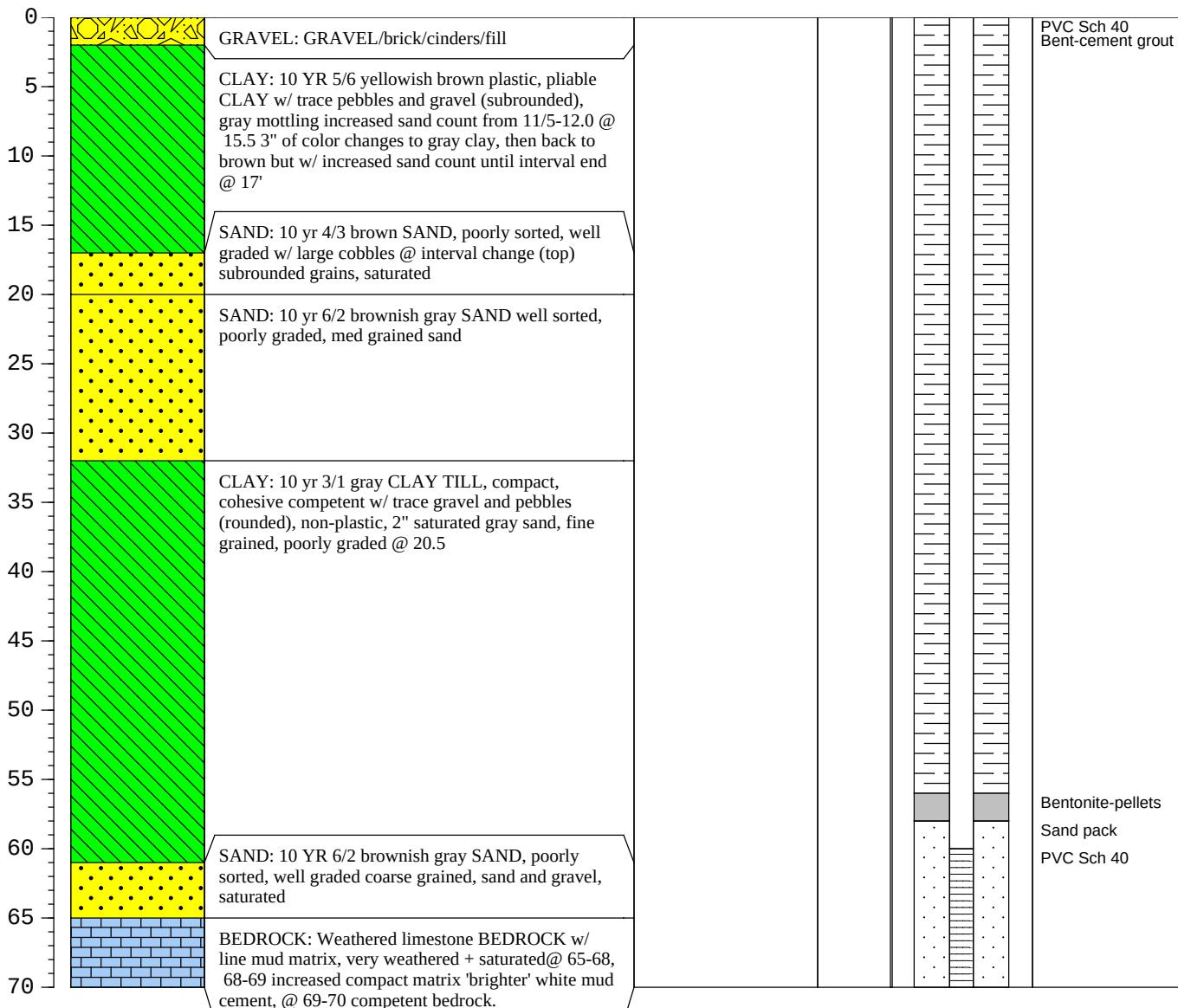
COORDINATES:

Northing: 1913425.9

Easting: 197970.3

Elevation: 826.38

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS





ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0604-S1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **2/3/2006 10:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Split Spoon**

COORDINATES:

Northing: 1913820.2

Easting: 198051

Elevation: 826.68

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0604-S1-01	0.0	PVC Sch 40 Bent-cement grout
		CLAY: 10YR 5/3 light yellowish brown CLAY till, w/ rust & gray mottling, plastic, pliable, 2" moist zone @ 5', increased sands in the clay, moist @ 8' (8-10 interval was wet).	MW-0604-S1-02	0.4	
			MW-0604-S1-03	6.3	
			MW-0604-S1-04	2.3	
			MW-0604-S1-05	1.3	
			MW-0604-S1-06	1.2	
			MW-0604-S1-07	1.0	
		CLAY: 10YR 3/1 gray CLAY till, silty sandy tr. pebbles and gravel, non-plastic, competent, cohesive, (refusal 15-16') sand stringer @ 14.5', 2" sand stringer (wet) at 17.5'.	MW-0604-S1-08	6.3	
			MW-0604-S1-09	11.2	
			MW-0604-S1-10	116	
		SAND: 10YR poorly sorted, well-graded, coarse grained SAND & gravel	MW-0604-S1-11	48.2	Sand pack
			MW-0604-S1-12	49.9	PVC Sch 40
			MW-0604-S1-13	6.5	
			MW-0604-S1-14	3.3	
			MW-0604-S1-15	2.0	
30					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0604-S2**

TOTAL DEPTH: **62.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **3/17/2006**
 DATE COMPLETED: **3/17/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **Jason Drabek**
 DRILLING METHOD: **Mini-Sonic**
COORDINATES:
Northing: 1913816.8
Easting: 198054.4
Elevation: 826.74

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0604-S2-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout
			MW-0604-S2-02		0.0	
			MW-0604-S2-03		0.6	
5		SANDY CLAY: Dark yellowish brown silty SANDY CLAY, plastic, cohesive, sticky, trace gravel, orange and gray mottling, moist, soft	MW-0604-S2-04		1.2	
			MW-0604-S2-05		0.8	
10		SANDY CLAY: Lt. grayish brown silty SANDY CLAY, plastic, cohesive, sticky, trace gravel, rust colored mottling, moist, firm	MW-0604-S2-06		0.6	
			MW-0604-S2-07		2.4	
15		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, hard, trace gravel, rust colored mottling, moist, firm	MW-0604-S2-08	neg	3.2	
			MW-0604-S2-09	neg	10.2	
20		SAND: Gray med to coarse SAND and gravel, well-graded, sub-angular, wet.	MW-0604-S2-10		12.6	
			MW-0604-S2-11		14.1	
25		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, hard, trace gravel, slightly moist	MW-0604-S2-12		13.7	
			MW-0604-S2-13		12.4	
30		SAND: Lt grayish brown fine to medium SAND, wet	MW-0604-S2-14		21.5	
			MW-0604-S2-15	neg	18.3	
35		SAND: Lt gray med to coarse SAND and gravel, wet.	MW-0604-S2-16		28.9	
			MW-0604-S2-17		32.6	
40			MW-0604-S2-18		21.4	
			MW-0604-S2-19		31.6	
45			MW-0604-S2-20		16.8	
			MW-0604-S2-21		15.3	
50			MW-0604-S2-22		17.6	
			MW-0604-S2-23		19.1	
55			MW-0604-S2-24		18.2	Sand pack PVC Sch 40
			MW-0604-S2-25		17.4	
			MW-0604-S2-26		27.6	
			MW-0604-S2-27	neg	41.0	
			MW-0604-S2-28	neg	31.6	
60		BLANK: BLANK; End of boring, drilled to 62.0' to install well				



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0605-B1**

TOTAL DEPTH: **90.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED:

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Sonic Rig**

COORDINATES:

Northing: 1914058.5

Easting: 197906.1

Elevation: 827.81

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0605-B1-01	1.0	PVC Sch 40 Bent-cement grout
5		CLAY: Light yellowish brown, plastic pliable CLAY, with gray and oranges, mottling, trace gravel and pebbles, less plasticity from 7.5-10.5	MW-0605-B1-02	2.0	
10		CLAY: 10YR 3/1 Dark gray, CLAY till, trace subrounded gravel and pebbles, dry @ 12.5, wet interval of well sorted fine gray sand 15-16'	MW-0605-B1-03	3.8	
15			MW-0605-B1-04	3.1	
20			MW-0605-B1-05	3.7	
25			MW-0605-B1-06	2.0	
30			MW-0605-B1-07	2.8	
35			MW-0605-B1-08	1.6	
40			MW-0605-B1-09	4.4	
45			MW-0605-B1-10	3.6	
50			MW-0605-B1-11	2.4	
55			MW-0605-B1-12	2.6	
60			MW-0605-B1-13	5.7	
65			MW-0605-B1-14	10.0	
70			MW-0605-B1-15	12.8	
75			MW-0605-B1-16	2.3	
80			MW-0605-B1-17	2.5	
85			MW-0605-B1-18	2.3	
90			MW-0605-B1-19	2.1	
			MW-0605-B1-20	3.7	
			MW-0605-B1-21	3.7	
			MW-0605-B1-22	4.3	
			MW-0605-B1-23	4.2	
			MW-0605-B1-24	3.6	
			MW-0605-B1-25	2.8	
			MW-0605-B1-26	4.1	
			MW-0605-B1-27	2.8	
			MW-0605-B1-28	3.4	
			MW-0605-B1-29	2.3	
			MW-0605-B1-30	3.1	
			MW-0605-B1-31	2.8	
			MW-0605-B1-32	2.6	
			MW-0605-B1-33	3.5	
			MW-0605-B1-34	2.2	
			MW-0605-B1-35	2.6	
			MW-0605-B1-36	2.2	
			MW-0605-B1-37	BEDROCK	
			MW-0605-B1-38	BEDROCK	
		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK continues to 74 before shoring up to competent rock, sample is dry crushed limestone (hockey pucks). 80-83: sample is saturated with lime mud.			Bentonite-pellets Sand pack PVC Sch 40
		BEDROCK: Competent, crystalline, fossiliferous limestone BEDROCK; 83-85: very textured, oxidized, fractured limestone; 85-90: Competent crystalline limestone.			



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0605-S1**

TOTAL DEPTH: **34.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **2/2/2006 11:20:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1914063.6

Easting: 197911.4

Elevation: 827.91

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0605-S1-01	0.8	PVC Sch 40 Bent-cement grout Sand pack PVC Sch 40
		CLAY: 10YR 5/3 light yellowish brown silty sandy CLAY, till, pliable plastic w/ mixed gravels and sand. Orange/rust and gray colored mottling, increased moisture @ 8.5' and 10' increased silt/sand allowing for v. moist 2-3"	MW-0605-S1-02	1.9	
			MW-0605-S1-03	1.6	
			MW-0605-S1-04	5.1	
			MW-0605-S1-05	2.7	
			MW-0605-S1-06	1.5	
		CLAY: 10YR 3/1 competent cohesive silty sandy CLAY till. Hard w/ tr. gravel, sand & pebbles @ 14.5', 2" of saturated gray sand (wet), back to competent clay till @ 16', 1" saturated gray sand lens, @17.75' a saturated sand lens = 2", a 1" sand @ 18.5' saturated	MW-0605-S1-07	2.2	
			MW-0605-S1-08	1.9	
			MW-0605-S1-09	2.3	
			MW-0605-S1-10	3.6	
			MW-0605-S1-11	4.7	
		SAND: 10YR poorly sorted, well graded coarse grained SAND w/ gravel & pebbles (saturated), product/staining (no odor) starting @ 22-24' interval	MW-0605-S1-12	10.9	
			MW-0605-S1-13	4.8	
			MW-0605-S1-14	6.5	
			MW-0605-S1-15	6.8	
			MW-0605-S1-16	5.6	
			MW-0605-S1-17	3.4	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0605-S2**

TOTAL DEPTH: **62.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tim Yates**

DATE STARTED: **3/17/2006**

DATE COMPLETED: **3/18/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Randy Radke**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914068.3

Easting: 197917.2

Elevation: 827.84

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0605-S2-01		0.0	Flush Mount PVC Sch 40 Bent-cement grout
			MW-0605-S2-02		0.0	
5		SANDY CLAY: Dark yellowish brown silty SANDY CLAY, plastic, cohesive, sticky, rust colored and gray mottling, moist trace gravel	MW-0605-S2-03		0.1	
			MW-0605-S2-04		0.0	
10		SILT: Dark Gray clayey SILT, nonplastic, cohesive, non-sticky, trace gravel, dry, very hard.	MW-0605-S2-05		0.6	
			MW-0605-S2-06		8.2	
15			MW-0605-S2-07		10.7	
			MW-0605-S2-08		7.6	
			MW-0605-S2-09		4.3	
20		SAND: Gray med to coarse SAND and gravel, well-graded, sub-angular, wet.	MW-0605-S2-10		12.9	
			MW-0605-S2-11		15.7	
25			MW-0605-S2-12	neg	17.6	
			MW-0605-S2-13		25.9	
			MW-0605-S2-14		22.1	
30			MW-0605-S2-15		19.4	
			MW-0605-S2-16		21.3	
			MW-0605-S2-17		24.6	
35			MW-0605-S2-18		27.3	
			MW-0605-S2-19		26.1	
40		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, trace gravel, dry, firm	MW-0605-S2-20		28.9	
			MW-0605-S2-21		32.6	
45			MW-0605-S2-22		41.7	
			MW-0605-S2-23		22.3	
			MW-0605-S2-24	neg	40.4	
50		SAND: Gray med to coarse SAND and gravel, wet.	MW-0605-S2-25		10.2	
			MW-0605-S2-26	neg	2.6	
			MW-0605-S2-27	neg	7.8	
55			MW-0605-S2-28		12.4	
			MW-0605-S2-29		15.6	
60		BLANK: BLANK; EOB drilled to 62.0' to install well	MW-0605-S2-30		20.7	
			MW-0605-S2-31	neg	30.1	



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0606-S1**

TOTAL DEPTH: **32.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/7/2006**

DATE COMPLETED: **2/7/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913992.3

Easting: 198372.7

Elevation: 824.26

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL, clay, concrete debris - mix, moist.	MW-0606-S1-01	0.3	PVC Sch 40 Bent-cement grout
		CLAY: Black-brown silty sandy CLAY, firm moist, plastic, slightly sticky, trace gravel.	MW-0606-S1-02	0.9	
		CLAY: Gray silty CLAY, moist (brown-orange mottling), slightly plastic, not sticky, trace gravel.	MW-0606-S1-03	3.8	
		CLAY: Med brown-beige, silty sandy CLAY, trace gravel, moist, firm, plastic, slightly sticky.	MW-0606-S1-04	0.5	
		BLANK: Rock in bottom of split spoon barrel, auger trash, very moist-wet.	MW-0606-S1-05		
10		CLAY: Brown-gray, silty sandy CLAY, tr. gravel, slightly firm, very moist, plastic, sticky.	MW-0606-S1-06	0.2	Sand pack PVC Sch 40
		SAND: Brown-gray silty clayey SAND stringer, trace gravel, very moist, wet.	MW-0606-S1-07	0.5	
		CLAY: Brown-gray silty sandy CLAY, trace gravel, moist, not plastic, not sticky, firm.	MW-0606-S1-08	2.2	
		SAND: Wet SAND stringer.	MW-0606-S1-09	0.6	
		CLAY: Brown-gray sandy silty CLAY, tr. gravel, moist, not plastic, not sticky, firm	MW-0606-S1-10	0.3	
20			MW-0606-S1-11	6.1	
			MW-0606-S1-12	5.0	
		SAND: Brown med-fine grained silty SAND, trace gravel, wet.	MW-0606-S1-13	5.9	
25			MW-0606-S1-14	2.6	
			MW-0606-S1-15	2.4	
30			MW-0606-S1-16	2.0	
		SILT: Gray SILT, firm, wet.			



WELL CONSTRUCTION LOG

WELL NO.: **MW-0606-S2**

TOTAL DEPTH: **67.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M .Griles**

DATE STARTED:

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913983.3

Easting: 198372.4

Elevation: 824.27

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0606-S2-01		2.9	PVC Sch 40 Bent-cement grout
			MW-0606-S2-02		4.0	
		CLAY: V dark brown, silty sand CLAY, plastic, pliable	MW-0606-S2-03		4.7	
			MW-0606-S2-04		4.7	
		CLAY: light yellowish/orange brown CLAY, plastic pliable with trace sand, gravel and pebbles, orange and gray mottling less plasticity, increased competency from 7.5-12'	MW-0606-S2-05		5.1	
			MW-0606-S2-06		3.5	
			MW-0606-S2-07		3.7	
		CLAY: 10 YR 3/1 gray CLAY till, cohesive, competent, slightly plastic @ around interval change, increased competency, nonplastic through rest of lithologic interval with a 6" sand stringer (15-15.5) of well sorted poorly graded fine grained gray moist sand	MW-0606-S2-08		4.6	
			MW-0606-S2-09		5.0	
			MW-0606-S2-10		4.1	
			MW-0606-S2-11		3.8	
		CLAY: gray CLAY till becomes dry and friable	MW-0606-S2-12		39.3	
		CLAY: return to gray moist non-plastic CLAY till	MW-0606-S2-13		15.2	Sand pack PVC Sch 40
			MW-0606-S2-14		21.7	
		SAND: Gray SAND, saturated, poorly sorted, well graded, subrounded gravels and pebbles continues with intervals of alternating fine and well sorted to gravely pebble rich sands; from 33-40.5 interval of fine sands, well sorted/poorly graded.	MW-0606-S2-15		15.3	
			MW-0606-S2-16		11.4	
			MW-0606-S2-17		13.2	
			MW-0606-S2-18		23.7	
			MW-0606-S2-19		22.9	
			MW-0606-S2-20		37.7	
			MW-0606-S2-21		7.9	
		CLAY: 10YR 3/1 gray CLAY till, silty sandy competent, non-plastic	MW-0606-S2-22		4.1	
			MW-0606-S2-23		5.5	
			MW-0606-S2-24		4.4	
			MW-0606-S2-25		2.8	
		SAND: Brownish gray, well sorted, poorly graded fine SANDS	MW-0606-S2-26		1.5	
			MW-0606-S2-27		6.5	
			MW-0606-S2-28		7.3	
			MW-0606-S2-29		6.4	
			MW-0606-S2-30		5.0	
			MW-0606-S2-31			
		WEATHERED BEDROCK: Limestone WEATHERED BEDROCK.	MW-0606-S2-32	neg		



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0607-S1**

TOTAL DEPTH: **28.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/9/2006 8:45:00 AM**

DATE COMPLETED: **2/9/2006 1:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Hollow Stem Auger**

COORDINATES:

Northing: 1913815.7

Easting: 198685.3

Elevation: 823.14

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL	MW-0607-S1-01	0.0	PVC Sch 40
		SILTY CLAY: Black-brown SILTY CLAY, firm, Moist, plastic, slightly sticky.	MW-0607-S1-02	0.0	Bentonite-pellets
		CLAY: Beige-brown silty sandy CLAY, slightly firm, plastic, slightly sticky moist, cohesive.	MW-0607-S1-03	0.0	
		SAND: Brown-clayey SAND, sandy clay, wet, sticky.	MW-0607-S1-04	0.0	
		CLAY: Brown sandy silty CLAY, firm, trace gravel, Moist, slightly plastic, not sticky.	MW-0607-S1-05	0.0	
		CLAY: Gray-brown silty CLAY, firm, very moist, trace gravel, non-plastic, slightly sticky.	MW-0607-S1-06	0.0	
		CLAY: Gray-brown silty CLAY, firm, Moist, trace gravel, not plastic, not sticky, cohesive.	MW-0607-S1-07	0.4	
		GRAVEL: Brown GRAVEL & silt, sand, wet, sticky.	MW-0607-S1-08	0.2	
		CLAY: Gray silty CLAY, trace gravel, firm, not plastic, not sticky (outside wet in spots).	MW-0607-S1-09	1.2	Sand pack
		GRAVEL: Gray-brown silty GRAVEL & sand, wet.	MW-0607-S1-10	1.6	PVC Sch 40
			MW-0607-S1-11	0.7	
			MW-0607-S1-12	0.3	
			MW-0607-S1-13	0.0	
			MW-0607-S1-14	0.0	
		SAND: Brown SAND gravel mix, wet. Med-coarse grained.			



TOTAL DEPTH: 70.00

Sand pack
PVC Sch 40



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0608-B1**

TOTAL DEPTH: **90.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M .Griles**

DATE STARTED:

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD:

COORDINATES:

Northing: 1913636.1

Easting: 198370.2

Elevation: 826.24

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL	MW-0608-B1-01	3.0	PVC Sch 40 Bent-cement grout
5		CLAY: brown, CLAY fill / topsoil, with coal and slag in the fill	MW-0608-B1-02	5.5	
10		CLAY: 10YR Light brown CLAY, with trace sand-plastic and pliable, gravel and pebbles increased competency at end, orange and gray mottling.	MW-0608-B1-03	10.6	
15		CLAY: 10 YR 3/1 gray CLAY TILL with multiple intermittent sand stringers, cohesive, competent, and Wet from (11.5-14), DRY and competent for 2' (until 16') then friable and dry until the end of interval	MW-0608-B1-04	7.7	Sand pack PVC Sch 40
20		SAND: 10 YR 6/1 gray SAND with pebbles and cobbles at the start of the interval becoming gradationally more sorted/less graded, wet at 17.5'; 6" clay till stringer @21.5-22 sands continue to be well sorted and poorly graded until interval end	MW-0608-B1-05	1.8	
25			MW-0608-B1-06	0.5	
30			MW-0608-B1-07	1.6	
35			MW-0608-B1-08	1.1	
40			MW-0608-B1-09	1.3	
45			MW-0608-B1-10	1.5	
50			MW-0608-B1-11	2.8	
55			MW-0608-B1-12	0.1	
60			MW-0608-B1-13	0.5	
65			MW-0608-B1-14	0.3	
70			MW-0608-B1-15	0.8	
75			MW-0608-B1-16	1.8	
80			MW-0608-B1-17	2.2	
85			MW-0608-B1-18	2.2	
90			MW-0608-B1-19	14.9	
			MW-0608-B1-20	4.6	
			MW-0608-B1-21	2.3	
			MW-0608-B1-22	5.6	
			MW-0608-B1-23	8.3	
			MW-0608-B1-24	7.2	
			MW-0608-B1-25	5.0	
			MW-0608-B1-26	7.6	
			MW-0608-B1-27	2.1	
			MW-0608-B1-28	8.3	
			MW-0608-B1-29	4.2	
			MW-0608-B1-30	2.5	
			MW-0608-B1-31	0.08	
			MW-0608-B1-32	1.2	
			MW-0608-B1-33	2.6	
			MW-0608-B1-34	5.4	
			MW-0608-B1-35	1.0	
			MW-0608-B1-36		
			MW-0608-B1-37		
			MW-0608-B1-38		
			MW-0608-B1-39		
			MW-0608-B1-40		



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0608-S1**

TOTAL DEPTH: **33.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **2/16/2006 10:45:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD:

COORDINATES:

Northing: 1913643.3

Easting: 198370.5

Elevation: 826.15

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL			PVC Sch 40 Bent-cement grout
		FILL: Brown Clay fill / topsoil / coal & flag / FILL			
5		CLAY: 10YR light brown CLAY with tr pebbles, orange and dark brown/gray mottling, plastic, pliable, increased plasticity from 6'-7' increased competency w/ depth, larger clasts (gravel size, subrounded) w/i clay @ 11.5' there is a 2" sand, fine grained brown			
10		TILL: 10YR 3/1 gray CLAY TILL, cohesive competent, non-plastic, @13 till is friable and crumbly w/ increased sand content			
15		SAND: SAND, gray sl. moist			
		SAND: fine grained gray SAND stringer moist			
		TILL: competent gray TILL			
		TILL: dry friable TILL			
20		TILL: competent gray TILL			Bentonite-pellets
		SAND: 10YR gray SAND w/ large subrounded gravels and pebbles top 1 ft of interval, coarse grained, poorly sorted/well graded, saturated sand.			Sand pack PVC Sch 40
25					
30		TILL: 10YR 3/1 gray clay TILL			



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0608-S2**

TOTAL DEPTH: **68.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED:

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD:

COORDINATES:

Northing: 1913639.1

Easting: 198370.4

Elevation: 826.20

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		GRAVEL: GRAVEL			PVC Sch 40 Bent-cement grout
5		CLAY: brown, CLAY fill / topsoil, with coal and slag in the fill			
10		CLAY: 10YR Light brown CLAY, with trace sand-plastic and pliable, gravel and pebbles increase competency at end, orange and gray mottling			
15		CLAY: 10 YR 3/1 gray CLAY TILL with multiple intermittent sand stringers, cohesive, competent, and Wet from (11.5-14), DRY and competent for 2' (until 16') then friable and dry until the end of interval			
20		SAND: 10 YR 6/1 gray SAND with pebbles and cobbles at the start of the interval becoming gradationally more sorted/less graded, wet at 17.5'; 6" CLAY till stringer @21.5-22 sands continue to be well sorted and poorly graded until interval end			
25					
30		CLAY: 10YR 3/1 CLAY till, gray competent, cohesive, non-plastic, dry, very hard			
35					
40					
45					
50					
55					Bentonite-pellets Sand pack PVC Sch 40
60		SAND: 10YR 6/1 Gray SAND, coarse grained with trace subrounded gravel + pebbles, saturated			
65					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0609-S1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **B. Griggs**

DATE STARTED: **2/8/2006 9:00:00 AM**

DATE COMPLETED: **2/8/2006 1:40:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin OBrian**

DRILLING METHOD: **Hollow-stem Auger**

COORDINATES:

Northing: 1913538.9

Easting: 198507

Elevation: 823.00

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT. Gravel, brick debris.	MW-0609-S1-01	0.0	PVC Sch 40
		CLAY: Brown-gray silty CLAY, firm, plastic, slightly sticky moist.	MW-0609-S1-02	0.3	Bentonite-pellets
		CLAY: Beige silty CLAY, soft, moist to very moist, sticky, plastic (gray mottling).	MW-0609-S1-03	0.0	
5		SANDY CLAY: Light beige SANDY CLAY, very moist-wet, soft, plastic, Sticky (high sand content).	MW-0609-S1-04	0.1	
		CLAY: Brown Silty sandy CLAY, trace gravels, firm, Moist, slightly plastic, not sticky.	MW-0609-S1-05	0.4	
		SAND: Brown clayey SAND stringer, wet.	MW-0609-S1-06	0.3	
10		CLAY: Brown silty sandy CLAY, trace gravel, slightly firm, moist, plastic, Sticky.	MW-0609-S1-07	0.3	
		CLAY: Brown silty sandy CLAY, trace gravels, firm, Moist, slightly plastic, not sticky.	MW-0609-S1-08	0.2	
		CLAY: Gray brown silty CLAY, trace gravels, slightly moist-dry, friable, non plastic, nonsticky.	MW-0609-S1-09	0.1	
15		SAND: Gray clayey silty SAND, wet, Sticky.	MW-0609-S1-10	0.5	Sand pack
		CLAY: Gray-brown silty CLAY, trace gravel, moist, firm, not plastic, not sticky.	MW-0609-S1-11	0.3	PVC Sch 40
20		SILTY CLAY: Gray SILTY CLAY, very moist, soft, plastic, Sticky, cohesive.	MW-0609-S1-12	0.3	
		SAND: Brown-gray, SAND coarse-med, trace gravel, wet. Silt content increasing at ~26'.	MW-0609-S1-13	0.2	
25			MW-0609-S1-14	0.1	
		SILTY CLAY: Gray SILTY CLAY, firm, Moist, slightly plastic, not sticky.	MW-0609-S1-15	0.0	
30					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0609-S2**

TOTAL DEPTH: **65.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **M. Griles**
 DATE STARTED: **10/12/2006 2:15:00 PM**
 DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **Jim Robinson**
 DRILLING METHOD: **Mini-Sonic**
COORDINATES:
Northing: 1913531.4
Easting: 198510.8
Elevation: 823.39

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE	MW-0609-S2-01		6.8	PVC Sch 40
		TOPSOIL: TOPSOIL/Underneath of gravel and fill dirt.	MW-0609-S2-02		2.1	Bent-cement grout
5			MW-0609-S2-03		1.8	
		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY, plastic, pliable, cohesive, moist, rust & gray colored mottling throughout, embedded subrounded pebbles and gravel-sized grains, @ 8-8.75' interval of sand (finger/stringer), wet, return into brown clay until 9.25'.	MW-0609-S2-04		0.8	
10			MW-0609-S2-05		0.4	
			MW-0609-S2-06	Neg.	0.4	
15			MW-0609-S2-07		0.8	
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY (till), hard, firm, dense, competent, non-plastic, slightly moist, w/ embedded subrounded pebbles & gravels, @10-10.75' interval of saturated sand/wet, return to hard "hockey puck" clay till.	MW-0609-S2-08		0	
20			MW-0609-S2-09		0.4	
			MW-0609-S2-10		0.4	
25		SAND: 10YR 5/1 gray SM SAND, very silty, coarse grained, subrounded, wet/saturated.	MW-0609-S2-11		0.8	
			MW-0609-S2-12		0.4	
30		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY (till), hard, firm, dense, competent, non-plastic, sl. moist w/ embedded subrounded pebbles & gravels.	MW-0609-S2-13		0	
			MW-0609-S2-14		0	
35			MW-0609-S2-15		0	
			MW-0609-S2-16		0	
40			MW-0609-S2-17		0.8	
			MW-0609-S2-18		0.4	
45			MW-0609-S2-19		0	
			MW-0609-S2-20		0	
50			MW-0609-S2-21		0	
			MW-0609-S2-22		0	
55			MW-0609-S2-23		0	
			MW-0609-S2-24		0	
			MW-0609-S2-25		0.4	
			MW-0609-S2-26		0.8	
			MW-0609-S2-27		0.4	Bentonite-pelletS
			MW-0609-S2-28		0	Sand pack
			MW-0609-S2-29		0	
		SAND: 10YR 5/1 gray SM SAND, v. silty, coarse grained, subrounded, wet/saturated.	MW-0609-S2-30		0	PVC Sch 40
60			MW-0609-S2-31	Neg.	0	
		WEATHERED BEDROCK: Limestone	MW-0609-S2-32		0	
65		WEATHERED BEDROCK: Lime mud 61-64, weathered limestone 64-65.	MW-0609-S2-33		0	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0610-S1**

TOTAL DEPTH: **32.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/12/2006 9:30:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913335.7

Easting: 198484.2

Elevation: 822.86

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE, gravels, fill dirt.	MW-0610-S1-01	6.2	PVC Sch 40 Bent-cement grout
		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY, plastic, pliable, cohesive, moist, embedded pebbles and gravel (subrounded), rust and gray colored mottling.	MW-0610-S1-02	3.1	
			MW-0610-S1-03	0.8	
			MW-0610-S1-04	0.4	
			MW-0610-S1-05	0.4	
			MW-0610-S1-06	0.4	
			MW-0610-S1-07	0.4	
15		SILTY CLAY: 10YR3/1 gray ML/CL SILTY CLAY, hard, firm, non-plastic, dry&friable @times, w/embedded pebbles&gravels (subrounded from metamorphic uplifted provenance), interval of incr. sand content 17.5-19 correlates to incr moist, 19-19.75 back to gray clay (gl till)	MW-0610-S1-08	2.8	
			MW-0610-S1-09	1.6	
			MW-0610-S1-10	1.8	
			MW-0610-S1-11	1.6	
20		SAND: 10YR 5/1 gray SM SAND, v. silty, coarse gravel, subrounded sands, wet, poorly sorted, well graded w/ occasional cobble-sized grains in mix.	MW-0610-S1-12	2.0	Bentonite-pellets
			MW-0610-S1-13	0.4	
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, firm, dense, non-plastic, dry, glacial till w/ embedded subrounded pebbles & gravels.			
25		SAND: 10YR 5/1 gray SM SAND, sl. silty, coarse grained, wet, well graded.	MW-0610-S1-14	2.6	Sand pack
			MW-0610-S1-15	0.8	
30		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, firm, dense, non-plastic, dry, glacial till w/ embedded pebbles and gravels.	MW-0610-S1-16	0.4	PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0611-S1**

TOTAL DEPTH: **36.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/18/2006 9:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913140

Easting: 198969.2

Elevation: 821.95

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL, gravel, ballast stone, cinders.	MW-0611-S1-01	0.4	PVC Sch 40 Bentonite-pellets
			MW-0611-S1-02	0.8	
5		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY, plastic, pliable, rust & gray colored mottling, 1" sand stringer at 7'.	MW-0611-S1-03	0.8	Sand pack
			MW-0611-S1-04	1.2	
			MW-0611-S1-05	1.6	
			MW-0611-S1-06	1.2	
10		SILTY CLAY: 10YR3/1 gray ML/CL SILTY CLAY, somewhat plastic & pliable in 1st 2', then gradually changing to firm, hard, competent, non-plastic, clay & friable @ times w/ embedded subrounded pebbles and gravels.	MW-0611-S1-07	0.8	PVC Sch 40
15			MW-0611-S1-08	0.8	
		SAND: 16.5-18' interval of gray coarse SAND, poorly graded, wet.	MW-0611-S1-09	0.4	Sand pack
			MW-0611-S1-10	0.4	
20		CLAY: Return to CLAY till, 5" sand stringer gray @ 24.5', return to clay till @ 25', 6" sand stringer brown/wet @ 26.5-27', return to clay till/gray @ 27'. 27-35' gray clay till.	MW-0611-S1-11	0.4	Bentonite-pellets
			MW-0611-S1-12	0.8	
			MW-0611-S1-13	0.8	
			MW-0611-S1-14	0.4	
			MW-0611-S1-15	0.8	
			MW-0611-S1-16	0.4	
			MW-0611-S1-17	0.4	
			MW-0611-S1-18	0.4	
25					
30					
35					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0612-S1**

TOTAL DEPTH: **27.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/17/2006 4:00:00 PM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913838.8

Easting: 198425

Elevation: 824.06

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE, Fill dirt, gravel	MW-0612-S1-01	0.0	PVC Sch 40 Bent-cement grout
5		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY, plastic, pliable, cohesive, moist, rust & gray colored mottling, embedded pebbles and gravel (subrounded(w/i a clay matrix, @ 7.5' there is a 5" sand stringer (moist), at 11' there is a 6" sand (moist).	MW-0612-S1-02	0.4	
			MW-0612-S1-03	0.0	
			MW-0612-S1-04	0.0	
			MW-0612-S1-05	0.0	
10			MW-0612-S1-06	0.0	
			MW-0612-S1-07	0.4	
15		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY (till), hard, firm, compact, dry & friable @ times w/ embedded pebbles & gravels, non-plastic, interval of sand (3" thick) at 13.25'.	MW-0612-S1-08	0.4	
			MW-0612-S1-09	1.2	Bentonite-pellets
			MW-0612-S1-10	0.8	
20			MW-0612-S1-11	1.2	Sand pack
25		SAND: 10YR 5/1 gray SM silty SAND, wet, med. sorting, med. graded, occasional cobble-sized grains (metamorphic provenance)	MW-0612-S1-12	21.0	PVC Sch 40
			MW-0612-S1-13	20.2	
			MW-0612-S1-14	5.3	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0612-S2**

TOTAL DEPTH: **55.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/17/2006 11:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913838.7

Easting: 198430.8

Elevation: 824.02

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE, Fill dirt, gravel	MW-0612-S2-01		0.0	PVC Sch 40
			MW-0612-S2-02		0.4	Bent-cement grout
5		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY, plastic, pliable, cohesive, moist, rust & gray colored mottling, embedded pebbles and gravel (subrounded(w/i a clay matrix, @ 7.5' there is a 5" sand stringer (moist), at 11' there is a 6" sand (moist).	MW-0612-S2-03		0.0	
			MW-0612-S2-04		0.0	
10			MW-0612-S2-05		0.0	
			MW-0612-S2-06		0.0	
			MW-0612-S2-07		0.4	
15		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY (till), hard, firm, compact, dry & friable @ times w/ embedded pebbles & gravels, non-plastic, interval of sand (3" thick) at 13.25'.	MW-0612-S2-08		0.4	
			MW-0612-S2-09		1.2	
20			MW-0612-S2-10		0.8	
			MW-0612-S2-11		1.2	
25		SAND: 10YR 5/1 gray SM silty SAND, wet, med. sorting, med. graded, occasional cobble-sized grains (metamorphic provenance)	MW-0612-S2-12	Neg.	21.0	
			MW-0612-S2-13		20.2	
30			MW-0612-S2-14		5.3	
			MW-0612-S2-15		1.2	
35			MW-0612-S2-16		0.8	
			MW-0612-S2-17		0.4	
40			MW-0612-S2-18		0.4	
			MW-0612-S2-19		0.4	
45			MW-0612-S2-20		0.0	
			MW-0612-S2-21		0.8	
			MW-0612-S2-22		0.4	
50			MW-0612-S2-23		0.4	Bentonite-pelletS
			MW-0612-S2-24		0.4	
			MW-0612-S2-25		0.8	Sand pack
55		SAND: 10YR 5/1 gray SM silty SAND, wet, med sorting, med graded, occasional gravel-sized grains, 60% coarse sand grains.	MW-0612-S2-26	Neg.	2.0	PVC Sch 40
			MW-0612-S2-27		6.1	
			MW-0612-S2-28		3.2	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0613-S1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/16/2006 4:30:00 PM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914140.5

Easting: 198593.9

Elevation: 822.58

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE, fill dirt, gravel.	MW-0613-S1-01	0.4	PVC Sch 40 Bent-cement grout
		SANDY CLAY: 10YR 5/3 brown, CH/CI silty SANDY CLAY, plastic, pliable, cohesive, moist w/ rust & gray mottling, embedded subrounded pebbles & gravels, 9.5-10' interval of increased sand/water/moisture.	MW-0613-S1-02	0.4	
			MW-0613-S1-03	0.8	
			MW-0613-S1-04	0.0	
			MW-0613-S1-05	0.4	
			MW-0613-S1-06	0.0	
5					
10					
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY (till), hard, dry, compact, firm, competent, embedded gravels and pebbles (subrounded) 19-19.5' interval of gray sand/wet, return to gray till.	MW-0613-S1-07	0.4	Bentonite-pellets
			MW-0613-S1-08	0.0	
			MW-0613-S1-09	0.4	
			MW-0613-S1-10	0.4	
			MW-0613-S1-11	0.0	
15					
20					
		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, medium sorting, medium grading, wet.	MW-0613-S1-12	0.4	Sand pack
			MW-0613-S1-13	0.8	
			MW-0613-S1-14	0.4	
			MW-0613-S1-15	0.4	
25					
30					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0614-B1**

TOTAL DEPTH: **90.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/26/2006 10:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913651.4

Easting: 197858.1

Elevation: 827.21

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT/concrete/limestone gravel/fill/dirt.	MW-0614-B1-01		0.8	PVC Sch 40
			MW-0614-B1-02		0.4	Bent-cement grout
5		SANDY CLAY: 10YR 5/3 brown CH/CI silty SANDY CLAY, plastic, pliable, rust & gray colored mottling, lenticular structure, 1" sand stringer (slightly moist) at 8.5'.	MW-0614-B1-03		0.4	
			MW-0614-B1-04		0.4	
10			MW-0614-B1-05		0.8	
			MW-0614-B1-06		0.8	
			MW-0614-B1-07		0.4	
15		SILTY CLAY: 10YR 3/1 gray, ML/CL, SILTY CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles (basaltic/metamorphic provenance), dry/sl. moist (glacial till)	MW-0614-B1-08		0.8	
			MW-0614-B1-09		0.4	
20		SAND: 10YR 5/1 gray, SM silty SAND, coarse gravel, medium sorting, medium grading, wet.	MW-0614-B1-11		1.2	
			MW-0614-B1-12		5.7	
25		SILTY CLAY: 10YR 3/1 gray ML/CL, SILTY CLAY, hard, firm, compact, competent w/ embedded subrounded pebbles/gravel, dry, @ 24-24.5' interval of increasing sand grains w/i matrix of till, return to clay till from 24.5-25'.	MW-0614-B1-13		1.6	
			MW-0614-B1-14		0.8	
30			MW-0614-B1-15		0.8	
			MW-0614-B1-16		0.4	
35		SAND: 10YR 5/1, gray SM silty SAND, coarse gravel, poorly graded, well sorted, medium-coarse sands, saturated/wet.	MW-0614-B1-17		0.8	
			MW-0614-B1-18		0.8	
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, firm, compact, competent, w/ embedded pebbles and gravels.	MW-0614-B1-19		0.4	
40			MW-0614-B1-20		0.8	
			MW-0614-B1-21		0.8	
45			MW-0614-B1-22		0.8	
			MW-0614-B1-23		0.4	
			MW-0614-B1-24		0.4	
50			MW-0614-B1-25		0.4	
			MW-0614-B1-26		0.4	
			MW-0614-B1-27		0.8	
55		SAND: 10YR 5/1 gray SM silty SAND, coarse-medium grained, well sorted, poorly graded, wet. From 57.5-58.0' interval of clay till, then back to sand.	MW-0614-B1-28		0.4	
			MW-0614-B1-29		0.4	
60			MW-0614-B1-30		0.4	
			MW-0614-B1-31		0.4	
			MW-0614-B1-32		0.8	
65			MW-0614-B1-33		0.8	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0614-B1**

TOTAL DEPTH: **90.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/26/2006 10:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913651.4

Easting: 197858.1

Elevation: 827.21

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
65			MW-0614-B1-34		0.4	
70		BEDROCK: BEDROCK. Sandy lime mud, bright white, moist, slightly plastic, clay w/ embedded weathered limestone.	MW-0614-B1-35		0.4	
			MW-0614-B1-36		0.8	
75		BEDROCK: BEDROCK Continues. Dry, hard, non-plastic cemented lime mud w/ weathered in situ limestone clasts w/i the matrix.	MW-0614-B1-37	Neg.	0.8	
80		BEDROCK: BEDROCK Continues. Return to more clay like w/ some moisture between the weathered bedrock clasts.	MW-0614-B1-38		0.8	
85		BEDROCK: BEDROCK Continues. Competent massive bedrock limestone.				Bentonite-pelletS
90		BEDROCK: Limey oxidized vuggy nearly meramac style rock. 84-85' competent & massive.				Sand pack
		BEDROCK: BEDROCK continues. Limestone w/ secondary precipitate. Recrystallization (viewed here as mineral calcite displaying rhombohedral habit) found in vugs, crinoids noted, due to indications of this zone exhibiting a pathway for GW, a well will be set at 90'.				PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0614-S2**

TOTAL DEPTH: **58.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/26/2006 9:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913646.8

Easting: 197860

Elevation: 827.18

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT/concrete/limestone gravel/fill/dirt.	MW-0614-S2-01	0.8	PVC Sch 40 Bent-cement grout
			MW-0614-S2-02	0.4	
5		SANDY CLAY: 10YR 5/3 brown CH/CI silty SANDY CLAY, plastic, pliable, rust & gray colored mottling, lenticular structure, 1" sand stringer (slightly moist) at 8.5'.	MW-0614-S2-03	0.4	
			MW-0614-S2-04	0.4	
			MW-0614-S2-05	0.8	
			MW-0614-S2-06	0.8	
			MW-0614-S2-07	0.4	
15		SILTY CLAY: 10YR 3/1 gray, ML/CL, SILTY CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles (basaltic/metamorphic provenance), dry/sl. moist (glacial till)	MW-0614-S2-08	0.8	
			MW-0614-S2-09	0.4	
			MW-0614-S2-10	0.4	
20		SAND: 10YR 5/1 gray, SM silty SAND, coarse gravel, medium sorting, medium grading, wet.	MW-0614-S2-11	1.2	
			MW-0614-S2-12	5.7	
25		SILTY CLAY: 10YR 3/1 gray ML/CL, SILTY CLAY, hard, firm, compact, competent w/ embedded subrounded pebbles/gravel, dry, @ 24-24.5' interval of increasing sand grains w/i matrix of till, return to clay till from 24.5-25'.	MW-0614-S2-13	1.6	
			MW-0614-S2-14	0.8	
			MW-0614-S2-15	0.8	
30		SAND: 10YR 5/1, gray SM silty SAND, coarse gravel, poorly graded, well sorted, medium-coarse sands, saturated/wet.	MW-0614-S2-16	0.4	
			MW-0614-S2-17	0.8	
			MW-0614-S2-18	0.8	
35		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, firm, compact, competent, w/ embedded pebbles and gravels.	MW-0614-S2-19	0.4	
			MW-0614-S2-20	0.8	
			MW-0614-S2-21	0.8	
			MW-0614-S2-22	0.8	
			MW-0614-S2-23	0.4	
			MW-0614-S2-24	0.4	
			MW-0614-S2-25	0.4	
			MW-0614-S2-26	0.4	
			MW-0614-S2-27	0.8	
			MW-0614-S2-28	0.4	
55		SAND: 10YR 5/1 gray SM silty SAND, coarse-medium grained, well sorted, poorly graded, wet. From 57.5-58.0' interval of clay till, then back to sand.	MW-0614-S2-29	0.4	PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0615-B1**

TOTAL DEPTH: **78.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/6/2006 10:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **J. Keifer**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913101.3

Easting: 198122.4

Elevation: 825.08

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS	
0		ASPHALT: ASPHALT, brick, concrete, gravel, fill dirt.	MW-0615-B1-01	0.8	PVC Sch 40 Bent-cement grout	
			MW-0615-B1-02	0.4		
5		SANDY CLAY: 10YR 5/3 brown CH/CI silty SANDY CLAY, plastic, pliable w/ gray and rust mottling, embedded gravels & pebbles (subrounded), sl. moist, from 16.25-16' interval of muddy sand.	MW-0615-B1-03	0.8		
			MW-0615-B1-04	0.0		
			MW-0615-B1-05	0.0		
10			MW-0615-B1-06	0.0		
			MW-0615-B1-07	0.0		
15		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, dry & compact "crumbly"/friable @ start of interval, then becoming increasingly competent, sl. moist w/ embedded subrounded pebbles & gravels.	MW-0615-B1-08	0.8		
			MW-0615-B1-09	2.4		
			MW-0615-B1-10	0.8		
20		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, medium graded, medium sorting, wet/saturated.	MW-0615-B1-11	0.4		
			MW-0615-B1-12	0.8		
			MW-0615-B1-13	0.4		
25		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, firm, compact, competent, friable @ times (glacial till).	MW-0615-B1-14	0.8		
			MW-0615-B1-15	0.4		
30			MW-0615-B1-16	0.4		
			MW-0615-B1-17	0.8		
35			MW-0615-B1-18	0.8		
			MW-0615-B1-19	0.4		
40			MW-0615-B1-20	0.4		
			MW-0615-B1-21	0.4		
			MW-0615-B1-22	0.4		
45			MW-0615-B1-23	N/A		
			MW-0615-B1-24	N/A		
			MW-0615-B1-25	N/A		
50			MW-0615-B1-26	0.8		



WELL CONSTRUCTION LOG

WELL NO.: **MW-0615-B1**

TOTAL DEPTH: **78.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/6/2006 10:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **J. Keifer**

DRILLING METHOD: **Mini-Sonic**

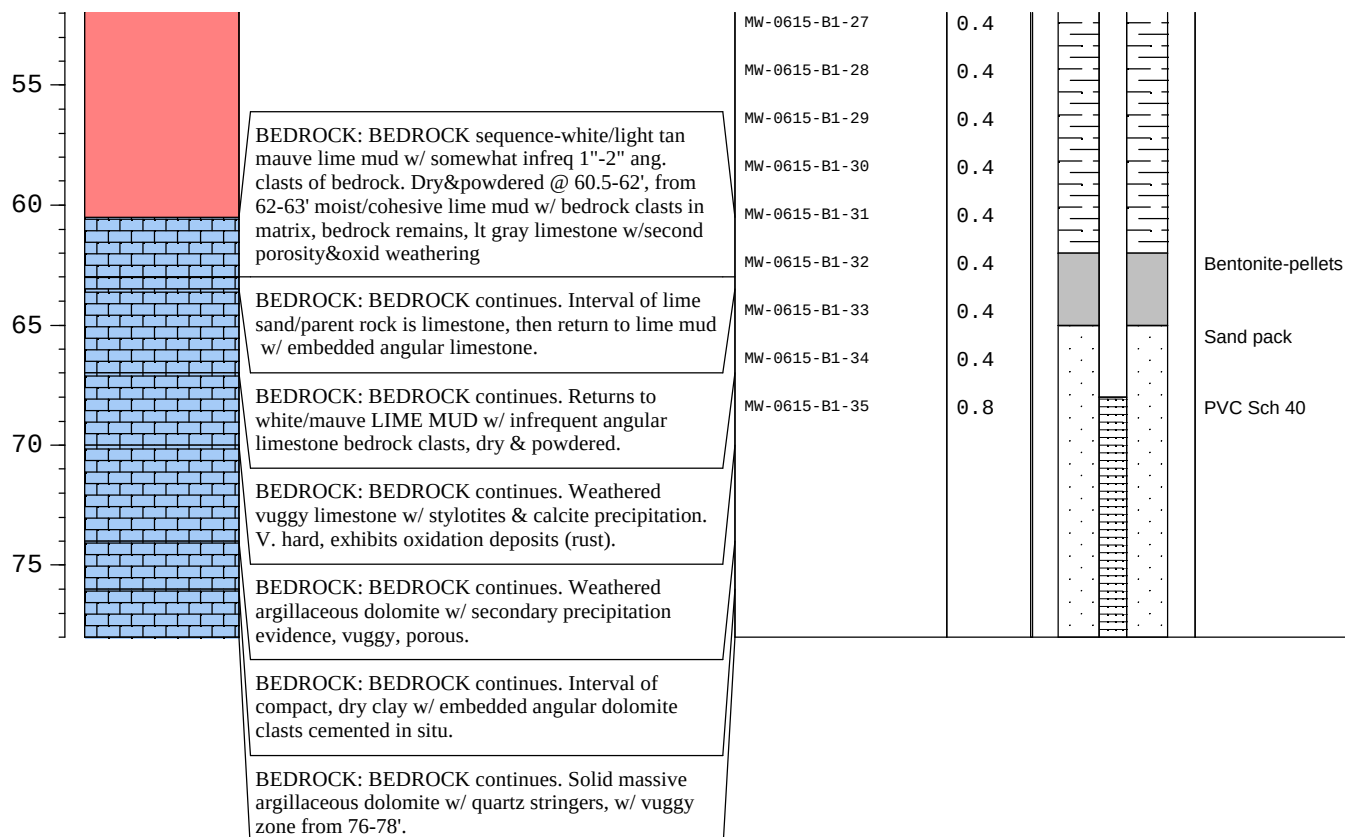
COORDINATES:

Northing: 1913101.3

Easting: 198122.4

Elevation: 825.08

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS





ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0616-B1**

TOTAL DEPTH: **115.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, IN**
LOGGED BY: **M. Griles**
DATE STARTED: **10/27/2006 9:00:00 AM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Kevin Smith**
DRILLING METHOD: **Mini-Sonic**
COORDINATES:
Northing: 1913180.7
Easting: 197515
Elevation: 822.55

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE	MW-0616-B1-01	1.6	PVC Sch 40 Bent-cement grout
			MW-0616-B1-02	1.2	
			MW-0616-B1-03	1.6	
			MW-0616-B1-04	0.8	
			MW-0616-B1-05	0.4	
			MW-0616-B1-06	0.4	
			MW-0616-B1-07	3.2	
			MW-0616-B1-08	2.0	
			MW-0616-B1-09	2.8	
			MW-0616-B1-10	0.8	
			MW-0616-B1-11	0.4	
			MW-0616-B1-12	0.4	
			MW-0616-B1-13	0.8	
5		CLAY: 10YR 5/3 brown CH/CL, silty sandy CLAY, plastic, pliable, w/ a little gray mottling, embedded subangular pebble grains, lenticular structure, 12-12.5' interval wet/v. moist sand, then return to clay at 12.5'			
10					
15		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, dry, compact, friable @ start of interval until 15', competent, w/ embedded subrounded gravels & pebbles (glacial till).			
20					
25		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, med. grading, med. sorting, wet/saturated, @20' there is an interval of large grains/cobbles indicating high energy environment @ lithologic interface @ 20-20.5 increased fines (silty gravels) w/in sand package			
30					
35		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, compact, sl. moist, increased moisture from 38-59' (higher porosity), glacial till.			
40					
45					
50					
55					
60		BEDROCK: Limestone BEDROCK: 59-60, white lime mud w/ embedded angular weathered limestone clasts. 60-60.75, increased sand content w/i mud matrix. 60.75-63.25, weathered bedrock w/in lime mud, sl. moist.			
65		BEDROCK: BEDROCK. 63.25-64.5, dry compact "flour" limestone mud w/ embedded in-situ weathered limestone angular clasts. 64.5-67', sl. moist lime mud w/ weathered bedrock clasts. 67-67.5,			



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0616-B1**

TOTAL DEPTH: **115.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/27/2006 9:00:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913180.7

Easting: 197515

Elevation: 822.55

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
70		competent bedrock, massive limestone w/ crinoid & brachiopod fossilization.			
75		BEDROCK: BEDROCK. 67.5-73 moist lime mud w/ weathered limestone angular bedrock clasts. 73-75, dry to sl. moist lime mud w/ angular limestone rock frags. 75-78, moist, plastic clay mud w/ limestone rock frags.			
80		BEDROCK: BEDROCK. 78-80, dry compact, cohesive clay lime mud w/ angular limestone frag. 80-85, compact, moist competent, hard w/ sl. plasticity, embedded large limestone rock fragments.			
85		BEDROCK: BEDROCK. 85-86.5, limey sands, compacted, moist all of limestone origin, well sorted/poorly graded, coarse grained.			
90		BEDROCK: BEDROCK continues. Dolostone. Weathered subangular bedrock w/ secondary crystallization evidence, occasional non-cemented "watery" lime mud in mix. Bedrock likely dolostone/dolomite interstitial w/ limestone original parent rock.			
95		BEDROCK: BEDROCK continues. Change back to fine mud cement w/ angular limestone/dolostone clasts. 105-110, sample was completely destroyed or turned to cuttings/sand w/ steel from teeth of core barrel.			
100		BLANK: Sample was lost out of sample barrel in 5' run from 105-100'.			
105		BEDROCK: BEDROCK continues. Dolostone. Vuggy, competent, v. hard, dolostone/dolomite rock/ w/ secondary precipitate indicators.			
110					Bentonite-pellets
115					Sand pack
					PVC Sch 40



ARCADIS

WELL CONSTRUCTION LOG

WELL NO.: **MW-0616-S1**

TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/8/2006**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Kevin Smith**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1913162.8

Easting: 197514.4

Elevation: 822.54

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		CEMENT: CONCRETE	MW-0616-S1-01	1.6	PVC Sch 40 Bentonite-pellets
		CLAY: 10YR 5/3 brown CH/CL, silty sandy CLAY, plastic, pliable, w/ a little gray mottling, embedded subangular pebble grains, lenticular structure, 12-12.5' interval wet/v. moist sand, then return to clay at 12.5'	MW-0616-S1-02	1.2	
			MW-0616-S1-03	1.6	
			MW-0616-S1-04	0.8	
			MW-0616-S1-05	0.4	
			MW-0616-S1-06	0.4	
			MW-0616-S1-07	3.2	
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, dry, compact, friable @ start of interval until _____, competent, w/ embedded subrounded gravels & pebbles (glacial till).	MW-0616-S1-08	2.0	Sand pack
			MW-0616-S1-09	2.8	PVC Sch 40
		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, med. grading, med. sorting, wet/saturated, @20' there is an interval of large grains/cobbles indicating high energy environment @ lithologic interface @ 20-20.5 increased fines (silty gravels) w/in sand package	MW-0616-S1-10	0.8	
			MW-0616-S1-11	0.4	
			MW-0616-S1-12	0.4	
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, hard, compact, sl. moist, increased moisture from 38-59' (higher porosity), glacial till.			
25					



WELL CONSTRUCTION LOG

WELL NO.: **MW-0617-B1**

TOTAL DEPTH: **100.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **Tai Hubbard**
 DATE STARTED: **2/27/2007 9:20:00 AM**
 DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **D.Chambille**
 DRILLING METHOD: **300 Rotasonic**
COORDINATES:
Northing: 1913572.4
Easting: 198063.4
Elevation: 827.06

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		FILL: Engineered limestone gravel FILL, wet @ 3.0 bgs. (appears to be peach table)	MW-0617-B1-01		1.2	PVC Sch 40
5		SILTY CLAY: CL-ML, SILTY CLAY; plastic, firm, w/fine-med sand + gravels, subrounded, olive brown (2.5YR 4/3), moist w/ gradual change to CL-ML (glacial till).	MW-0617-B1-02		5.0	Bent-cement grout
10		SILTY CLAY: CL-ML, SILTY CLAY; sl plastic (H2O added), hard, w/ fine-med sand + gravels, subrounded, dark gray (10 YR 4/1), moist (glacial till). Strong chemical odor.	MW-0617-B1-03		4.8	
15		SAND: SP, fine-coarse SAND, little gravel, compact, subrounded, brown (10 YR 4/3), moist, with abrupt distinct contact @ 18' to CL-ML (glacial till). Sudan IV field analysis negative from 17.8-18'.	MW-0617-B1-04		6.6	
20		SILTY CLAY: CL-ML, SILTY CLAY; slightly plastic (H2O added), hard, w/ fine-medium sand + gravels, subrounded, dark gray (10 YR 4/1) moist (glacial till).	MW-0617-B1-05		18.7	
25		SAND: SP, fine-coarse SAND + gravel, subrounded, loose, dark gray (10 YR 4/1), moist (glacial till).	MW-0617-B1-06		27.4	
30		SILTY CLAY: CL-ML, SILTY CLAY, plastic (water added), stiff w/ fine-med sand + gravel, subrounded, dark gray(10 YR 4/1), moist (glacial till), Sudan IV test @26.4-26.5 negative).	MW-0617-B1-07		106.0	
35			MW-0617-B1-08		1568	
40			MW-0617-B1-09		1871	
45			MW-0617-B1-10		2732	
50			MW-0617-B1-11		3798	
55			MW-0617-B1-12		3537	
60			MW-0617-B1-13		4338	
65			MW-0617-B1-14		3675	
			MW-0617-B1-15		3589	
			MW-0617-B1-16		4216	
			MW-0617-B1-17		3604	
			MW-0617-B1-18		397.1	
			MW-0617-B1-19		417	
			MW-0617-B1-20		128	
			MW-0617-B1-21		5.7	
			MW-0617-B1-22		4.2	
			MW-0617-B1-23		6.8	
			MW-0617-B1-24		3.9	
			MW-0617-B1-25		5.3	
			MW-0617-B1-26		6.2	
			MW-0617-B1-27		20.6	
			MW-0617-B1-28		31.1	
			MW-0617-B1-29		20.1	
			MW-0617-B1-30		7.8	
			MW-0617-B1-31		6.2	
			MW-0617-B1-32		5.8	
			MW-0617-B1-33		2.5	
			MW-0617-B1-34		1.7	
			MW-0617-B1-35		1.1	
			MW-0617-B1-36		2.2	
			MW-0617-B1-37		1.7	
			MW-0617-B1-38		3.6	
			MW-0617-B1-39		4.1	
			MW-0617-B1-40		3.1	
			MW-0617-B1-41		2.8	
			MW-0617-B1-42		2.1	
			MW-0617-B1-43		2.7	
			MW-0617-B1-44		2.6	
			MW-0617-B1-45		3.5	
			MW-0617-B1-46		4.2	
			MW-0617-B1-47		1.7	
			MW-0617-B1-48		1.0	
			MW-0617-B1-49		3.8	
			MW-0617-B1-50		1.7	
			MW-0617-B1-51		2.6	
			MW-0617-B1-52		2.2	
			MW-0617-B1-53		2.5	
			MW-0617-B1-54		2.2	
			MW-0617-B1-55		2.3	
			MW-0617-B1-56		1.6	
			MW-0617-B1-57		1.8	
			MW-0617-B1-58		2.0	
			MW-0617-B1-59		0.9	
			MW-0617-B1-60		1.7	
			MW-0617-B1-61		3.6	
			MW-0617-B1-62		20.6	
			MW-0617-B1-63		22.1	
			MW-0617-B1-64		23.8	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0617-B1**

TOTAL DEPTH: **100.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **Tai Hubbard**

DATE STARTED: **2/27/2007 9:20:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **D.Chambille**

DRILLING METHOD: **300 Rotasonic**

COORDINATES:

Northing: 1913572.4

Easting: 198063.4

Elevation: 827.06

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
65		WEATHERED BEDROCK: Limestone	MW-0617-B1-66		1.7	
		WEATHERED BEDROCK, 1-2" thick rock fragments (mechanically fractured) w/i a limestone mud matrix. Rock fragments moderately fossilized (crinoids etc.). Wet. Lime mud w/ weathered limestone fragments/clasts, mottled, in situ.	MW-0617-B1-68		2.2	
			MW-0617-B1-69		1.6	
			MW-0617-B1-70		1.8	
			MW-0617-B1-71		2.9	
			MW-0617-B1-72		--	
			MW-0617-B1-73		--	
			MW-0617-B1-74		--	
		BLANK: 75-80' unable to retrieve from core barrel	MW-0617-B1-75		--	
			MW-0617-B1-76		--	
		WEATHERED BEDROCK: Lime mud				
		WEATHERED BEDROCK, w/ fossilized limestone frgmnts, sl oxidation @84. At 87.5 a 2" saturated limestn provenance sand (coarse+well sorted), return to lime mud w/ clasts matrix. @91.5 begin to see larger clast size, fractured in hockey puck breaks.				
		BEDROCK: Rock is vuggy limestone BEDROCK, fossiliferous, exhibited secondary recrystallization/precipitate structures + fractures: stylolites, calcite crystallization within voids etc. based on these observations it's apparent that this zone is a H2O bearing zone.				
100						Bentonite-pelletS Sand pack PVC Sch 40



WELL CONSTRUCTION LOG

WELL NO.: **MW-0617-s1**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **M. Griles**
 DATE STARTED: **3/5/2007 10:00:00 AM**
 DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **T. Hill**
 DRILLING METHOD: **ROTO-SONIC**
COORDINATES:
Northing: 1913575.4
Easting: 198070.9
Elevation: 826.96

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		FILL: V. moist/perched zone. Engineered limestone/crushed FILL, poor recovery due to gravel/rock in bit	MW-0617-s1-01		0	PVC Sch 40
			MW-0617-s1-02		0	Bent-cement grout
			MW-0617-s1-03		0	
5		CLAY: 10 YR 5/6 CH-CI plastic, pliable, brown CLAY, silty with embedded subrounded pebbles and gravels, gray and rust mottling within clay.	MW-0617-s1-04		4.1	
			MW-0617-s1-05		22.3	
10			MW-0617-s1-06		1562	
		CLAY: 10 YR 3/1 MC-CL gray silty CLAY, compact, hard, firm, compact, cohesive, highly friable @ times w/ slight odor (glacial till).	MW-0617-s1-07		319	
15			MW-0617-s1-08		10.7	
			MW-0617-s1-09		50.8	
20			MW-0617-s1-10		38.4	
			MW-0617-s1-11		0.6	Bentonite-pelletS
			MW-0617-s1-12		0	Sand pack
25		SAND: 10 YR 5/1 SM-SP poorly graded saturated SAND, Sudan IV field test negative @ 25', subrounded coarse grained sand, pebbles + gravels in mix. dirty sand (high fine count at end of interval).	MW-0617-s1-13		0	PVC Sch 40
			MW-0617-s1-14		0	
30		CLAY: 10 YR 3/1 ML-CL, gray silty CLAY, hard, firm, compact, coarse, high fines, subrounded pebbles + gravels in matrix.	MW-0617-s1-15		0	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0617-s2**

TOTAL DEPTH: **70.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, IN**
 LOGGED BY: **M. Griles**
 DATE STARTED: **3/2/2007 8:30:00 AM**
 DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Keifer/S. Mannine**
 DRILLING METHOD: **mini-sonic**
COORDINATES:
Northing: 1913579.8
Easting: 198080.2
Elevation: 826.95

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		FILL: Engineered limestone FILL, sandy gravel, crushed limestone mix w/ clay 4.5-7.5	MW-0617-s2-01		9.0	PVC Sch 40
			MW-0617-s2-02		74.3	Bent-cement grout
			MW-0617-s2-03		381	
			MW-0617-s2-04		1136	
		CLAY: 10 YR 5/6 CH/CL plastic, pliable, brown	MW-0617-s2-05	pos	4807	
10		CLAY, silty w/ embedded subrounded pebbles + gravels, gray + rust mottling, some odor, very moist due to perch	MW-0617-s2-06	neg	320	
			MW-0617-s2-07	neg	96.8	
		CLAY: 10 YR 3/1 ML/CL, gray silty CLAY, hard, firm, compact, cohesive w/ embedded subrounded pebbles + gravels; clay matrix (glacial till)	MW-0617-s2-08	pos	8821	
15			MW-0617-s2-09	neg	>9999	
			MW-0617-s2-10	neg	4370	
			MW-0617-s2-11		323	
			MW-0617-s2-12		172	
		SAND: 10 YR 5/1 SM-SP, medium to coarse grained SAND, gray, saturated, loose, subrounded, poorly sorted/well graded, SUDAN IV test neg. @ 27', abrupt change to fill @ 30.0'.	MW-0617-s2-13		13.1	
25			MW-0617-s2-14	neg	25.3	
			MW-0617-s2-15		8.2	
30		CLAY: 10 YR 3/1 ML/CL, gray silty CLAY, hard, firm, compact, cohesive w/ embedded subrounded pebbles + gravels; clay matrix (glacial till)	MW-0617-s2-16		6.1	
			MW-0617-s2-17		2.3	
			MW-0617-s2-18		0.9	
			MW-0617-s2-19		1.2	
			MW-0617-s2-20		2.2	
			MW-0617-s2-21		1.8	
			MW-0617-s2-22		3.1	
			MW-0617-s2-23		2.2	
			MW-0617-s2-24		1.7	
			MW-0617-s2-25		1.9	
			MW-0617-s2-26		2.1	
			MW-0617-s2-27		3.2	
			MW-0617-s2-28		1.3	
			MW-0617-s2-29	neg	0.9	Bentonite-pelletS
		SAND: 10 YR 5/1 SM-SP, med to coarse grained SAND, gray, saturated, loose, subrounded, poorly sorted/well graded, SUDAN IV test neg. @ 55.5'.	MW-0617-s2-30		0.7	Sand pack
60			MW-0617-s2-31		1.1	PVC Sch 40
			MW-0617-s2-32		1.1	
			MW-0617-s2-33		1.1	
65		WEATHERED BEDROCK: WEATHERED BEDROCK w/ lime mud matrix, w/ broken/insite fractured clasts of native limestone, fossiliferous.				
70						



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0618-S1**

TOTAL DEPTH: **28.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **10/16/2006 11:30:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

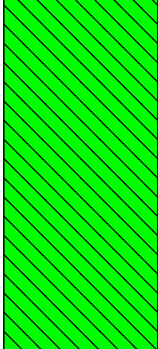
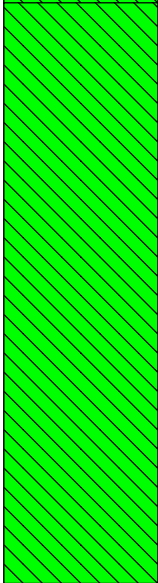
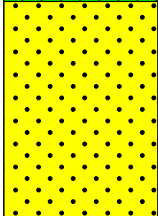
DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914289.2

Easting: 198352.3

Elevation: 825.31

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		ASPHALT: ASPHALT	MW-0618-S1-01	0.4	PVC Sch 40 Bent-cement grout
		FILL: FILL dirt, gravel.	MW-0618-S1-02	0.4	
		CLAY: 10YR 3/1 gray ML/CL CLAY, Silty sandy clay, plastic, pliable, cohesive, moist, rust and gray mottling, embedded subrounded pebbles & gravels.	MW-0618-S1-03	0.8	
5			MW-0618-S1-04	0.0	
			MW-0618-S1-05	0.4	
10		CLAY: 10YR 3/1 gray ML/CL, CLAY, silty (clay till), hard, firm, compact, friable @ times, embedded pebbles & gravels, dry.	MW-0618-S1-06	0.4	Bentonite-pellets
			MW-0618-S1-07	0.4	
			MW-0618-S1-08	0.0	
15			MW-0618-S1-09	0.0	
			MW-0618-S1-10	0.8	
20			MW-0618-S1-11	0.4	
			MW-0618-S1-12	0.4	
25		SAND: 10YR 5/1 gray SM SAND, very silty, coarse gravel, subrounded, poorly sorted/well-med graded, wet/saturated, 1" stringers (3 times) found within the first 2' of this sand package.	MW-0618-S1-13	0.4	Sand pack
			MW-0618-S1-14	0.8	
					PVC Sch 40



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0619-S1**

TOTAL DEPTH: **26.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/9/2006 8:30:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **J. Keifer**

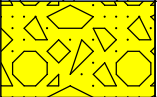
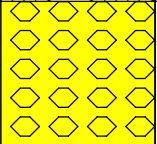
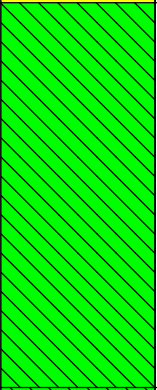
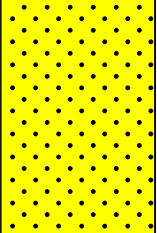
DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914180.3

Easting: 197982.9

Elevation: 827.66

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL.	MW-0619-S1-01	0.0	PVC Sch 40 Bentonite-pellets
		FILL: FILL dirt.	MW-0619-S1-02	0.0	
		PEBBLES: Backfill PEBBLES, concrete & PVC pipe.	MW-0619-S1-03	0.8	
5		CLAY: 10YR 5/2 brown CH/CI silty sandy CLAY, plastic, pliable w/ rust & gray mottling, embedded pebbles & gravels of subrounded grains.	MW-0619-S1-04	1.2	Sand pack
			MW-0619-S1-05	1.2	
			MW-0619-S1-06	2.0	
			MW-0619-S1-07	1.6	
			MW-0619-S1-08	0.0	
10		CLAY: 10YT 3/1 gray ML/CL, silty CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles & gravels (glacial till). At 18-18.5', 6" of poorly graded, moist sand, very silty, return to till afterwards.	MW-0619-S1-09	0.4	
			MW-0619-S1-10	0.4	
			MW-0619-S1-11	0.8	
20		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, poorly graded, well sorted, wet.	MW-0619-S1-12	0.4	PVC Sch 40
25			MW-0619-S1-13	0.4	



WELL CONSTRUCTION LOG

WELL NO.: **MW-0620-S1**

TOTAL DEPTH: **55.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/9/2006 12:00:00 PM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **J. Keifer**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914129

Easting: 197860

Elevation: 827.73

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	SUDAN IV	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0620-S1-01		2.0	PVC Sch 40 Bentonite-pelletS
		FILL: FILL Dirt.	MW-0620-S1-02		3.6	
			MW-0620-S1-03		5.3	
5		CLAY: 10YR 5/3 brown CH/CI, silty sandy CLAY, plastic, pliable w/ rust & gray colored mottling, embedded pebbles & gravels (subrounded), increased plasticity with depth.	MW-0620-S1-04		5.6	Sand pack
			MW-0620-S1-05	Neg.	68.3	
10			MW-0620-S1-06		72.4	
			MW-0620-S1-07	Neg.	15.6	
			MW-0620-S1-08		47.6	
15		SAND: 10YR 5/2 grayish brown SP silty SAND, poorly graded coarse-grained sands, wet. At 15' there is a 1.5" stringer of clay till, sand above (from 13.5-15') is very moist, sand continues to 49'.	MW-0620-S1-09		28.3	PVC Sch 40
			MW-0620-S1-10		31.2	
20			MW-0620-S1-11		4.8	
			MW-0620-S1-12		2.0	
			MW-0620-S1-13		0.8	
25			MW-0620-S1-14		1.2	
			MW-0620-S1-15		1.2	
			MW-0620-S1-16		0.8	
			MW-0620-S1-17		0.8	
35			MW-0620-S1-18		0.4	
			MW-0620-S1-19		0.4	
			MW-0620-S1-20		0.4	
40			MW-0620-S1-21		0.0	
			MW-0620-S1-22		0.4	
45			MW-0620-S1-23		0.0	
			MW-0620-S1-24		0.4	
			MW-0620-S1-25	Neg.	0.0	
50		CLAY: 10YR 3/1 gray ML/CL CLAY, silty, sandy, hard, firm, compact, cohesive, competent, w/ embedded subrounded pebbles & gravels.	MW-0620-S1-26		0.0	
			MW-0620-S1-27		0.0	
55			MW-0620-S1-28		0.0	



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0621-S1**

TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/8/2006 4:00:00 PM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **J. Keifer**

DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914069.6

Easting: 198015.6

Elevation: 827.12

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0621-S1-01	0.4	PVC Sch 40 Bentonite-pellets
		CLAY: 10YR 5/3 brown CH/CL, silty, sandy CLAY, plastic, pliable, rust & gray colored mottling, embedded pebbles & gravels (subrounded).	MW-0621-S1-02	0.4	
			MW-0621-S1-03	0.4	
			MW-0621-S1-04	0.8	
			MW-0621-S1-05	0.8	
			MW-0621-S1-06	0.8	
			MW-0621-S1-07	0.8	
		CLAY: 10YR 3/1 gray ML/CL silty CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles & gravel, dry (glacial till).	MW-0621-S1-08	0.8	
			MW-0621-S1-09	0.8	
			MW-0621-S1-10	0.8	Sand pack
		SAND: 10YR 5/1 gray SM silty SAND, coarse grained, medium sorting, medium grading, wet.	MW-0621-S1-11	0.4	PVC Sch 40
			MW-0621-S1-12	0.8	
			MW-0621-S1-13	0.8	
25					



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0622-S1**

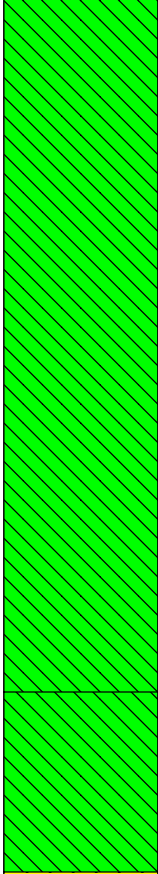
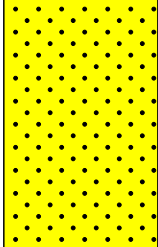
TOTAL DEPTH: **24.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, IN**
LOGGED BY: **M. Griles**
DATE STARTED: **11/10/2006 1:30:00 PM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jim Robinson**
DRILLING METHOD: **Mini-Sonic**
COORDINATES:
Northing: 1914188.1
Easting: 197771.3
Elevation: 828.85

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0622-S1-01	0.0	Bentonite-pellets
		CLAY: 10YR 5/3 brown CH/CI, silty sandy CLAY, plastic, pliable, rust & gray colored mottling, embedded pebbles & gravel (subrounded)	MW-0622-S1-02	0.0	PVC Sch 40
5			MW-0622-S1-03	0.0	
			MW-0622-S1-04	0.4	
			MW-0622-S1-05	0.4	
10			MW-0622-S1-06	1.2	
			MW-0622-S1-07	4.5	
			MW-0622-S1-08	6.1	
15		CLAY: 10YR 3/1 gray ML/CL, silty CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles & gravel, dry, glacial till.	MW-0622-S1-09	2.6	Sand pack
			MW-0622-S1-10	4.5	
20		SAND: 10YR 5/1 gray SM silty SAND, coarse gravel, medium sorting, medium grading, wet.	MW-0622-S1-11	2.0	PVC Sch 40
			MW-0622-S1-12	4.0	



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WELL CONSTRUCTION LOG

WELL NO.: **MW-0622-S2**

TOTAL DEPTH: **70.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, IN**

LOGGED BY: **M. Griles**

DATE STARTED: **11/8/2006 11:35:00 AM**

DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jim Robinson**

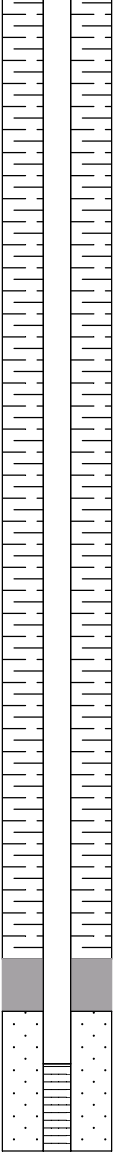
DRILLING METHOD: **Mini-Sonic**

COORDINATES:

Northing: 1914191.9

Easting: 197768.1

Elevation: 828.87

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	SAMPLE ID	PID (ppm)	WELL CONSTRUCTION DETAILS
0		TOPSOIL: TOPSOIL	MW-0622-S2-01	0.0	 Bent-cement grout PVC Sch 40 Bentonite-pellets Sand pack PVC Sch 40
5		CLAY: 10YR 5/3 brown CH/CI, silty sandy CLAY, plastic, pliable, rust & gray colored mottling, embedded pebbles & gravel (subrounded)	MW-0622-S2-02	0.0	
			MW-0622-S2-03	0.0	
			MW-0622-S2-04	0.4	
			MW-0622-S2-05	0.4	
			MW-0622-S2-06	1.2	
			MW-0622-S2-07	4.5	
			MW-0622-S2-08	6.1	
			MW-0622-S2-09	2.6	
			MW-0622-S2-10	4.5	
			MW-0622-S2-11	2.0	
			MW-0622-S2-12	4.0	
			MW-0622-S2-13	1.2	
			MW-0622-S2-14	0.8	
			MW-0622-S2-15	0.4	
			MW-0622-S2-16	0.8	
			MW-0622-S2-17	0.8	
			MW-0622-S2-18	0.4	
			MW-0622-S2-19	0.4	
			MW-0622-S2-20	0.8	
			MW-0622-S2-21	0.4	
			MW-0622-S2-22	0.4	
			MW-0622-S2-23	0.4	
			MW-0622-S2-24	0.8	
			MW-0622-S2-25	0.8	
			MW-0622-S2-26	0.4	
			MW-0622-S2-27	0.4	
			MW-0622-S2-28	0.8	
15		CLAY: 10YR 3/1 gray ML/CL, silty CLAY, hard, firm, compact, competent, w/ embedded subrounded pebbles & gravel, dry, glacial till.			
20		SAND: 10YR 5/1 gray SM silty SAND, coarse gravel, medium sorting, medium grading, wet.			



BORING LOG

BORING LOG: SB-0501
TOTAL DEPTH: 10.00

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 9/12/2005
DATE COMPLETED: 9/12/2005

DRILLING CO.: Boart Longyear
DRILLER: J. Stone
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1914797.7
EASTING: 197700.6
ELEVATION: 829.61

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT/ fill			
		CLAY: 5YR 3/2 dark olive gray with green mottling soft, plastic, cohesive, moisture increasing with depth CLAY with trace pebbles, subrounded			
-5		TILL: 10YR 5/4 well graded , clayey, silty, sandy, TILL with trace gravel and pebbles, cohesive, competent, non-plastic, slightly moist			
		SAND: YR 5/4 poorly graded SAND , slightly moist			
-10		CLAY: 10YR 4/4 well graded, silty, sandy, CLAY (till), cohesive, slightly moist			



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BORING LOG

BORING LOG: **SB-0502**

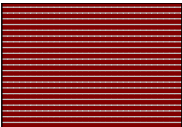
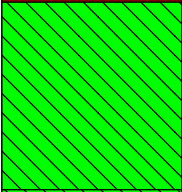
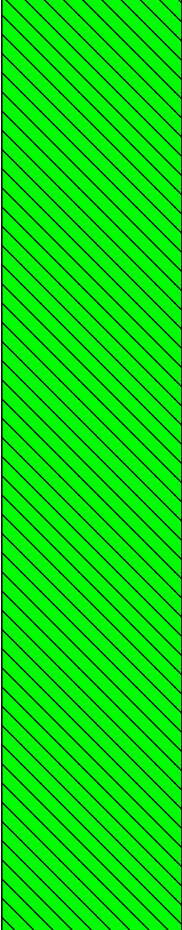
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/12/2005**
DATE COMPLETED: **9/12/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914664.2
EASTING: 197672.8
ELEVATION: 829.70

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT/ fill			
		CLAY: 5YR 3/2 dark olive gray CLAY with green mottling, soft plastic, cohesive			
		CLAY: 10YR 4/4 well graded, silty, sandy, CLAY, with trace gravel, red and yellow streaks, cohesive, competent, slightly moist, non-plastic till, with organics and humus detritus			
-5					
-10					



ARCADIS

BORING LOG

BORING LOG: **SB-0503**

TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/12/2005**
DATE COMPLETED: **9/12/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Soil Boring**
COORDINATES
NORTHING: 1914565.6
EASTING: 197884.4
ELEVATION: 828.50

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT/ fill/ brick		SB-0503-01	9.2
				SB-0503-02	11.5
		CLAY: 5YR 3/2 dark olive gray/ black CLAY with trace sand, moist, poorly graded, plastic, non-competent, cohesive		SB-0503-03	0.0
-5		CLAY: 10YR 5/4 silty, sandy, CLAY with trace gravel and sand, yellowish brown, competent, cohesive, slightly plastic, slightly moist		SB-0503-04	2.0
				SB-0503-05	0.0
-10					



BORING LOG

BORING LOG: **SB-0504**

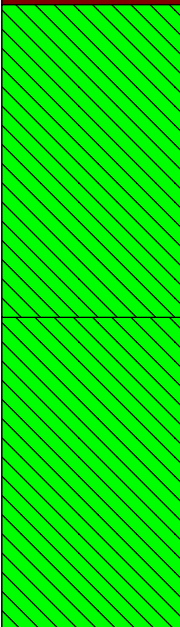
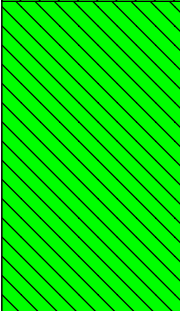
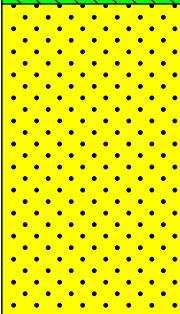
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/12/2005**
DATE COMPLETED: **9/12/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914468.9**
EASTING: **198151.5**
ELEVATION: **827.24**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT/ fill		SB-0504-01	34.3
		CLAY: 10YR 2/2 very dark brown sandy, silty, CLAY with trace gravel and streaks of dark brown, slate apparent in interval, slightly moist		SB-0504-02	4.5
-5		CLAY: 10YR5/4 silty, sandy, CLAY with trace pebbles, increasing moisture with plastic, cohesive		SB-0504-03	31.8
		SAND: 10YR 6/6 SAND, moist/wet, poorly graded, gray stringers/mottling of silt		SB-0504-04	0.0
				SB-0504-05	0.0
-10					



ARCADIS

BORING LOG

BORING LOG: **SB-0505**

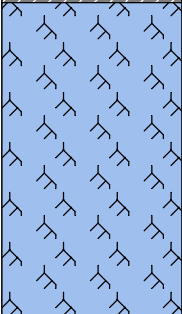
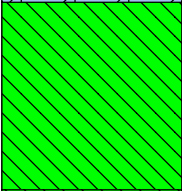
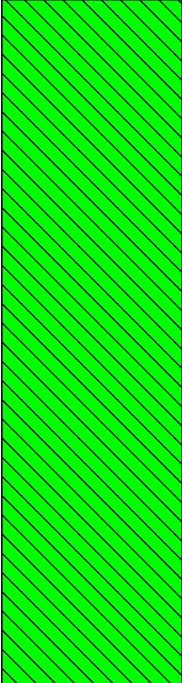
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/12/2005**
DATE COMPLETED: **9/12/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914209.8
EASTING: 197703.1
ELEVATION: 828.91

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CEMENT: CONCRETE		SB-0505-01	1.3
		TOPSOIL: TOPSOIL, cinders, brick		SB-0505-02	0.0
		CLAY: 10YR 2/2 very dark brown CLAY with trace sand and pebbles with reddish brown and gray streaks, plastic, cohesive, slightly moist		SB-0505-03	0.0
-5		CLAY: 10YR 5/4 yellowish brown CLAY with sand, pebbles and trace silt cohesive, plastic, moist		SB-0505-04	0.9
				SB-0505-05	28.0
-10					



BORING LOG

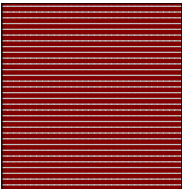
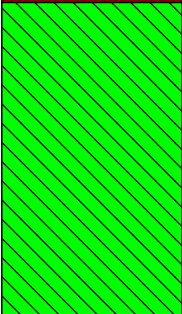
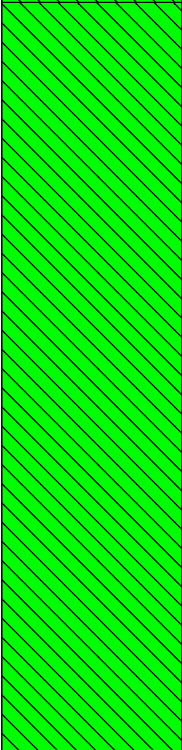
BORING LOG: SB-0506
TOTAL DEPTH: 10.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 9/12/2005
DATE COMPLETED: 9/12/2005

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: J. Stone
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1914024.1
EASTING: 197795.5
ELEVATION: 827.64

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT/ cinders/ gravel		SB-0506-01	0.0
		CLAY: 10YR 2/2 Sandy CLAY, plastic, cohesive		SB-0506-02	0.0
		CLAY: 10YR 5/4 yellowish brown CLAY with sand, silt, trace pebbles and gravel (till), slightly moist and plastic, orange and gray mottling		SB-0506-03	4.1
-5				SB-0506-04	0.0
				SB-0506-05	5.2
-10					



BORING LOG

BORING LOG: **SB-0509**

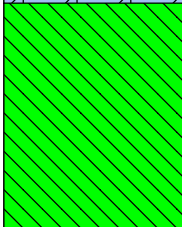
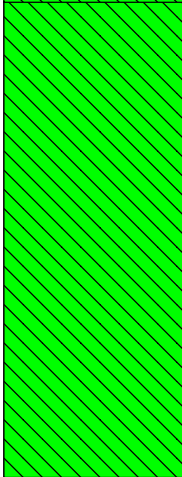
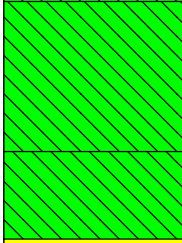
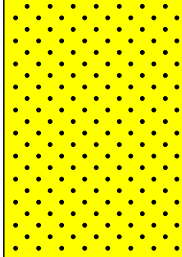
TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/19/2005**
DATE COMPLETED: **9/19/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913832.7**
EASTING: **197908.5**
ELEVATION: **826.81**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL/ cinders		SB-0509-01	1.0
		CLAY: 10YR 3/2 gray CLAY, plastic, pliable, with brown spots and mottling, trace sand and pebbles		SB-0509-02	0.6
-5				SB-0509-03	0.4
		CLAY: 10YR 5/4 yellowish brown CLAY with trace sand, gravel, pebbles, moist, pliable, plastic		SB-0509-04	0.6
-10				SB-0509-05	0.5
				SB-0509-06	0.6
-15				SB-0509-07	1.4
				SB-0509-08	0.8
		CLAY: interval of increased gravel within CLAY matrix, dry and friable		SB-0509-09	0.6
				SB-0509-10	0.9
-20		SAND: 10YR 5/1 Gray coarse SAND with gravel and pebbles, grains are subrounded, wet saturated sand		SB-0509-11	1.0
				SB-0509-12	0.0
-25				SB-0509-13	0.3



BORING LOG

BORING LOG: **SB-0510**

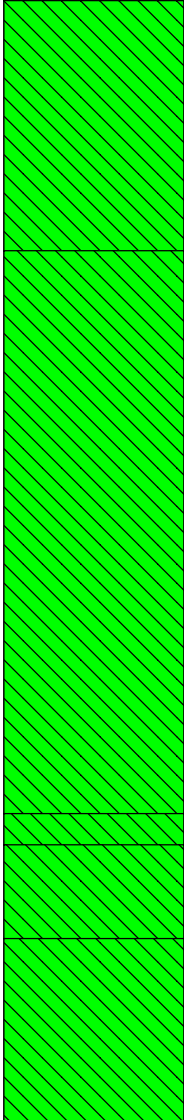
TOTAL DEPTH: **20.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/19/2005**
DATE COMPLETED: **9/19/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913808.2**
EASTING: **197901.8**
ELEVATION: **826.93**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL/ cinders		SB-0510-01	0.6
		CLAY: 10YR 3/2 gray CLAY, plastic, pliable, orange-brown mottling,		SB-0510-02	0.0
				SB-0510-03	0.0
-5		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel, sand, and pebbles, moist, pliable, plastic, water @ 13.5'		SB-0510-04	0.5
				SB-0510-05	0.1
-10				SB-0510-06	0.4
				SB-0510-07	0.5
		CLAY: 10YR 3/2 gray silty, sandy, CLAY, with trace gravel and pebbles, competent, cohesive, non-plastic		SB-0510-08	0.5
-15		CLAY: interval of increased gravel in till/ gray CLAY matrix		SB-0510-09	0.9
		CLAY: 10YR 3/2 gray silty, sandy, CLAY, with trace gravel and pebbles, competent, cohesive, non-plastic		SB-0510-10	0.5
-20		SAND: 10YR 5/1 coarse gray SAND, wet, subrounded, well graded, water @ 19.75			



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BORING LOG

BORING LOG: **SB-0511**

TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/19/2005**
DATE COMPLETED: **9/19/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913797**
EASTING: **197918.5**
ELEVATION: **826.82**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: cinders/ TOPSOIL		SB-0511-01	0.5
-5		CLAY: 10YR 3/2 gray CLAY with trace sand and pebbles, dry, pliable		SB-0511-02	0.0
				SB-0511-03	0.1
		CLAY: 10YR 5/4 yellowish brown CLAY with trace sand and pebbles, gray and orange mottling, plastic, pliable		SB-0511-04	0.0
				SB-0511-05	0.2
				SB-0511-06	0.2
				SB-0511-07	0.4
		CLAY: 10YR 3/2 gray silty, sandy, CLAY, competent, cohesive, trace sand and gravel, non-plastic		SB-0511-08	0.4
				SB-0511-09	0.9
				SB-0511-10	0.2
-20		SAND: 10YR 5/1 gray coarse SAND. well graded, subrounded, saturated with water at 20'		SB-0511-11	0.3
				SB-0511-12	0.2
				SB-0511-13	0.6
				SB-0511-14	0.6
-30				SB-0511-15	0.5
				SB-0511-16	0.3
-35		CLAY: 10YR 3/2 gray silty, sandy, CLAY, competent, cohesive, trace sand and gravel, nonplastic (till)			



BORING LOG

BORING LOG: **SB-0512**

TOTAL DEPTH: **34.50**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/19/2005**
 DATE COMPLETED: **9/19/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**
COORDINATES
 NORTHING: 1913898.7
 EASTING: 197928.4
 ELEVATION: 826.81

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		ASPHALT: ASPHALT/ till/ topsoil		SB-0512-01		0.0
		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel, sands, and pebbles, orange and gray mottling, plastic, pliable		SB-0512-02		0.0
		CLAY: 10YR 3/2 gray sandy, silty, CLAY, pliable, plastic, trace gravel, pebbles and sand, with brown mottling		SB-0512-03		0.0
-5		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel, sands, and pebbles, orange and gray mottling, moist and expanding		SB-0512-04		0.0
				SB-0512-05		5.1
-10				SB-0512-06		1.6
		CLAY: 10 YR 3/2 gray sandy, silty, CLAY, competent, cohesive, non-plastic, trace gravel, pebbles, and sand, dry		SB-0512-07		6.3
-15		SAND: 10YR 5/1 coarse grained, well graded SAND, with pebbles and gravel, wet, subrounded grains		SB-0512-08	neg	10.7
		CLAY: 10YR 3/2 gray sandy, silty, CLAY, competent, cohesive, non-plastic, trace gravel, pebbles, and sand		SB-0512-09		4.2
				SB-0512-10		10.7
-20				SB-0512-11		4.7
		SAND: 10YR 5/1 coarse grained, well graded SAND, with pebbles and gravel, wet		SB-0512-12		1.0
-25				SB-0512-13		0.0
				SB-0512-14		0.0
				SB-0512-15		0.0
-30				SB-0512-16		0.0
				SB-0512-17	neg	0.1
		CLAY: 10YR 3/2 gray sandy, silty, CLAY, competent, cohesive, non-plastic, non-pliable, trace gravel, pebbles, and sand		SB-0512-18		0.4



BORING LOG

BORING LOG: **SB-0513**

TOTAL DEPTH: **35.00**

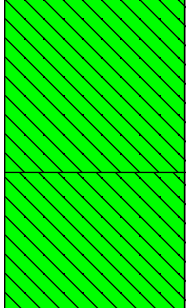
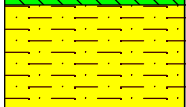
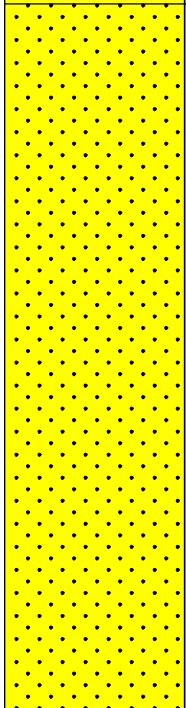
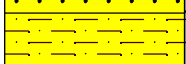
PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **9/16/2005**
 DATE COMPLETED: **9/16/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1913940.2
 EASTING: 197944.8
 ELEVATION: 827.00

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0513-01		0.0
-5		CLAY: brown silty, sandy, CLAY, plastic, cohesive, sticky, moist, gray mottling		SB-0513-02		0.0
				SB-0513-03		0.0
				SB-0513-04		0.7
		CLAY: dark yellowish brown, silty, sandy, CLAY, non-plastic, cohesive, non-sticky, moist, trace gravel, gray and rust colored mottling		SB-0513-05		1.1
-10		SILT: gray clayey SILT, slightly plastic, cohesive, non-sticky, moist, trace gravel, firm		SB-0513-06		2.9
				SB-0513-07		13.0
-15		SAND: gray medium to coarse SAND and gravel, wet, subrounded, poorly graded		SB-0513-08		18.7
				SB-0513-09		21.6
				SB-0513-10		20.4
-20				SB-0513-11		32.6
				SB-0513-12		28.2
				SB-0513-13		24.3
-25				SB-0513-14		20.1
				SB-0513-15		11.8
-30				SB-0513-16		17.3
				SB-0513-17	neg	10.1
-35		SILT: gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel, firm		SB-0513-18		6.9



BORING LOG

BORING LOG: **SB-0514**

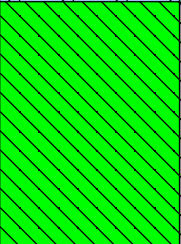
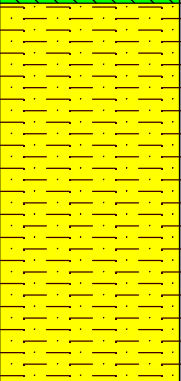
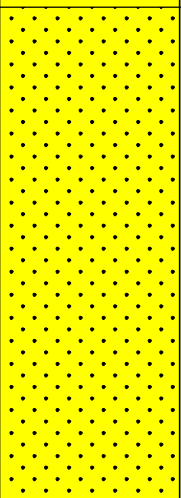
TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **9/16/2005**
 DATE COMPLETED: **9/16/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**
COORDINATES
 NORTHING: 1913909.2
 EASTING: 197974.4
 ELEVATION: 826.54

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0514-01		0.0
-5		CLAY: dark yellowish brown silty, sandy, CLAY, plastic, cohesive, sticky, moist, trace gravel		SB-0514-02		0.2
				SB-0514-03		0.0
				SB-0514-04		1.9
-10		SILT: gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel		SB-0514-05		2.7
				SB-0514-06		13.7
				SB-0514-07		14.2
				SB-0514-08		11.9
				SB-0514-09		20.6
				SB-0514-10		21.2
-20		SAND: gray medium to coarse SAND and gravel, wet, subrounded, poorly graded		SB-0514-11		18.7
				SB-0514-12		44.7
				SB-0514-13		20.6
				SB-0514-14		14.9
				SB-0514-15		15.2
				SB-0514-16		12.6
				SB-0514-17	neg	5.9
-35		SILT: gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel		SB-0514-18		4.3



BORING LOG

BORING LOG: **SB-0515**
TOTAL DEPTH: **20.00**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	GM/ENCORE (GM Delco Plant 5)	DRILLING CO.:	Boart Longyear
SITE LOCATION:	Kokomo, Indiana	DRILLER:	R. Gordon
LOGGED BY:	M. Griles	DRILLING METHOD:	Geoprobe
DATE STARTED:	9/21/2005	COORDINATES	
DATE COMPLETED:	9/21/2005		
		NORTHING:	1913648.6
		EASTING:	198001.9
		ELEVATION:	827.25

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		GRAVEL: GRAVEL/ slag at bottom of interval		SB-0515-01	0.9
		CLAY: 10YR 5/4 yellowish brown CLAY with trace sand and pebbles, plastic, pliable		SB-0515-02	0.0
				SB-0515-03	0.3
-5				SB-0515-04	0.9
				SB-0515-05	1.3
-10		CLAY: 10YR 5/4 yellowish brown CLAY with trace sand and pebbles, plastic, pliable, 10-12.5' interval of increased moisture		SB-0515-06	1.5
				SB-0515-07	1.0
		CLAY: 10YR 3/2 sandy, silty, CLAY, gray competent, cohesive, trace sand and gravel, pebbles		SB-0515-08	1.0
-15				SB-0515-09	0.2
		SAND: 10YR 5/1 coarse grained, saturated, well graded, gray SAND		SB-0515-10	0.0
-20					



ARCADIS

BORING LOG

BORING LOG: **SB-0516**

TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/20/2005**
DATE COMPLETED: **9/20/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913672.1**
EASTING: **198013.8**
ELEVATION: **827.47**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL/ gravel		SB-0516-01	1.0
-5		CLAY: 10YR 5/4 yellowish brown CLAY, with trace gravel, pebbles, and sand, gray mottling, at 3.0-3.1' interval of wet gravel with green/brown, organic odor (sewage?)		SB-0516-02	1.6
				SB-0516-03	3.2
				SB-0516-04	5.4
				SB-0516-05	4.2
				SB-0516-06	3.5
				SB-0516-07	0.4
				SB-0516-08	0.5
				SB-0516-09	0.2
				SB-0516-10	0.2
				SB-0516-11	0.0
				SB-0516-12	0.1
				SB-0516-13	0.0
				SB-0516-14	0.0
				SB-0516-15	0.0
				SB-0516-16	0.0
				SB-0516-17	0.0
				SB-0516-18	0.0
-35		CLAY: 10YR 3/2 gray CLAY, competent, silty, sandy, clay, with trace gravel, pebbles, and sand (subrounded)			



ARCADIS

BORING LOG

BORING LOG: **SB-0517**

TOTAL DEPTH: **35.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/20/2005**
DATE COMPLETED: **9/20/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913674.9**
EASTING: **197985.1**
ELEVATION: **827.59**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL/ cinders/ gravel		SB-0517-01	0.9
-5		CLAY: 10YR 5/4 yellowish brown, pliable, plastic, CLAY, trace gravel sand and pebbles		SB-0517-02	1.9
				SB-0517-03	4.2
				SB-0517-04	3.4
				SB-0517-05	6.5
-10				SB-0517-06	10.9
				SB-0517-07	7.5
-15		CLAY: 10YR 3/2 gray sandy, silty, CLAY/till with trace gravel, sand, and pebbles, non-plastic, cohesive, competent		SB-0517-08	1.0
		SAND: SAND stringer, wet		SB-0517-09	1.0
		CLAY: 10YR 3/2 gray sandy, silty, CLAY/till with trace gravel, sand, and pebbles, non-plastic, cohesive, competent		SB-0517-10	1.0
-20		SAND: SAND stringer, wet		SB-0517-11	1.2
		CLAY: 10YR 3/2 gray sandy, silty, CLAY/till with trace gravel, sand, and pebbles, non-plastic, cohesive, competent		SB-0517-12	1.2
-25				SB-0517-13	1.2
		SAND: 10YR 5/1 gray coarse SAND, well graded, saturated		SB-0517-14	1.2
-30				SB-0517-15	0.8
				SB-0517-16	0.6
				SB-0517-17	0.0
-35		TILL: 10YR 3/2 gray TILL with brown mottling, competent, cohesive			



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BORING LOG

BORING LOG: **SB-0518**

TOTAL DEPTH: **20.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/21/2005**
DATE COMPLETED: **9/21/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913665.3**
EASTING: **198002.3**
ELEVATION: **827.31**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		GRAVEL: GRAVEL		SB-0518-01	0.8
		CLAY: 10YR 5/4 yellowish brown CLAY, with trace gravel, pebbles, and sand, pliable, plastic, moisture increase		SB-0518-02	0.7
				SB-0518-03	0.9
-5				SB-0518-04	1.2
				SB-0518-05	1.5
-10				SB-0518-06	1.0
				SB-0518-07	1.0
		CLAY: 10YR 3/2 competent, cohesive, silty, sandy, gray CLAY (till) with trace gravel, pebble and sand		SB-0518-08	1.0
-15				SB-0518-09	0.8
		SAND: 10YR 5/1 coarse grained, subrounded, well graded, gray SAND, saturated		SB-0518-10	0.0
-20					



BORING LOG

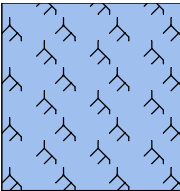
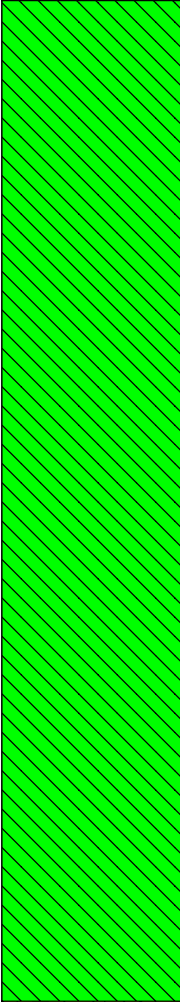
BORING LOG: **SB-0519**
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/21/2005**
DATE COMPLETED: **9/21/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913676
EASTING: 198049.8
ELEVATION: 827.49

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0519-01	56.0
		CLAY: 10YR 5/4 yellowish brown plastic, pliable, CLAY with increased staining and odor (hydrocarbon)		SB-0519-02	563.0
				SB-0519-03	312.0
-5					
		TILL: 10YR 3/2 gray clay TILL, silty sandy, trace gravel and sand			
-10					



BORING LOG

BORING LOG: **SB-0520**

TOTAL DEPTH: **25.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/21/2005**
 DATE COMPLETED: **9/21/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1913657.9
 EASTING: 198025.2
 ELEVATION: 827.48

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		GRAVEL: GRAVEL/ with coal and black staining @ .5-1.0'		SB-0520-01		0.8
		CLAY: 10YR 5/4 brownish yellow CLAY, pliable, plastic, with trace gravel, sand, and pebbles, sand stringers @ 4.15', wet with water		SB-0520-02		10.2
				SB-0520-03		37.6
-5		CLAY: 10YR 4/1 gray plastic, very moist, CLAY, pliable with trace sand and gravel		SB-0520-04	neg	22.2
		CLAY: 10Yr 5/4 yellowish brown CLAY with trace gravel, pebbles and sand, saturated with water, plastic, pliable		SB-0520-05		32.7
-10		SAND: SAND stringer		SB-0520-06	neg	21.2
		CLAY: 10Yr 5/4 yellowish brown CLAY with trace gravel, pebbles and sand, saturated with water, plastic, pliable		SB-0520-07		10.2
				SB-0520-08	neg	0.9
-15		SAND: SAND stringer		SB-0520-09		1.0
		CLAY: 10YR 3/2 gray CLAY with trace gravel, sand, and pebble, competent, cohesive, (till)		SB-0520-10		1.0
-20		SAND: 10YR 5/1 coarse grained gray SAND, wet, well graded		SB-0520-11		1.0
				SB-0520-12		0.8
-25		CLAY: 10YR 3/2 gray silty, sandy, CLAY (till), cohesive, competent		SB-0520-13		0.0



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BORING LOG

BORING LOG: **SB-0521**

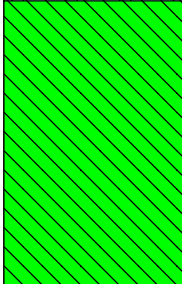
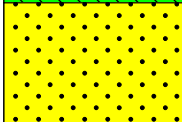
TOTAL DEPTH: **22.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/19/2005**
DATE COMPLETED: **9/19/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913709.5**
EASTING: **198033**
ELEVATION: **827.44**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0521-01	0.9
		CLAY: 10YR 5/4 yellowish brown CLAY, trace gravel, sand, pebbles, dry and friable		SB-0521-02	0.2
-5				SB-0521-03	2.6
				SB-0521-04	3.0
		CLAY: 10YR 5/4 yellowish brown CLAY, trace gravel, sand, pebbles, plastic and pliable		SB-0521-05	2.6
-10				SB-0521-06	13.5
		CLAY: 10YR 3/2 gray silty, sandy, CLAY, non-plastic, cohesive, competent, @ 13.5 stringers of sand mixed with clay, wet		SB-0521-07	42.2
				SB-0521-08	23.7
-15		CLAY: interval of increased gravel within CLAY/till matrix		SB-0521-09	0.0
		CLAY: 10YR 3/2 gray silty, sandy, CLAY, non-plastic, cohesive, competent		SB-0521-10	0.0
-20		SAND: 10YR 5/1 coarse grained SAND, well graded, subrounded			



BORING LOG

BORING LOG: **SB-0522**

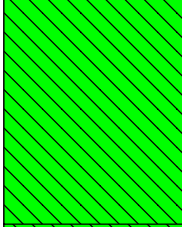
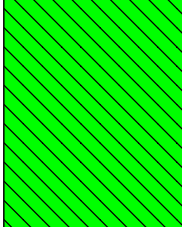
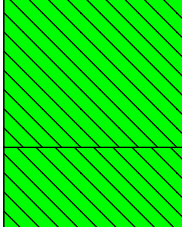
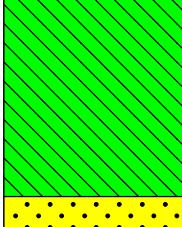
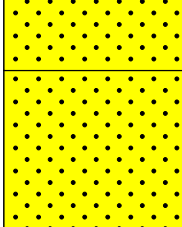
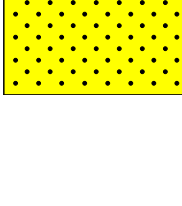
TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/20/2005**
DATE COMPLETED: **9/20/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1913694.6**
EASTING: **198030.8**
ELEVATION: **828.17**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0522-01	0.0
		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, dry and friable		SB-0522-02	0.0
-5		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-03	40.1
		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-04	68.2
-10		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-05	273.0
		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-06	75.2
-15		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-07	1.5
		CLAY: 10YR 5/4 yellowish brown CLAY with trace gravel and sand, gray and orange mottling, plastic and pliable, @ 10' visible string, odor		SB-0522-08	8.6
-20		SAND: 10YR 5/1 coarse, gray, SAND, well graded grains, dry		SB-0522-09	1.2
		SAND: 10YR 5/1 coarse, gray, SAND, well graded grains, dry		SB-0522-10	1.4
-25		SAND: 10YR 5/1 coarse, gray, SAND, well graded grains, wet, saturated with water		SB-0522-11	1.8
		SAND: 10YR 5/1 coarse, gray, SAND, well graded grains, wet, saturated with water		SB-0522-12	1.6



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BORING LOG

BORING LOG: **SB-0523**

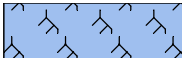
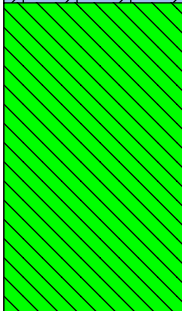
TOTAL DEPTH: **44.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/13/2005**
DATE COMPLETED: **9/13/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914185.4**
EASTING: **198055.7**
ELEVATION: **827.05**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL, dry, w/ gravel and orange humus/detritus		SB-0523-01	40.2
-5		CLAY: Yellowish brown CLAY, w/ streaky mottling of oranges and gray, w/ trace gravel pebbles and sand		SB-0523-02	34.0
-10				SB-0523-03	331.0
-15				SB-0523-04	221.0
-20				SB-0523-05	48.6
-25				SB-0523-06	6.7
-30				SB-0523-07	126
-35				SB-0523-08	87.2
-40				SB-0523-09	19.9
				SB-0523-10	12.5
				SB-0523-11	71.3
				SB-0523-12	136
				SB-0523-13	105
				SB-0523-14	90.3
				SB-0523-15	83.7
				SB-0523-16	4.2
				SB-0523-17	2.3
				SB-0523-18	0.0
				SB-0523-19	0.0
				SB-0523-20	0.0
				SB-0523-21	0.0
				SB-0523-22	0.0
		CLAY: 10 YR 5/1 silty sandy CLAY, w/ trace gravel, sand, moist, cohesive,			



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BORING LOG

BORING LOG: **SB-0524**

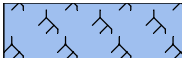
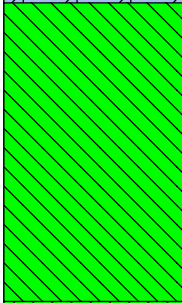
TOTAL DEPTH: **44.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/13/2005**
DATE COMPLETED: **9/13/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914203.4**
EASTING: **198100.8**
ELEVATION: **827.05**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL, gravel		SB-0524-01	4.1
-5		CLAY: 10 YR 5/4 Yellowish brown CLAY w/ sand, trace pebbles, gravel, mottling of orange and gray, slightly cohesive, competent, slightly moist, red streaking		SB-0524-02	3.2
-10				SB-0524-03	0.0
-15				SB-0524-04	34.2
-20				SB-0524-05	6.0
-25				SB-0524-06	0.0
-30				SB-0524-07	0.0
-35				SB-0524-08	0.0
-40				SB-0524-09	0.0
				SB-0524-10	0.0
				SB-0524-11	4.7
				SB-0524-12	0.0
				SB-0524-13	0.0
				SB-0524-14	1.9
				SB-0524-15	3.8
				SB-0524-16	12.6
				SB-0524-17	8.5
				SB-0524-18	7.3
				SB-0524-19	3.0
				SB-0524-20	2.5
				SB-0524-21	1.0
				SB-0524-22	0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0525**

TOTAL DEPTH: **46.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/14/2005**
 DATE COMPLETED: **9/14/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**
COORDINATES
 NORTHING: 1914103.9
 EASTING: 198094
 ELEVATION: 827.08

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/ gravel		SB-0525-01		330
-5		CLAY: 10 YR 5/4 Yellowish brown CLAY w/ mottling of gray and orange, trace gravel, pebbles, sand. slightly moist, cohesive, plastic, non-sticky, @ 2-4' internal staining is present w/ odor		SB-0525-02		265
-10				SB-0525-03		165
-15				SB-0525-04		240
-20				SB-0525-05		495
-25				SB-0525-06		207
-30		CLAY: 10 YR 3/2 gray silty sandy CLAY, w/ trace gravel, pebbles, slightly moist, cohesive, non-plastic, competent, @ 12.0' staining present w/ odor clay/till is plastic + pliable here, directly beneath @ 12.5 - 15.0' interval w/ + gravel (80%), green stain @18		SB-0525-07	pos	687
-35				SB-0525-08		94.4
-40				SB-0525-09		218
-45				SB-0525-10		160
-50				SB-0525-11		6.2
-55				SB-0525-12		3.4
-60		SAND: 10 YR 5/1 coarse SAND, gray, well graded, pebbles + gravel, (water @ 23.75)		SB-0525-13		7.5
-65		CLAY: 10 YR 3/2 Gray silty sandy CLAY, w/ trace gravel, pebbles, slightly moist, non-plastic, cohesive, competent		SB-0525-14		23.8
-70				SB-0525-15		14.3
-75		SAND: 10 YR 5/1 coarse SAND, gray, well graded, pebbles and gravel, h2o saturated		SB-0525-16		9.2
-80				SB-0525-17		15.0
-85				SB-0525-18		5.3
-90				SB-0525-19		49.2
-95				SB-0525-20		2.8
-100				SB-0525-21		6.8
-105				SB-0525-22		1.7
-110				SB-0525-23		2.5
-115				SB-0525-24		0.0



BORING LOG

BORING LOG: **SB-0526**

TOTAL DEPTH: **20.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/13/2005**
 DATE COMPLETED: **9/13/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914153.8
 EASTING: 198095.3
 ELEVATION: 826.99

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/gravel		SB-0526-01		69.1
		CLAY: 10 YR 5/4 Yellowish brown CLAY, w/ pebbles, gravel, and sand, well graded, cohesive, slightly plastic, w/ gray mottling, which increases at end of interval		SB-0526-02		1205.1
-5				SB-0526-03		335
				SB-0526-04		173
				SB-0526-05		282.0
-10				SB-0526-06		314.0
		SAND: 10 YR 5/1 SAND, poorly graded, wet, gray v. moist (water @ 12.5)		SB-0526-07	pos	213.0
		CLAY: 10 YR 3/2 silty sandy CLAY, dark grayish brown, (till), competent, cohesive, non-plastic, gravel and pebbles in matrix		SB-0526-08		487.0
-15				SB-0526-09		2338.0
		SAND: 10 YR 5/1 SAND, medium graded, w/ trace gravel and pebbles, gray (Water @ 16.0')		SB-0526-10		1361
		CLAY: 10 YR 3/2 silty sandy CLAY, dark grayish brown, (till)				
-20						



BORING LOG

BORING LOG: **SB-0527**

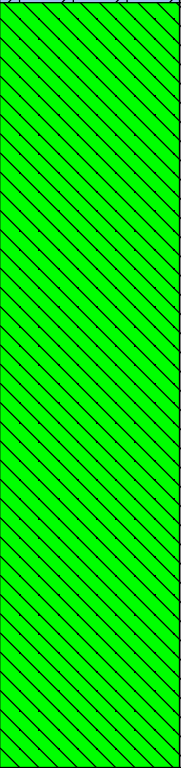
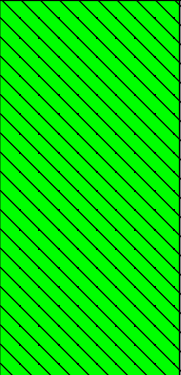
TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/14/2005**
DATE COMPLETED: **9/14/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **N. Connitt**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914102.5
EASTING: 198063.4
ELEVATION: 827.13

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0527-01		1.6
		CLAY: 10 YR 5/4 yellowish brown CLAY, w/ mottling of gray and orange streaks, trace gravel, sand and pebbles		SB-0527-02		0.9
				SB-0527-03		2.7
-5				SB-0527-04		1.4
				SB-0527-05		3.7
-10				SB-0527-06		2.9
		CLAY: 10 YR 3/2 Gray silty sandy CLAY, w/ trace gravel and pebbles, cohesive, competent, non-plastic, @12-14 interval of increased sand and gravel, within clay matrix (dry) and a 4" interval of sand @ 13'8" - 14'		SB-0527-07	pos	22.1
				SB-0527-08		
-15						



BORING LOG

BORING LOG: **SB-0528**

TOTAL DEPTH: **48.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/14/2005**
 DATE COMPLETED: **9/14/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **N. Connitt**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1914104.1
 EASTING: 198043
 ELEVATION: 827.40

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/ gravel (dry)		SB-0528-01		1.2
-5		CLAY: 10 YR 5/4 yellowish brown CLAY, w/ mottling of gray and streaks of orange and dark brown		SB-0528-02		1.4
				SB-0528-03		1.3
				SB-0528-04		1.0
				SB-0528-05		0.6
				SB-0528-06		0.9
		CLAY: 10 YR 3/2 gray silty sandy CLAY, w/ trace gravel, pebbles, slightly moist, cohesive, non-plastic, competent		SB-0528-07		1.0
				SB-0528-08	neg	1.4
		SAND: 10 YR 5/1 Fine grained SAND, wet, poorly graded, (water @16.0')		SB-0528-09	neg	12.2
		CLAY: 10 YR 3/2 gray silty sandy CLAY, w/ trace gravel, pebbles, moist, cohesive, slightly sticky, non-plastic		SB-0528-10		1.4
				SB-0528-11		1.7
				SB-0528-12		7.9
		SAND: 10 YR 5/1 coarse grained SAND w/ subrounded, pebbles and gravel, well graded, saturated		SB-0528-13		5.1
				SB-0528-14		33.7
				SB-0528-15		17.9
				SB-0528-16		3.4
				SB-0528-17		1.6
				SB-0528-18		3.3
				SB-0528-19		3.3
				SB-0528-20		2.9
				SB-0528-21		5.7
				Sb-0528-22		1.7
				SB-0528-23		2.7
		CLAY: 10 YR 3/2 gray silty sandy CLAY, w trace gravel, competent (hard), cohesive, non-plastic		SB-0528-24		0.9



BORING LOG

BORING LOG: **SB-0529**

TOTAL DEPTH: **22.00**

PROJECT INFORMATION

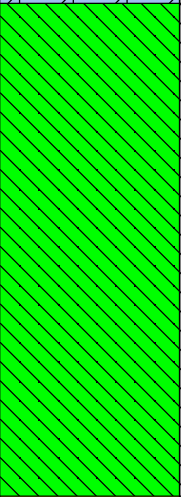
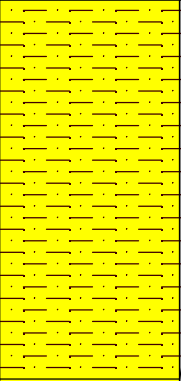
DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **9/14/2005**
 DATE COMPLETED: **9/14/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **Randy Radke**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914105.8
 EASTING: 198141.3
 ELEVATION: 826.39

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0529-01		0.0
-5		CLAY: Brown silty sandy CLAY, plastic, cohesive, sticky, moist, gray mottling		SB-0529-02		1.5
				SB-0529-03		3.6
				SB-0529-04		13.7
				SB-0529-05		21.8
-10				SB-0529-06		32.6
		SILT: gray clayey SILT, nonplastic, cohesive, non-sticky, moist, trace gravel firm		SB-0529-07		47.9
				SB-0529-08		72.4
-15				SB-0529-09	neg	92.1
		SAND: dark gray fine to medium SAND, wet, sub-rounded, poorly graded,		SB-0529-10	pos	189.0
		SILT: gray clayey SILT, nonplastic, cohesive, non-sticky, moist, trace gravel, firm				
-20		SAND: dark gray clayey SAND, wet, odor, plastic, non-cohesive, sticky, soft		SB-0529-11		82.7
		SILT: gray clayey SILT, non-plastic, cohesive, non-sticky, moist, trace gravel				
		SAND: Gray medium to coarse SAND & GRAVEL, wet, sub-rounded, poorly graded				



BORING LOG

BORING LOG: **SB-0530**

TOTAL DEPTH: **24.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/15/2005**
 DATE COMPLETED: **9/15/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **N. Connitt**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914074.6
 EASTING: 198089.2
 ELEVATION: 826.68

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/ gravel (dry soils)		SB-0530-01		0.6
-5		CLAY: 10 YR 5/4 yellowish brown CLAY, w/ mottling of gray and orange streaking, plastic, non-sticky, pliable, slightly moist, cohesive		SB-0530-02		0.0
				SB-0530-03		0.0
				SB-0530-04	neg	0.1
				SB-0530-05		1.2
-10				SB-0530-06		0.2
				SB-0530-07	neg	0.4
				SB-0530-08		1.7
-15				SB-0530-09		0.5
				SB-0530-10		0.2
-20				SB-0530-11	pos	
				SB-0530-12	neg	
		SAND: 10 YR 5/1 Coarse SAND, gray w/ well graded, pebbles, gravel, (water @ 23.75)				



BORING LOG

BORING LOG: **SB-0531**

TOTAL DEPTH: **50.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/15/2005**
 DATE COMPLETED: **9/15/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1914045.3
 EASTING: 198073.2
 ELEVATION: 826.61

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/gravel		SB-0531-01		0.5
-5		CLAY: 10 YR 5/4 yellowish brown CLAY, w/ trace gravel, pebbles, and sand, streaky orange and dark brown mottling w/ gray clay		SB-0531-02		0.1
				SB-0531-03		0.0
				SB-0531-04		0.4
				SB-0531-05		0.6
-10		CLAY: 10 YR 3/2 gray silty sandy CLAY, w/ trace gravel, non-plastic, cohesive, competent, dry (slight moisture at bottom of interval)		SB-0531-06		0.4
				SB-0531-07	neg	0.4
-15		SAND: 10 YR 5/1 gray coarse grained SAND, wet, well graded, subrounded, pebbles and gravel		SB-0531-08		0.4
				SB-0531-09		0.4
-20		CLAY: 10 YR 3/2 gray silty sandy CLAY, moist, slightly plastic, cohesive, competent, 19.5-19.8' SAND stringer, wet		SB-0531-10		0.5
				SB-0531-11		0.8
				SB-0531-12		1.0
-25		SAND: 10 YR 5/1 gray coarse grained SAND, wet, well graded, subrounded grains		SB-0531-13		1.2
				SB-0531-14		0.8
				SB-0531-15		0.0
-30				SB-0531-16		0.2
				SB-0531-17		0.5
-35				SB-0531-18		0.2
				SB-0531-19		0.0
-40				SB-0531-20		0.1
				SB-0531-21		0.1
				SB-0531-22		0.0
-45				SB-0531-23		0.0
				SB-0531-24		0.0
-50		CLAY: 10 YR 3/2 Gray silty sandy CLAY, moist, cohesive, competent		SB-0531-25	neg	0.0



BORING LOG

BORING LOG: **SB-0532**

TOTAL DEPTH: **49.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **9/16/2005**
 DATE COMPLETED: **9/16/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**
COORDINATES
 NORTHING: 1914045.7
 EASTING: 198103.6
 ELEVATION: 826.42

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0532-01		0.6
-5		CLAY: Dark olive brown silty sandy CLAY, plastic cohesive, sticky, moist, gray mottling		SB-0532-02		0.8
				SB-0532-03		2.2
				SB-0532-04		2.1
-10		CLAY: dark yellowish brown silty sandy CLAY, slightly plastic, cohesive, non-sticky, slightly moist, gray and rust colored mottling, trace gravel		SB-0532-05		4.7
				SB-0532-06		3.6
-15		CLAY: Dark olive green silty sandy CLAY, non-plastic, slightly cohesive, non-sticky, slightly moist, black mottling, slight unidentifiable odor		SB-0532-07	neg	5.8
				SB-0532-08		9.6
		SAND: Gray medium to coarse SAND & GRAVEL, wet subrounded poorly graded		SB-0532-09		7.5
-20				SB-0532-10		10.1
		SILT: Gray clayey SILT, nonplastic, cohesive, non-sticky, moist, firm, trace gravel		SB-0532-11		34.6
-25				SB-0532-12		27.2
				SB-0532-13		43.4
-30				SB-0532-14		39.1
				SB-0532-15		41.2
-35				SB-0532-16		10.7
				SB-0532-17		5.6
-40				SB-0532-18		4.1
				SB-0532-19		7.5
-45				SB-0532-20		6.3
				SB-0532-21		4.0
				SB-0532-22		3.9
				SB-0532-23		10.1
				SB-0532-24		2.7
		SAND: Gray medium to coarse SAND & GRAVEL, wet		SB-0532-25		4.9



BORING LOG

BORING LOG: **SB-0533**

TOTAL DEPTH: **36.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **9/20/2005**
 DATE COMPLETED: **9/20/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **R. Gordon**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913694.8
 EASTING: 198000.8
 ELEVATION: 828.23

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0533-01		0.0
-5		CLAY: xxx w lr s/a yellowish brown CLAY, pliable, plastic, tr. gravel, sand & pebbles, gray mottling		SB-0533-02		0.1
				SB-0533-03		0.0
				SB-0533-04		3.0
-10		CLAY: 10 yr 3/2 gray silty, sandy CLAY/TILL w/ tr. gravel pebbles & sand, competent, coh.		SB-0533-05		4.4
				SB-0533-06		41.8
				SB-0533-07	neg	9.2
-15		SAND: 10 yr s/i coarse gray saturated SANDs, well graded; Water @13.5		SB-0533-08		23.6
				SB-0533-09		22.3
				SB-0533-10		3.5
-20				SB-0533-11		40.1
				SB-0533-12		9.2
				SB-0533-13		6.5
				SB-0533-14		3.3
				SB-0533-15		2.1
-30				SB-0533-16		0.5
				SB-0533-17		0.0
-35		CLAY: 10 yr 3/2 gray silty sandy CLAY (Till) w/ tr gravel, competent, coh, non-plastic		SB-0533-18		0.0



BORING LOG

BORING LOG: **SB-0534**

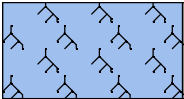
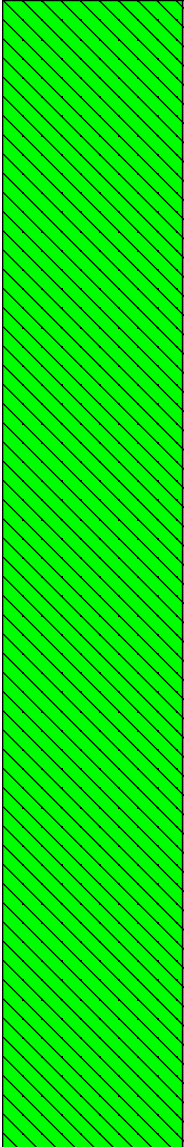
TOTAL DEPTH: **6.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/21/2005**
DATE COMPLETED: **9/21/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913709.2
EASTING: 198016.4
ELEVATION: 827.40

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0534-01	0.0
		CLAY: 10 yr 5/4 yellowish brown CLAY w/ tr. gravel, sand, and pebbles, plastic pliable		SB-0534-02	0.0
				SB-0534-03	0.0
-5				SB-0534-04	52.3



BORING LOG

BORING LOG: **SB-0535**

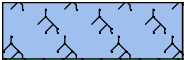
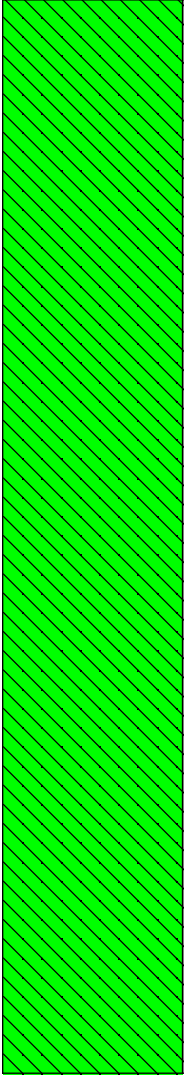
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **9/21/2005**
DATE COMPLETED: **9/21/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **R. Gordon**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913690.6
EASTING: 198069.9
ELEVATION: 827.93

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0535-01	0.5
		CLAY: 10 yr 5/4 yellowish brown CLAY w/ tr. gravel, pebbles, & sand @ 0.5-3.5 interval of dry and increased		SB-0535-02	1.7
				SB-0535-03	32.5
-5				SB-0535-04	0.0
				SB-0535-05	0.0
-10					



BORING LOG

BORING LOG: **SB-0540**

TOTAL DEPTH: **32.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/6/2005**
DATE COMPLETED: **10/6/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe 6610DT**

COORDINATES

NORTHING: 1913910.1
EASTING: 199012.9
ELEVATION: 825.31

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		FILL: FILL		SB-0540-01		0.0
		CLAY: Brown silty sandy CLAY, plastic, coh., sticky, moist		SB-0540-02		0.8
		CLAY: Dark yellowish brown silty sandy CLAY very plastic, coh., sticky, moist, trace gravel, grand & rust colored mottling		SB-0540-03		2.1
-5				SB-0540-04		1.4
				SB-0540-05		4.6
-10		SILT: Gray clayey SILT, nonplastic, coh., nonsticky, moist, trace gravel, firm		SB-0540-06		5.3
				SB-0540-07		6.8
-15				SB-0540-08		2.4
				SB-0540-09		4.7
				SB-0540-10		7.6
-20		SAND: Gray med. to coarse SAND & gravel, wet, sub-rounded, poorly graded; Water @19.5-31.0'		SB-0540-11		10.2
				SB-0540-12		11.4
-25				SB-0540-13		12.7
				SB-0540-14		10.8
				SB-0540-15		11.1
-30		SILT: Gray clayey SILT nonplastic, coh., non-sticky, moist, trace gravel, firm		SB-0540-16	neg	7.7



BORING LOG

BORING LOG: **SB-0541**

TOTAL DEPTH: **28.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **10/6/2005**
 DATE COMPLETED: **10/6/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913479.4
 EASTING: 198989.7
 ELEVATION: 822.78

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		ASPHALT: ASPHALT/FILL		SB-0541-01		0.0
				SB-0541-02		0.2
-5		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive mottling		SB-0541-03		1.4
				SB-0541-04		0.3
				SB-0541-05		2.5
-10				SB-0541-06		3.1
		SILT: Gray clayey SILT, nonplastic, coh, nonsticky, moist, trace gravel, firm		SB-0541-07		4.1
				SB-0541-08		2.6
-15				SB-0541-09		7.8
				SB-0541-10		9.5
-20		SAND: Gray med. to coarse SAND & gravel, wet, sub-rounded, poorly graded; Water @18.0-25.0'		SB-0541-11		8.2
				SB-0541-12		7.7
-25				SB-0541-13	neg	5.7
				SB-0541-14		3.6



ARCADIS

BORING LOG

BORING LOG: **SB-0542**

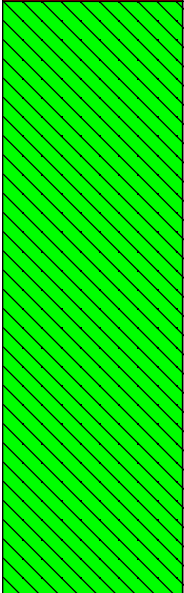
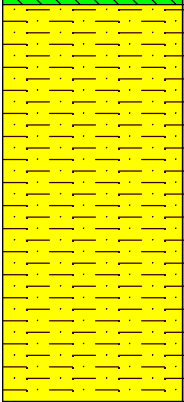
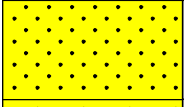
TOTAL DEPTH: **18.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/6/2005**
DATE COMPLETED: **10/6/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Roto-Sonic**
COORDINATES
NORTHING: 1912957.9
EASTING: 198922
ELEVATION: 823.28

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		ASPHALT: ASPHALT/Fill		SB-0542-01		0.0
		CLAY: Dark yellowish brown silty sandy CLAY, plastic, coh., sticky, moist, gray & rust colored mottling		SB-0542-02		0.2
				SB-0542-03		0.8
-5				SB-0542-04		1.1
				SB-0542-05		2.4
-10		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, trace gravel, firm		SB-0542-06		1.8
				SB-0542-07		1.9
				SB-0542-08		5.3
-15		SAND: Gray fine SAND, wet, trace clays; Water @16.0-17.5'		SB-0542-09		7.4
		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, trace gravel, very hard		SB-0542-10	neg	4.2



BORING LOG

BORING LOG: **SB-0543**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

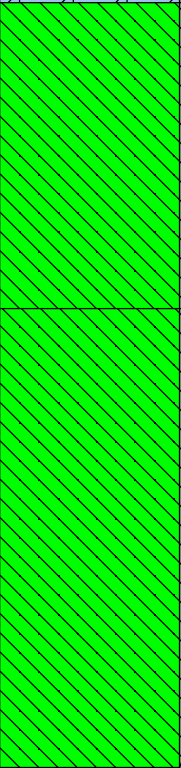
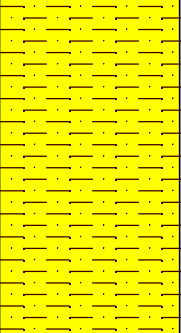
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/7/2005**
DATE COMPLETED: **10/7/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913883.2
EASTING: 197798.9
ELEVATION: 828.12

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0543-01		0.0
		CLAY: Brown silty sandy CLAY, sl. plastic, coh., sl. sticky, moist, trace gravel		SB-0543-02		2.6
				SB-0543-03		5.3
-5		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, gray mottling, trace gravel		SB-0543-04		4.7
				SB-0543-05		5.1
-10		SAND: Dark yellowish brown med. to coarse SAND & gravel, wet, sub-rounded, poorly graded		SB-0543-06	neg	16.3
		SILT: Gray clayey SILT nonplastic, coh., non-sticky, moist, trace gravel, firm; Water @11.0-12.5'		SB-0543-07		4.7
				SB-0543-08		2.9
-15						



BORING LOG

BORING LOG: **SB-0544**

TOTAL DEPTH: **28.00**

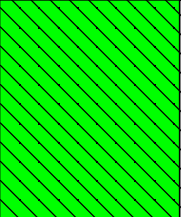
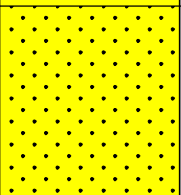
PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **10/7/2005**
 DATE COMPLETED: **10/7/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1914134.9
 EASTING: 198224.2
 ELEVATION: 825.84

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0544-01		0.0
-5		CLAY: Brown silty sandy CLAY, sl. plastic, coh., sl. sticky, moist, rust-colored mottling		SB-0544-02		4.6
				SB-0544-03		3.9
				SB-0544-04		2.2
				SB-0544-05		3.5
-10		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh, sticky, moist, gray & rust colored mottling		SB-0544-06		3.5
				SB-0544-07		7.7
				SB-0544-08		8.7
				SB-0544-09		9.4
				SB-0544-10		13.2
				SB-0544-11		14.1
				SB-0544-12	neg	21.6
-25		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, sl. moist, hard, trace gravel		SB-0544-13	neg	27.8
		SAND: Gray med. to coarse SAND & gravel, wet, sub-rounded, poorly graded; Water @23.5-28.0'				



BORING LOG

BORING LOG: **SB-0545**

TOTAL DEPTH: **28.00**

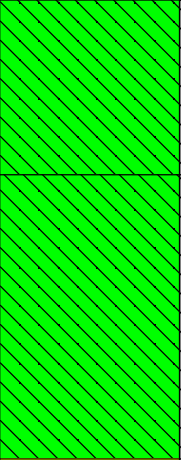
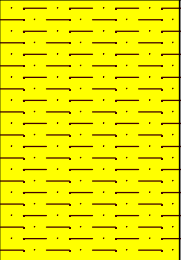
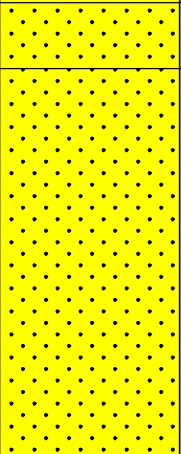
PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **10/7/2005**
 DATE COMPLETED: **10/7/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1914074.7
 EASTING: 198225.7
 ELEVATION: 825.38

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0545-01		0.0
		CLAY: Dark brown silty sandy CLAY sl. plastic, coh., sl. sticky, moist, trace gravel; orange mottling from 2.0-4.5'		SB-0545-02		1.8
				SB-0545-03		2.2
-5		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive & gray mottling		SB-0545-04		8.3
				SB-0545-05		7.4
-10				SB-0545-06		6.5
		SILT: Gray clayey SILT, sl. plastic, coh., non-sticky, moist, trace gravel, firm		SB-0545-07		5.4
				SB-0545-08	neg	36.8
-15				SB-0545-09		7.3
		SAND: Dark yellowish brown clayey SAND, sl., plastic, sl. coh., sticky, wet; Water @17.5-28.0'		SB-0545-10		11.4
-20		SAND: med to coarse SAND & gravel, wet, gray; Water @17.5-28.0'		SB-0545-11		14.3
				SB-0545-12		12.7
				SB-0545-13		13.2
-25				SB-0545-14	neg	20.5



BORING LOG

BORING LOG: **SB-0546**

TOTAL DEPTH: **24.00**

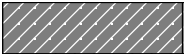
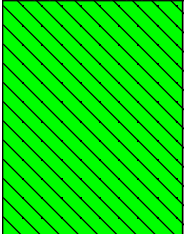
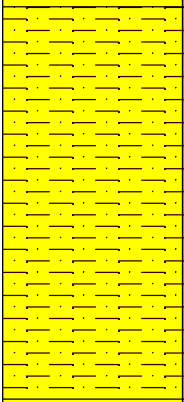
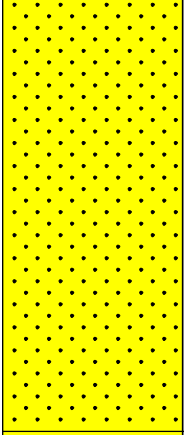
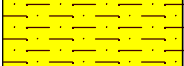
PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **10/7/2005**
 DATE COMPLETED: **10/7/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1912874.4
 EASTING: 198217
 ELEVATION: 822.24

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		CEMENT: CONCRETE		SB-0546-01		0.0
		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive & gray mottling		SB-0546-02		1.5
-5				SB-0546-03		2.7
		SAND: Approx. 3" wet clayey SAND stringer		SB-0546-04	neg	10.2
		SILT: Dark yellowish brown clayey SILT nonplastic, coh., non-sticky, moist, trace gravel, firm		SB-0546-05		3.8
-10				SB-0546-06		5.6
				SB-0546-07		7.9
-15		SAND: Gray med. to coarse SAND & gravel, wet, sub-rounded, poorly graded; Water @14.0-22.5'		SB-0546-08		13.9
				SB-0546-09		15.2
				SB-0546-10		14.4
-20				SB-0546-11		18.3
		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist trace gravel, firm		SB-0546-12	neg	7.1



BORING LOG

BORING LOG: **SB-0547**

TOTAL DEPTH: **23.00**

PROJECT INFORMATION

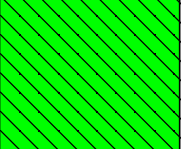
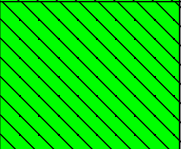
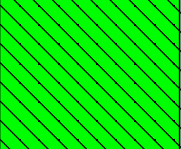
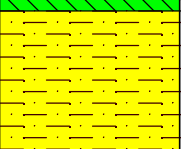
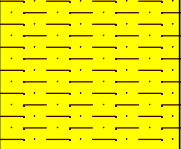
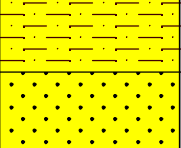
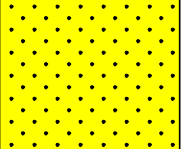
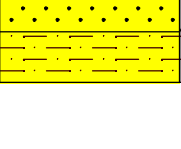
DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Tim Yates**
 DATE STARTED: **10/10/2005**
 DATE COMPLETED: **10/10/2005**

DRILLING CO.: **Boart Longyear**
 DRILLER: **J. Stone**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1912170.4
 EASTING: 199269
 ELEVATION: 823.19

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SDB-0547-01		0.0
		CLAY: Brown silty sandy CLAY, sl. plastic, coh., sl. ,sticky, moist, orange mottling		SDB-0547-02		0.5
		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive & gray mottling		SDB-0547-03		0.8
-5				SDB-0547-04		1.9
				SDB-0547-05		2.5
-10		SILT: Gray clayey SILT, sl., plastic, coh., sl. sticky, moist, trace gravel, very firm, decreased moisture & increased hardness @ 12.0'		SDB-0547-06		4.5
				SDB-0547-07		6.9
				SDB-0547-08		5.5
-15				SDB-0547-09		13.7
		SAND: Dark yellowish brown med. to coarse SAND & gravel, moist, sub-rounded, poorly graded, wet @ 19.0'		SDB-0547-10		14.5
-20				SDB-0547-11	neg	12.2
		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, sl. moist, trace gravel, very hard		SDB-0547-12		5.1



ARCADIS

BORING LOG

BORING LOG: **SB-0548**

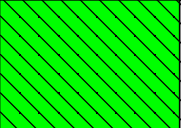
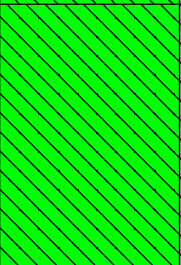
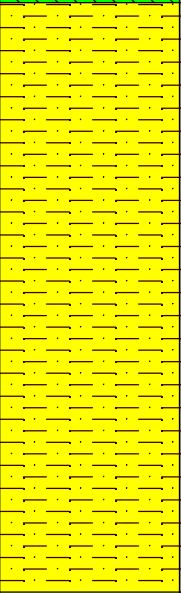
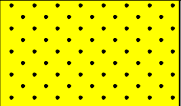
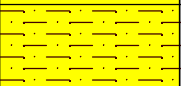
TOTAL DEPTH: **28.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/10/2005**
DATE COMPLETED: **10/10/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1912808.3
EASTING: 200127.2
ELEVATION: 823.36

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0548-01		0.0
		CLAY: Brown silty sandy CLAY, sl., plastic, sl. coh., sl, sticky, sl. moist, brittle, orange mottling, trace gravel		SB-0548-02		0.8
-5		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive & gray mottling		SB-0548-03		0.2
				SB-0548-04		0.4
				SB-0548-05		2.1
-10		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, trace gravel, hard		SB-0548-06		1.5
				SB-0548-07		7.3
				SB-0548-08		3.1
				SB-0548-09		2.4
				SB-0548-10		3.1
-20				SB-0548-11		5.2
		SAND: Gray fine SAND, set, sub-rounded, poorly graded; Water @23.5-26.0'		SB-0548-12	neg	9.8
-25		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, trace gravel, hard		SB-0548-14		5.4



BORING LOG

BORING LOG: **SB-0549**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

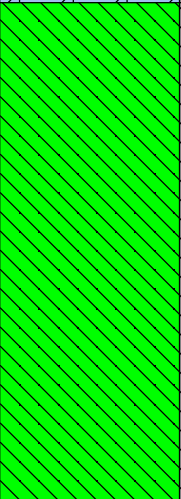
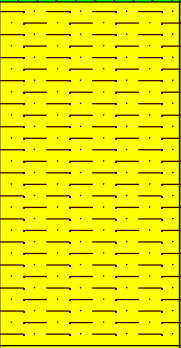
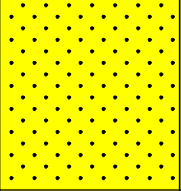
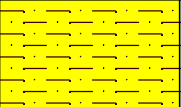
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **10/10/2005**
DATE COMPLETED: **10/10/2005**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe**

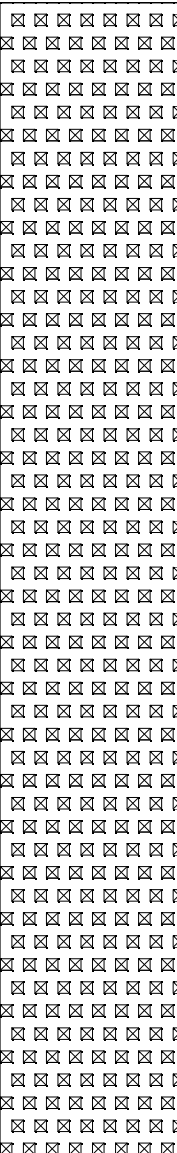
COORDINATES

NORTHING: 1913446.8
EASTING: 200076.8
ELEVATION: 822.63

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0549-01		0.0
		CLAY: Dark yellowish brown silty sandy CLAY, very plastic, coh., sticky, moist, olive & gray mottling, trace gravel		SB-0549-02		0.2
				SB-0549-03		1.2
-5				SB-0549-04		1.8
		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, hard, trace gravel		SB-0549-05		1.4
-10				SB-0549-06		2.1
		SAND: Gray med. to coarse SAND & gravel, wet, sub-rounded, poorly graded; Water @12.0-14.5'		SB-0549-07	neg	7.6
				SB-0549-08		5.3
-15		SILT: Gray clayey SILT, nonplastic, coh., non-sticky, moist, hard, trace gravel				



BORING LOG: **SB-0601**
TOTAL DEPTH: **24.00**

PROJECT INFORMATION		DRILLING INFORMATION			
PROJECT: GM/ENCORE (GM Delco Plant 5)		DRILLING CO.: Boart Longyear			
SITE LOCATION: Kokomo, Indiana		DRILLER: Jeff Stone			
LOGGED BY: Bryant Griggs		DRILLING METHOD: Geoprobe			
DATE STARTED: 2/9/2006		COORDINATES			
DATE COMPLETED:		NORTHING: 198224.8			
		EASTING: 1914098.9			
		ELEVATION: 825.38			
DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		BLANK: See soil boring SB-0545 for geologic information; borehole water sample collected (19-24 ft bg).			
-5					
-10					
-15					
-20					



BORING LOG

BORING LOG: **SB-0602**

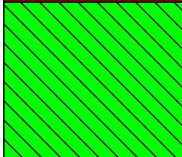
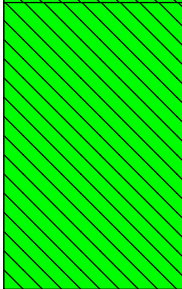
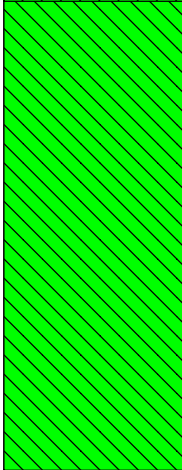
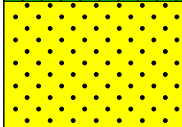
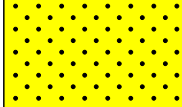
TOTAL DEPTH: **24.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **B. Griggs**
DATE STARTED: **2/9/2006 2:00:00 PM**
DATE COMPLETED: **2/9/2006 3:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe.**
COORDINATES
NORTHING: **1913753.9**
EASTING: **198216.1**
ELEVATION: **825.88**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		ASPHALT: ASPHALT		SB-0602-01	0.0
		CLAY: Brown silty sandy CLAY, firm, plastic, moist, not sticky.		SB-0602-02	0.0
-5		CLAY: Brown Silty sandy CLAY, soft, V. moist, plastic, sticky.		SB-0602-03	0.0
		CLAY: gray-brown silty sandy CLAY, Moist, slightly plastic, firm, not sticky. Moisture content decreasing, becoming friable starting at 12.5'		SB-0602-04	0.0
				SB-0602-05	0.0
-10				SB-0602-06	0.0
				SB-0602-07	1.6
				SB-0602-08	0.0
-15				SB-0602-09	0.0
				SB-0602-10	0.0
-20		SAND: Brown-gray SAND & silty gravel, wet.			



BORING LOG

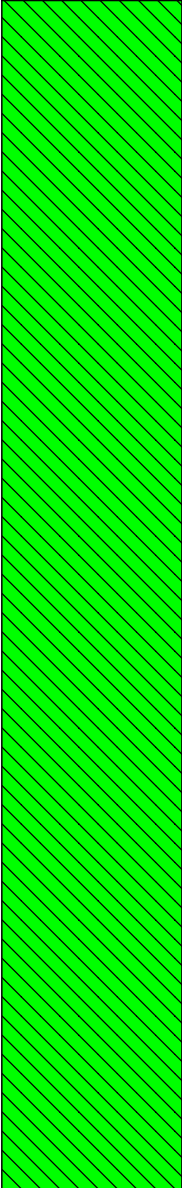
BORING LOG: SB-0603
TOTAL DEPTH: 10.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 2/1/2006 10:45:00 AM
DATE COMPLETED: 2/1/2006 11:05:00 AM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Wade Allen
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1913710.2
EASTING: 197980
ELEVATION: 827.53

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0603-01	0.4
		CLAY: 10YR 5/3 light yellowish-grayish brown CLAY, plastic & pliable, gray & rust colored mottling.		SB-0603-02	0.0
				SB-0603-03	19.6
-5				SB-0603-04	65
				SB-0603-05	3.1
-10					



BORING LOG

BORING LOG: **SB-0604**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **2/1/2006 1:50:00 PM**

DATE COMPLETED: **2/1/2006 2:20:00 PM**

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913726.4

EASTING: 198031

ELEVATION: 827.19

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0604-01		0.0
		CLAY: 10YR 5/3 light yellowish brown CLAY, silty, sandy, plastic rust & gray mottling.		SB-0604-02		2.8
		SAND: Poorly sorted, well-graded, coarse SAND (saturated).		SB-0604-03	neg	3.1
-5		CLAY: 10YR 5/3 light yellowish brown CLAY, silty sand plastic rust & gray mottling, 6" saturated sand stringer at 10'		SB-0604-04		4.1
				SB-0604-05		3.7
-10				SB-0604-06		2.7
				SB-0604-07		1.3
-15		CLAY: Dark gray silty sandy CLAY, till w/ pebbles and gravel w/i matrix, competent, cohesive, non-plastic.		SB-0604-08		2.7



ARCADIS

BORING LOG

BORING LOG: **SB-0605**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **2/1/2006 12:55:00 PM**

DATE COMPLETED: **2/1/2006 1:45:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

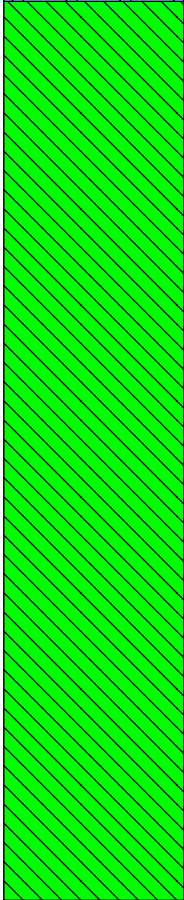
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913716.5

EASTING: 198049

ELEVATION: 827.34

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0605-01	0.0
		CLAY: 10YR 5/3 light yellowish brown silty sandy plastic pliable CLAY till, mottled w/ rust & gray color, increased pliability / sand & fines @ 8', moist, 6" section of sand stringer @ 11' which is v. moist, not necessarily saturated, starting at 9'		SB-0605-02	0.4
				SB-0605-03	0.6
-5				SB-0605-04	2.2
				SB-0605-05	12.2
-10				SB-0605-06	7.0
				SB-0605-07	8.0
-15		CLAY: 10YR 3/1 dark gray, silty sandy CLAY till, competent, cohesive, non-plastic, w/ trace gravel and pebbles.		SB-0605-08	2.9



BORING LOG

BORING LOG: SB-0606
TOTAL DEPTH: 5.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 2/1/2006 2:25:00 PM
DATE COMPLETED: 2/1/2006 2:35:00 PM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Wade Allen
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1913634.5
EASTING: 198043.7
ELEVATION: 827.31

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		GRAVEL: GRAVEL		SB-0606-01	27.1
		FILL: Cinders: FILL			
		CLAY: 10YR 5/3 light brownish yellowish CLAY, plastic, pliable w/ gray mottling			
				SB-0606-02	11.5
				SB-0606-03	8.7
-5					



BORING LOG

BORING LOG: **SB-0607**
TOTAL DEPTH: **5.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **2/1/2006 2:38:00 PM**
DATE COMPLETED: **2/1/2006 2:48:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913638.4
EASTING: 198020.7
ELEVATION: 827.41

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		GRAVEL: GRAVEL		SB-0607-01	0.0
		FILL: Cinders / Brick FILL			
		CLAY: 10YR 5/3 tan, yellowish brown silty, sandy CLAY till, plastic, pliable, cohesive.		SB-0607-02	0.0
				SB-0607-03	0.0
		SAND: 10YR 7/1 light gray med-coarse grained, poorly graded well-sorted SAND w/ trace gravel (rounded) (fill?)			
-5					



BORING LOG

BORING LOG: **SB-0608**

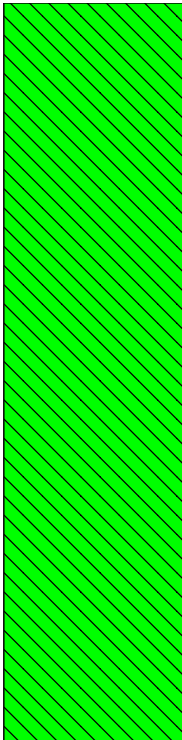
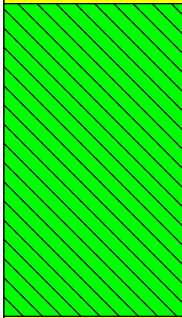
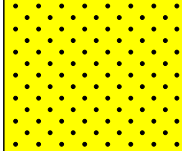
TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 2:15:00 PM**
DATE COMPLETED: **1/30/2006 2:41:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913961
EASTING: 197936.5
ELEVATION: 827.01

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Yellowish brown CLAY, pliable, plastic, tr. pebbles, rust mottling.		SB-0608-01	18.3
				SB-0608-02	5.2
				SB-0608-03	11.7
-5				SB-0608-04	14.6
				SB-0608-05	29.2
-10		SAND: Well graded, well rounded, light gray SAND with water.		SB-0608-06	24.0
		CLAY: Dk. gray, competent, cohesive, silty, sand CLAY till, w/ trace gravel & pebbles (well-rounded).		SB-0608-07	26.9
-15		SAND: Saturated, poorly graded, well rounded SAND, gray.		SB-0608-08	25.2



BORING LOG

BORING LOG: **SB-0609**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 3:15:00 PM**
DATE COMPLETED: **1/30/2006 3:41:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913931.6
EASTING: 197901.4
ELEVATION: 827.09

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		FILL: Gravel/FILL & topsoil		SB-0609-01	13.3
		CLAY: Dk. gray, plastic, pliable, silty, sandy, moist, sticky CLAY till w/ tr. gravel & pebbles.		SB-0609-02	18.8
-5		CLAY: Light yellowish brown plastic, pliable, silty, sandy, rust & gray mottling CLAY w/ tr. pebbles @ 10' there is a 4"-6" sand stringer which is saturated		SB-0609-03	10.8
				SB-0609-04	25.7
				SB-0609-05	71.5
-10				SB-0609-06	246
				SB-0609-07	12.9
-15		CLAY: Dr. gray, non-plastic, competent, cohesive silty sand CLAY till w/ trace gravel & pebbles (well rounded)		SB-0609-08	7.5



ARCADIS

BORING LOG

BORING LOG: **SB-0610**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **1/30/2006 4:20:00 PM**

DATE COMPLETED: **1/30/2006 4:50:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913879.2

EASTING: 197912.6

ELEVATION: 826.75

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		FILL: Concrete / asphalt / sand FILL		SB-0610-01	45
		CLAY: Dark gray / black pliable, plastic CLAY w/ rust mottling, tr. gravel.		SB-0610-02	17.2
		CLAY: Light yellowish brown plastic, pliable, gray & rust mottling, CLAY till, @ 10.5' there is a 6" saturated sand stringer.		SB-0610-03	35.5
-5				SB-0610-04	78.2
				SB-0610-05	161
-10				SB-0610-06	128
				SB-0610-07	123
-15		CLAY: Dark gray, silty, sandy, competent, cohesive, CLAY till, w/ trace gravel & pebbles (sand stringer @ contact was wet).		SB-0610-08	54.3



BORING LOG

BORING LOG: **SB-0611**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

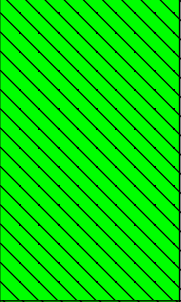
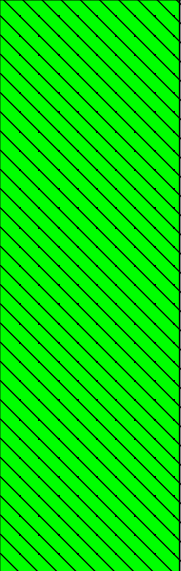
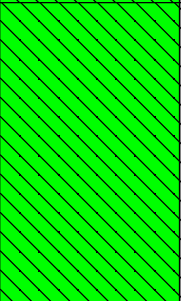
DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **1/31/2006 11:30:00 AM**
 DATE COMPLETED: **1/31/2006 12:19:00 PM**

DRILLING CO.: **Boart Longyear**
 DRILLER: **Wade Allen**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913888
 EASTING: 197985.3
 ELEVATION: 826.56

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0611-01		0.0
		CLAY: 10YR 3/3 silty sandy CLAY, dark brown, trace gravel & pebbles w/ rust colored mottling.		SB-0611-02		0.0
				SB-0611-03	neg	0.3
-5		CLAY: 10YR 5/8 silty sandy plastic pliable CLAY w/ trace gravel & sands, increased interval of moist sands @ 7.5', saturated sand stringer (2") at 10'.		SB-0611-04		2.2
				SB-0611-05	neg	4.1
-10		CLAY: 10YR 3/1 silty sandy dark gray CLAY, till, w/ tr. gravel, sand & pebbles. Large cobbles @ 13.5' of glacial till, @15.5-16.0 poorly sorted/well-graded gray saturated sand.		SB-0611-07		116
				SB-0611-08		43.2
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0612**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **1/31/2006 12:25:00 PM**

DATE COMPLETED: **1/31/2006 1:07:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913908.2

EASTING: 198001.2

ELEVATION: 826.44

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0612-01	neg	0.0
		CLAY: 10YR 5/8 silty sandy CLAY, yellowish light brown, plastic, pliable, w/ tr. gravel, sands & pebbles. Gray & orange/rust mottling, increased sand count @ 7', 2" sand stringer, saturated, at 10', increased sand % from 10-12'.		SB-0612-02		0.0
				SB-0612-03		2.2
-5				SB-0612-04		4.6
				SB-0612-05	neg	2.7
-10				SB-0612-06		20.1
				SB-0612-07		51.2
-15		CLAY: Dark gray silty sandy CLAY till, 10YR 3/1 competent, cohesive, tr. gravel, pebbles & sand.		SB-0612-08		53.1



ARCADIS

BORING LOG

BORING LOG: **SB-0613**

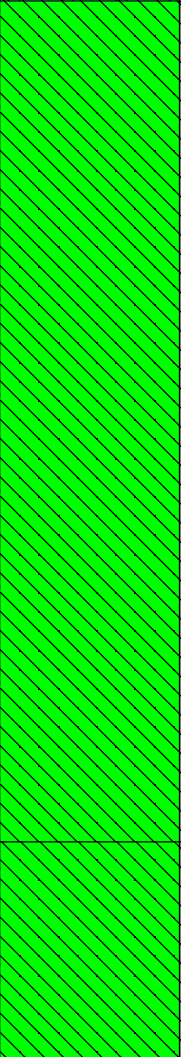
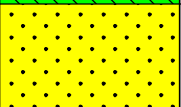
TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/31/2006 2:05:00 PM**
DATE COMPLETED: **1/31/2006 2:40:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913966.3
EASTING: 197987.6
ELEVATION: 826.78

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0613-01	neg	10.4
		CLAY: 10YR 5/8 lt. yellowish brown CLAY, plastic, pliable, tr. pebbles & gravel, rust & gray mottling, increased fines (saturated) at 10'.		SB-0613-02		7.4
				SB-0613-03	neg	14.0
				SB-0613-04		18.7
				SB-0613-05		23.6
				SB-0613-06		27.6
				SB-0613-07		122
				SB-0613-08		55.2
-15		SAND: 10YR 3/1 dark gray well-graded, poorly sorted saturated SAND & gravel deposit.				



ARCADIS

BORING LOG

BORING LOG: **SB-0614**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 11:15:00 AM**
DATE COMPLETED: **1/30/2006 11:30:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914147.2**
EASTING: **198052.8**
ELEVATION: **827.12**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Light yellowish brown CLAY w/ trace gravel, sand & pebbles, pliable, cohesive, well-med-rounded clasts of gravel, rust colored mottling w/in matrix.		SB-0614-01	1.4
				SB-0614-02	1.8
				SB-0614-03	1.6
-5				SB-0614-04	3.0
				SB-0614-05	3.2
-10				SB-0614-06	0.9
				SB-0614-07	0.3
		CLAY: Gray silty, sand, compact, non-cohesive, competent CLAY till.		SB-0614-08	0.4
-15					



ARCADIS

BORING LOG

BORING LOG: **SB-0615**

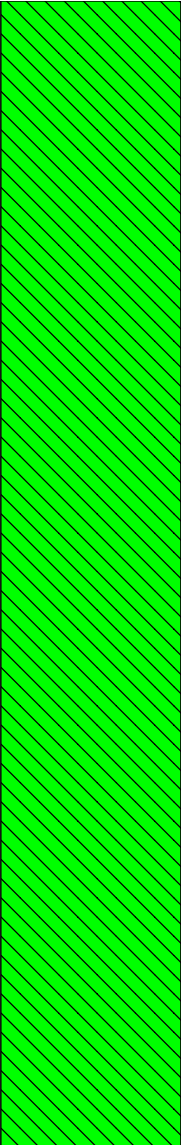
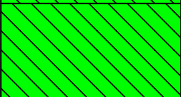
TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 12:15:00 PM**
DATE COMPLETED: **1/30/2006 12:30:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914083.4
EASTING: 198020.2
ELEVATION: 827.22

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Light brownish-yellow silty sandy CLAY w/ trace pebbles, rust & gray colored mottling, pliable, sticky, cohesive.		SB-0615-01	1.9
				SB-0615-02	3.5
				SB-0615-03	5.0
				SB-0615-04	3.4
				SB-0615-05	3.1
				SB-0615-06	1.2
-10				CLAY: Dark gray CLAY till, w/ tr. gravel & pebbles (well-rounded), competent, cohesive, non-plastic, sl. moist.	



BORING LOG

BORING LOG: **SB-0616**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

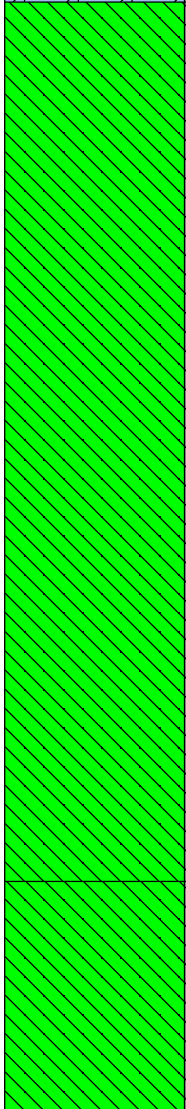
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **2/1/2006 11:15:00 AM**
DATE COMPLETED: **2/1/2006 11:38:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913701.6
EASTING: 198015.5
ELEVATION: 827.67

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL, gravel fill				
		CLAY: 10YR 5/3 light yellowish-orangish CLAY till, w/ tr. gravel pebbles, & sand, plastic, pliable, @4.75' there is a small sand stringer (saturated) that continues to be mixed w/ clay until 5.5'. @10-12' sand stringer in saturated clay.		SB-0616-00	neg	
-5				SB-0616-01	neg	
-10				SB-0616-02	neg	
-15		CLAY: 10YR 3/1 dk. gray silty sandy CLAY till (w. interval of large cobbles @ 15') competent, cohesive, non-plastic.				



ARCADIS

BORING LOG

BORING LOG: **SB-0617**

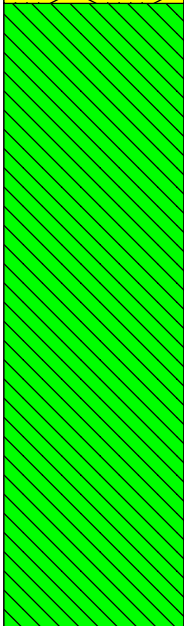
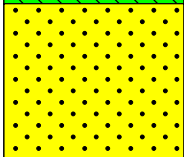
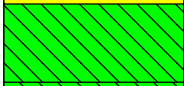
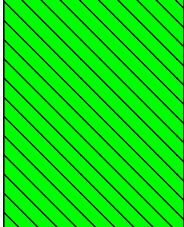
TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **2/1/2006 11:50:00 AM**
DATE COMPLETED: **2/1/2006 12:45:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913701.1
EASTING: 198035.6
ELEVATION: 827.59

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0617-01	0.8
		FILL: Cinders / gravel / brick FILL		SB-0617-02	1.0
		CLAY: 10YR 5/3 light yellowish brown CLAY, plastic, cohesive, sticky, moist; 6" saturated sand stringer @ 5-5.5', heavy staining and odor @ 7.0-10.0'.		SB-0617-03	16.2
-5				SB-0617-04	116.0
				SB-0617-05	131.0
-10		SAND: SAND, staining, odor, wet.		SB-0617-06	59.4
		CLAY: 10YR 5/3 light yellowish brown CLAY plastic, cohesive, sticky, most; staining and odor @ 12-12.5'.		SB-0617-07	5.2
		CLAY: 10YR 3/1 dk. gray CLAY till w/ gravel, sand, silt in matrix, non-plastic non-pliable, competent, cohesive.		SB-0617-08	0.0
-15					



BORING LOG

BORING LOG: **SB-0618**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY:

DATE STARTED: **1/31/2006 10:40:00 AM**

DATE COMPLETED: **1/31/2006 11:15:00 AM**

DRILLING INFORMATION

DRILLING CO.:

DRILLER:

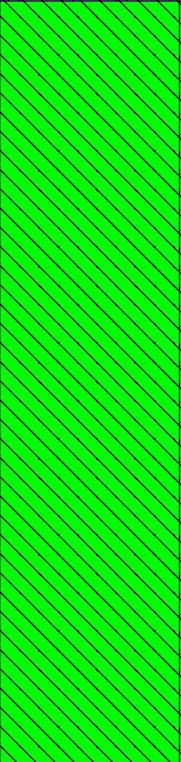
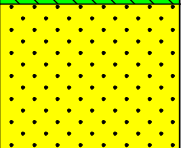
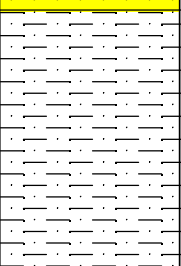
DRILLING METHOD:

COORDINATES

NORTHING: 1913942.6

EASTING: 197942.7

ELEVATION: 827.01

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0618-01		6.9
		CLAY: 10YR 5/4 silty sandy CLAY w/ tr. gravel, pebbles, plastic, pliable, sticky, cohesive sand stringer @ 8.5' (3") of saturated poorly graded sand, then back to clay till 10.5		SB-0618-02		6.5
				SB-0618-03		6.2
-5				SB-0618-04		10.9
				SB-0618-05		19.6
-10		SAND: 10YR 5/8 well graded pebbles, gravel and SAND (saturated)		SB-0618-06	neg	11.0
				SB-0618-07		12.0
		SANDY CLAY: 10YR 3/1 Dark gray silty SANDY CLAY till, w/ tr. gravel, sand & pebbles, 14.5-16(?) poorly graded, sorted, well graded high % pebbles and gravel stringer.		SB-0618-08		41.2
-15						



BORING LOG

BORING LOG: **SB-0619**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **M. Griles**
 DATE STARTED: **1/31/2006 9:30:00 AM**
 DATE COMPLETED: **1/31/2006 10:10:00 AM**

DRILLING CO.: **Boart Longyear**
 DRILLER: **Wade Allen**
 DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913900
 EASTING: 197928.4
 ELEVATION: 826.79

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		FILL: Gravel, asphalt and sand FILL		SB-0619-01	neg	8.6
		CLAY: Light yellowish brown silty sandy CLAY, plastic, pliable, tr. gravel & pebbles, interval of gray clay mottling increased b/t 12.5-13.5, gray & rust colored mottling throughout. 4" sand stringer @ 10' (saturated).		SB-0619-02	neg	6.8
				SB-0619-03	neg	8.4
-5				SB-0619-04	neg	32.0
				SB-0619-05	neg	14.2
-10				SB-0619-06	neg	14.1
				SB-0619-07	neg	21.8
-15		CLAY: Silty sandy dark gray CLAY till, non-plastic, competent, trace gravel & sand, pebbles.		SB-0619-08		28.2



BORING LOG

BORING LOG: **SB-0620**

TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **1/30/2006 1:30:00 PM**

DATE COMPLETED: **1/30/2003 2:08:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914089.1

EASTING: 198104.3

ELEVATION: 827.00

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Light yellowish brown CLAY w/ trace gravel, roots, and organic detritus.		SB-0620-01	5.8
				SB-0620-02	5.0
		CLAY: Gray CLAY w/ trace pebbles & gravel, plastic, cohesive, staining & odor w/ olive & dark gray mottling.		SB-0620-03	8.0
-5				SB-0620-04	18.7
		CLAY: Light yellowish brown CLAY w/ trace gravel, plastic, pliable w/ gray mixing/mottling.		SB-0620-05	8.3
-10				SB-0620-06	27.8
		CLAY: Silty, sandy dk. gray CLAY till, friable (dry) non-competent.			



BORING LOG

BORING LOG: **SB-0621**

TOTAL DEPTH: **12.00**

PROJECT INFORMATION

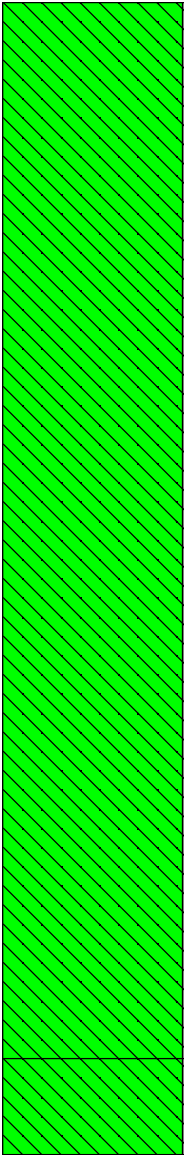
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 12:45:00 PM**
DATE COMPLETED: **1/30/2006 1:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914103.5
EASTING: 198065.3
ELEVATION: 827.14

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Light yellowish brown CLAY w/ tr. pebbles and gravel, sl. plastic w/ gray & rust colored mottling, med-well rounded gravel & pebbles.		SB-0621-01	3.2
				SB-0621-02	7.6
				SB-0621-03	6.3
-5				SB-0621-04	6.6
				SB-0621-05	6.0
-10				SB-0621-06	1.7
		CLAY: Dark gray CLAY till, friable (dry) w/ trace gravel & pebbles.			



BORING LOG

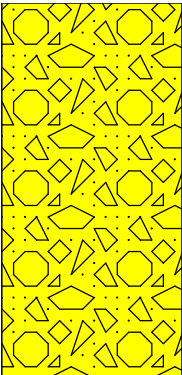
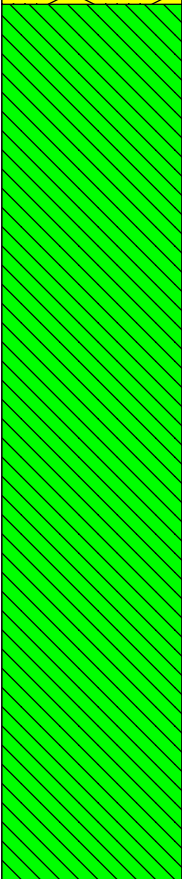
BORING LOG: SB-0622
TOTAL DEPTH: 5.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 1/31/2006 3:00:00 PM
DATE COMPLETED: 1/31/2006 3:20:00 PM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Wade Allen
DRILLING METHOD: Hand Auger / Geoprobe
COORDINATES
NORTHING: 1914041.9
EASTING: 197785.3
ELEVATION: 827.78

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		FILL: Asphalt / gravel / cinders / brick: FILL		SB-0622-01	3.5
		CLAY: 10YR 5/8 yellowish brown silty sandy CLAY, w/ a lot of gray/black mottling at the beginning of the interval.		SB-0622-02	9.3
				SB-0622-03	7.1
-5					



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BORING LOG

BORING LOG: **SB-0623**

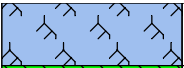
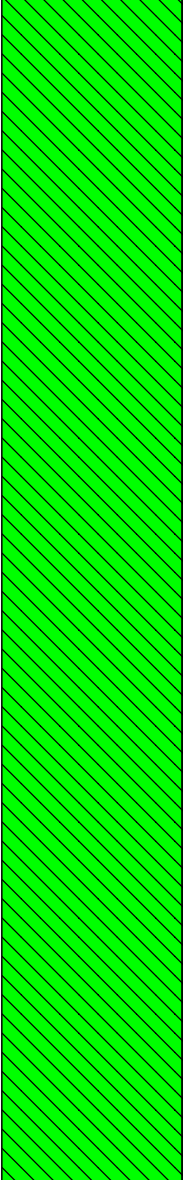
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/31/2006 2:45:00 PM**
DATE COMPLETED: **1/31/2006 2:58:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Hand Auger / Geoprobe**
COORDINATES
NORTHING: 1914035.6
EASTING: 197810.3
ELEVATION:

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0623-01	5.8
		CLAY: 10YR 5/8 yellowish brown silty sandy CLAY, plastic, pliable, tr. gravel, sand.		SB-0623-02	9.6
				SB-0623-03	11.3
-5				SB-0623-04	11.8
				SB-0623-05	9.6
-10					



BORING LOG

BORING LOG: **SB-0624**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

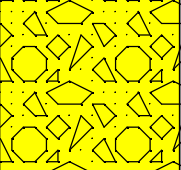
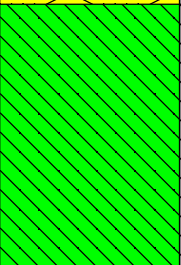
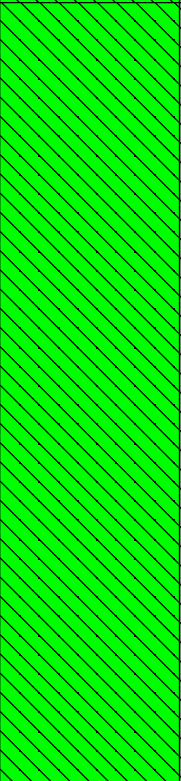
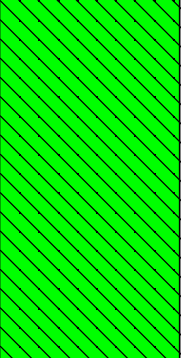
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/31/2006 3:15:00 PM**
DATE COMPLETED: **1/31/2006 3:50:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Hand Auger / Geoprobe**

COORDINATES

NORTHING: 1914006.6
EASTING: 197805.1
ELEVATION: 827.23

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		FILL: Asphalt, gravel, cinders, and brick: FILL				
		CLAY: Dark gray (nearly black) plastic, pliable, cohesive, sticky w/ rust mottling CLAY 10YR 2/2		SB-0624-03	neg	
-5		CLAY: 10YR 5/8 yellowish brown pliable plastic CLAY w. rust colored mottling & gray mottling, water at 10'. increased sands w/ clay until end of interval.		SB-0624-05	neg	
-10				SB-0624-06	neg	



BORING LOG

BORING LOG: **SB-0625**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

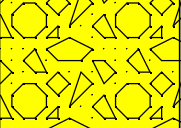
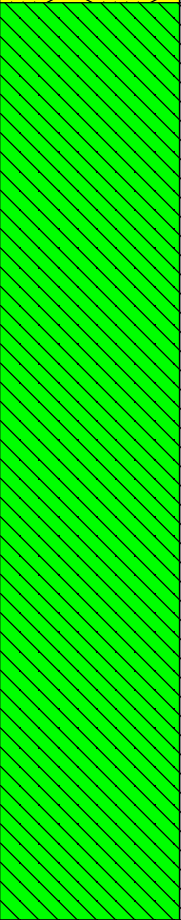
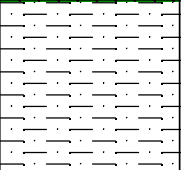
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **2/1/2006 9:10:00 AM**
DATE COMPLETED: **2/1/2006 9:30:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914005.2
EASTING: 197830.6
ELEVATION: 827.28

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		FILL: Topsoil / Cinders, slag / Gravel: FILL		SB-0625-01	neg	0.8
		CLAY: 10YR 5/3 light brownish yellow / gray silty, sandy plastic pliable CLAY. Gray and rust colored mottling, increased sand/fine count @ 6.5 (sl. moist) saturated 6" sand interval of mixed clay/fines/sand @ 10' saturated sand/clay stringer.		SB-0625-02	neg	2.5
				SB-0625-03	neg	2.0
-5				SB-0625-04	neg	3.5
				SB-0625-05	neg	6.7
-10				SB-0625-06	neg	3.0
		SANDY CLAY: Dark gray 10YR 3/1 competent, cohesive, silty SANDY CLAY, till w/ subrounded clasts of gravel & pebbles.		SB-0625-07		5.9



BORING LOG

BORING LOG: **SB-0626**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **M. Griles**

DATE STARTED: **2/1/2006 10:05:00 AM**

DATE COMPLETED: **2/1/2006 10:30:00 AM**

DRILLING CO.: **Boart Longyear**

DRILLER: **Wade Allen**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1913969.9

EASTING: 197828.5

ELEVATION: 827.07

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		FILL: Gravel / concrete / asphalt / cinders & slag: FILL				
		CLAY: 10YR 5/3 light yellowish/greenish brown CLAY w/ tr gravel & pebbles, plastic, pliable, cohesive, sticky, gray & rust mottling, top 6" is stained from overlying cinders/slag, 4" section of increased fines @ 8' (saturated)				
-5						
-10						
		CLAY: interval of 8" of mixed CLAY, sands, & gravel which is saturated				
		CLAY: 10YR 5/3 light yellowish/greenish brown CLAY w/ tr gravel & pebbles, plastic, pliable, cohesive, sticky, gray & rust mottling.				
		CLAY: 10YR 3/1 dk. gray CLAY till w/ trace gravel, pebbles, silty, sandy, competent, cohesive, non-plastic.				
				SB-0626-06	neg	



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BORING LOG

BORING LOG: **SB-0627**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **2/1/2006 9:36:00 AM**
DATE COMPLETED: **2/1/2006 9:56:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1913988.1
EASTING: 197818.1
ELEVATION: 827.13

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		FILL: Topsoil / Asphalt, concrete, cinders, slag: FILL		SB-0627-01	0.9
		CLAY: Dark black, plastic, pliable CLAY.		SB-0627-02	0.0
		CLAY: 10YR 5/3 light yellowish brown plastic, pliable CLAY, w/ rust & gray colored mottling.		SB-0627-03	0.2
-5				SB-0627-04	1.3
		CLAY: 10YR 5/3 light yellowish brown plastic, pliable CLAY, w/ increased fines (4") which is slightly moist. Water @ 10' in a 8" interval of mixed sands and clay.		SB-0627-05	0.2
-10				SB-0627-06	1.9
				SB-0627-07	0.0
		CLAY: 10YR 3/1 dark gray CLAY till, with tr. gravel & pebbles sub-rounded, compact, competent, non-plastic.			



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BORING LOG

BORING LOG: **SB-0628**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **1/30/2006 11:45:00 AM**
DATE COMPLETED: **1/30/2006 11:58:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Wade Allen**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914151.2
EASTING: 198140.8
ELEVATION: 826.75

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		CLAY: Light yellowish brown CLAY, pliable, cohesive, sticky w/ rust mottling, well-rounded clasts.		SB-0628-01	4.0
				SB-0628-02	2.0
				SB-0628-03	3.6
-5				SB-0628-04	4.1
				SB-0628-05	2.0
-10				SB-0628-06	4.3
		CLAY: Dark gray, silty sandy compact, competent non-cohesive CLAY till, saturated gravels @ start of interval.		SB-0628-07	3.1



BORING LOG

BORING LOG: **SB-0629**

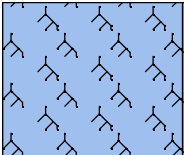
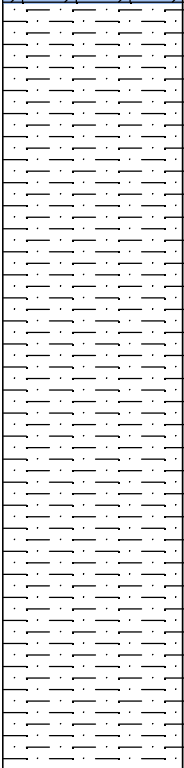
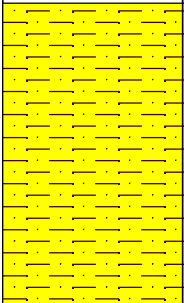
TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **3/18/2006**
DATE COMPLETED: **3/18/2006**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jason Drabek**
DRILLING METHOD: **Mini-Sonic**
COORDINATES
NORTHING: 1914104.5
EASTING: 198100.3
ELEVATION:

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0629-01	0.0
-5		SANDY CLAY: Dark yellowish brown silty SANDY CLAY, plastic, cohesive, sticky, moist, trace gravel, gray mottling		SB-0629-02	1.4
				SB-0629-03	10.2
				SB-0629-04	22.9
				SB-0629-05	36.6
-10				SB-0629-06	32.1
		SILT: Dark gray clayey SILT, nonplastic, cohesive, non-sticky, slightly moist, hard, trace gravel		SB-0629-07	34.5
-15				SB-0629-08	38.7



BORING LOG

BORING LOG: **SB-0630**

TOTAL DEPTH: **13.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Tim Yates**
DATE STARTED: **3/21/2006**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Drabek**
DRILLING METHOD: **Mini-Sonic**

COORDINATES

NORTHING: 198089.2
EASTING: 1914074.6
ELEVATION: 826.68

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		BLANK: See soil boring SB-0525 for geologic information; Boring advanced to collect soil sample from 13 to 13.5 ft bg for NAPL analysis			
-5					
-10					



BORING LOG

BORING LOG: **SB-0631**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/10/2006 9:25:00 AM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone/J. Greer**
DRILLING METHOD: **Geoprobe Macrocore**
COORDINATES
NORTHING: 1913974.9
EASTING: 197969.5
ELEVATION: 826.98

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL, gravel (limestone), brick, fill dirt.		SB-0631-01	0.8
		SANDY CLAY: 10YR 5/3 brown CH/CI silty SANDY CLAY w/ pebbles & gravel, slightly plastic, gray & rust colored mottling.		SB-0631-02	0.8
-5				SB-0631-03	2.0
				SB-0631-04	2.2
-10		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, sl. plastic. At bottom of interval, nearly non-plastic, firm, hard, competent, subrounded pebbles & gravel embedded w/i matrix of (glacial till) clay.		SB-0631-05	2.4
				SB-0631-06	12.8
				SB-0631-07	12.7
-15		SAND: 10YR 5/1 gray SM/SN silty SAND, poorly sorted, well graded sands, saturated, loose.		SB-0631-08	1.8



BORING LOG

BORING LOG: **SB-0632**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/10/2006 10:45:00 AM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone/J. Greer**
DRILLING METHOD: **Geoprobe/Macrocore**
COORDINATES
NORTHING: 1913950
EASTING: 198015.1
ELEVATION: 826.37

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL/Concrete/bricks, fill dirt/roots.		SB-0632-01	0.4
		SANDY CLAY: 10YR 5/3 brown CH/CI silty SANDY CLAY w/ pebbles & gravel (subrounded) in mix, slightly plastic, gray & rust mottling.		SB-0632-02	0.4
-5				SB-0632-03	1.2
				SB-0632-04	1.2
-10		SILTY CLAY: 10YR 3/1 gray ML/CL, SILTY CLAY, dense, firm, compact, sl plastic/non-plastic, sl moist/dry, subrounded gravels & pebbles embedded in (glacial till matrix) clay, hard, dry, friable, @12.5', 3" v moist/wet stringer of gray sand, then return to friable till		SB-0632-05	0.8
				SB-0632-06	0.8
				SB-0632-07	0.8
-15		SAND: 10YR 5/1 gray SM/SW, silty SAND, poorly sorted, well graded, saturated, sand, loose.		SB-0632-08	0.2



BORING LOG

BORING LOG: **SB-0633**

TOTAL DEPTH: **16.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/10/2006 11:45:00 AM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone/J. Greer**
DRILLING METHOD: **Geoprobe/Macrocore**

COORDINATES

NORTHING: 1913870.9
EASTING: 198018.3
ELEVATION: 826.77

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL, limestone gravels, brick, fill, dirt, roots.		SB-0633-01	0.8
-5		SANDY CLAY: 10YR 5/3 brown CH/CI, silty SANDY CLAY w/ subrounded pebbles & gravels embedded within clay, plastic, pliable, gray & rust colored mottling, increased moisture/pliability/plasticity/sand content from 7.5-8.5' becoming more competent @ end of interval (11')		SB-0633-02	0.8
				SB-0633-03	1.2
				SB-0633-04	0.8
				SB-0633-05	1.2
-10				SB-0633-06	1.6
		SILTY CLAY: 10YR 3/1 gray ML/CL SILTY CLAY, fine grains, low plasticity, non-pliable, friable and dry, with embedded pebbles & gravels within till matrix.		SB-0633-07	4.2
-15				SB-0633-08	0.8
		SILTY CLAY: 10YR 5/1 gray SM/SP, SILTY CLAY, med-fine grained sands with poor grading/well sorted, saturated.			



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BORING LOG

BORING LOG: **SB-0634**

TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/9/2006 10:15:00 AM**
DATE COMPLETED: **10/9/2006 11:45:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe/Macrocore**
COORDINATES
NORTHING: 1914125.3
EASTING: 197926.1
ELEVATION: 827.50

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		GRAVEL: GRAVEL, limestone, fill dirt, cinders, wet.		SB-0634-01	0.8
				SB-0634-02	2.4
-5		CLAY: 10YR 5/3, brown, CI/CH CLAY, plastic, pliable, very moist with gray mottling, some sands in matrix.		SB-0634-03	52.7
		CLAY: 10YR 3/1, very dark gray, ML/CL CLAY, silty, sandy, w/ embedded subrounded gravel, pebbles, & sand grains, competent, cohesive, hard, moist at top, becoming dry & friable at 11' (till).		SB-0634-04	54.6
				SB-0634-05	153.6
-10				SB-0634-06	275.6
				SB-0634-07	16.4
				SB-0634-08	2.4
-15				SB-0634-09	1.6
				SB-0634-10	2.0
-20				SB-0634-11	7.3
				SB-0634-12	9.0
-25		SAND: 10YR 5/2 grayish brown, SM/SW, SAND, silty sand which is well graded, poorly sorted, medium grained, subrounded, wet.		SB-0634-13	88.9



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BORING LOG

BORING LOG: **SB-0635**

TOTAL DEPTH: **30.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/9/2006 12:00:00 PM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe/Macrocore**

COORDINATES

NORTHING: 1914130.5
EASTING: 197863.2
ELEVATION: 827.76

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0635-01	0.0
-5		SANDY CLAY: 10YR 5/3 brown CI/CH silty SANDY CLAY, plastic, pliable, moist, with gray mottling, some subrounded pebbles and sand in matrix, increasing pliability with depth.		SB-0635-02	1.6
				SB-0635-03	4.0
				SB-0635-04	22.4
				SB-0635-05	217.0
-10				SB-0635-06	194.2
				SB-0635-07	159.6
-15		SAND: 10YR 5/2 grayish brown, SM/SP SAND, silty with pebbles and gravel in mix, coarse grained sands w/ lower percentage of gradation (mostly medium grained subrounded), color change to grayer sand at 19.5'.		SB-0635-08	56.0
				SB-0635-09	69.2
				SB-0635-10	53.7
-20				SB-0635-11	72.5
				SB-0635-12	11.7
				SB-0635-13	13.5
-25				SB-0635-14	2.8
				SB-0635-15	1.6
-30					



BORING LOG

BORING LOG: **SB-0636**

TOTAL DEPTH: **25.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **10/9/2006 2:39:00 PM**
DATE COMPLETED:

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **J. Stone**
DRILLING METHOD: **Geoprobe/Macrocore**
COORDINATES
NORTHING: 1914050.6
EASTING: 197844.3
ELEVATION: 827.68

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0636-01	0.4
		GRAVEL: GRAVEL, fill dirt w/ cinders and brick.		SB-0636-02	0.8
-5		SANDY CLAY: 10YR 5/3 brown CI/CH silty SANDY CLAY, plastic, pliable, moist, cohesive, 2" sand stringer at 7.5', gray mottling in clay, w/ trace pebbles (subrounded).		SB-0636-03	0.8
				SB-0636-04	0.8
				SB-0636-05	1.2
-10				SB-0636-06	4.5
				SB-0636-07	4.0
-15		SILTY CLAY: 1-YR 4/1 dark gray ML/CL SILTY CLAY (till), w/ embedded subrounded pebbles and gravels w/i a gray/hard, competent matrix, dry, firm. At 18.5' there is a 3" gray sand stringer (very moist).		SB-0636-08	2.1
				SB-0636-09	1.2
				SB-0636-10	0.8
-20		SAND: 10YR 5/1 gray SM silty SAND w/ pebbles and med-coarse gravels, wet, loose.		SB-0636-11	0.8
				SB-0636-12	1.2
-25				SB-0636-13	0.4



BORING LOG

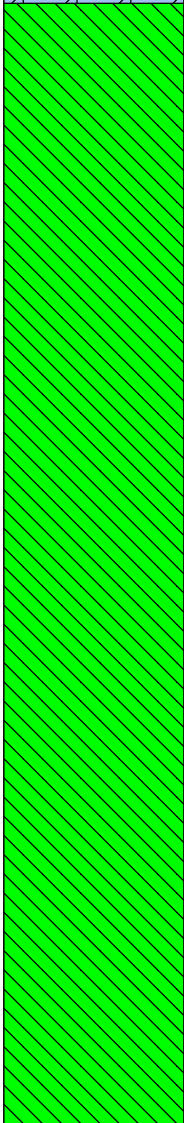
BORING LOG: SB-0637
TOTAL DEPTH: 12.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 11/13/2006 10:00:00 AM
DATE COMPLETED: 11/13/2006 11:00:00 AM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Ricky Davis
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1914107.7
EASTING: 197848.3
ELEVATION: 827.95

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0637-01	2.0
		CLAY: 10YR 5/3 brown CH/CI silty sandy CLAY with pebbles & gravels (subrounded), plastic, pliable, gray & rust colored mottling.		SB-0637-02	2.8
				SB-0637-03	2.8
-5				SB-0637-04	5.7
				SB-0637-05	8.2
-10				SB-0637-06	15.2



BORING LOG

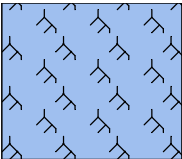
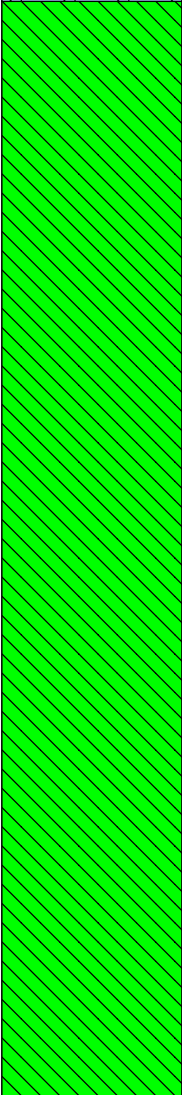
BORING LOG: SB-0638
TOTAL DEPTH: 12.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 11/13/2006 9:30:00 AM
DATE COMPLETED: 11/13/2006 9:55:00 AM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Ricky Davis
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1914151.5
EASTING: 197849.6
ELEVATION: 828.00

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL and fill dirt with cinders.		SB-0638-01	0.4
		CLAY: 10YR brown CH/CI silty, sandy CLAY with pebbles and gravel (subrounded), plastic, pliable, gray & rust mottling. At 7-7.5', interval of increased fines.		SB-0638-02	1.2
				SB-0638-03	2.4
-5				SB-0638-04	2.4
				SB-0638-05	6.1
-10				SB-0638-06	28.3



BORING LOG

BORING LOG: **SB-0639**

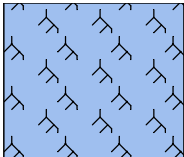
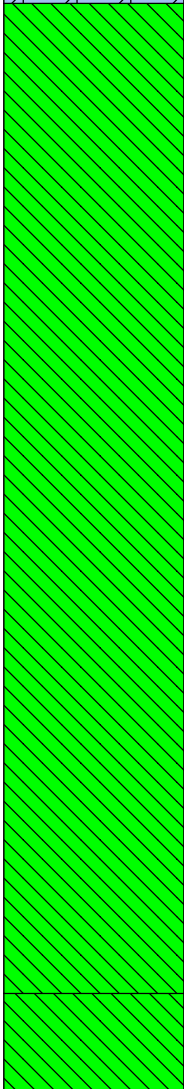
TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **11/13/2006 10:25:00 AM**
DATE COMPLETED: **11/13/2006 10:42:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Ricky Davis**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914112.6**
EASTING: **197882.3**
ELEVATION: **827.63**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0639-01	2.0
		CLAY: 10YR 5/3 brown CH/CI silty, sandy CLAY with pebbles & gravels (subrounded), plastic, pliable, gray & rust colored mottling. At 8-8.5' is a sand stringer, then return to clay.		SB-0639-02	2.0
				SB-0639-03	4.0
-5				SB-0639-04	9.0
				SB-0639-05	16.4
-10				SB-0639-06	11.0
		CLAY: 10YR 3/1 gray ML/CL CLAY , silty, sandy, glacial till, hard, compact, non-plastic.			



ARCADIS

BORING LOG

BORING LOG: **SB-0640**

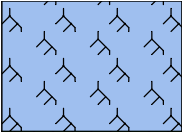
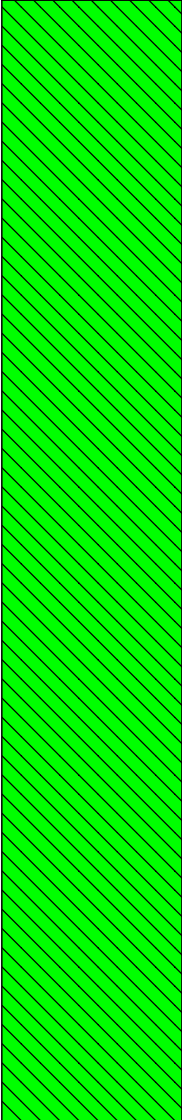
TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **11/13/2006 11:50:00 AM**
DATE COMPLETED: **11/13/2006 12:05:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Ricky Davis**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914143.4
EASTING: 197905.4
ELEVATION: 827.55

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0640-01	1.2
		CLAY: 10YR 5/3 brown, CH/CI silty, sandy CLAY, w/ pebbles and gravels (subrounded), plastic, pliable, with rust colored mottling.		SB-0640-02	1.2
				SB-0640-03	1.2
-5				SB-0640-04	1.6
				SB-0640-05	8.2
-10				SB-0640-06	53.2



BORING LOG

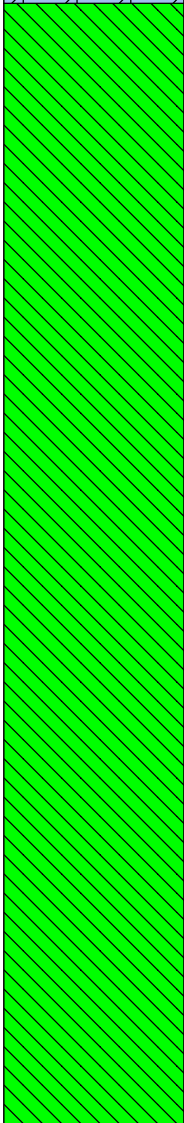
BORING LOG: SB-0641
TOTAL DEPTH: 12.00

PROJECT INFORMATION

PROJECT: GM/ENCORE (GM Delco Plant 5)
SITE LOCATION: Kokomo, Indiana
LOGGED BY: M. Griles
DATE STARTED: 11/13/2006 11:30:00 AM
DATE COMPLETED: 11/13/2006 11:45:00 AM

DRILLING INFORMATION

DRILLING CO.: Boart Longyear
DRILLER: Ricky Davis
DRILLING METHOD: Geoprobe
COORDINATES
NORTHING: 1914140.8
EASTING: 197945.6
ELEVATION: 827.52

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0641-01	1.2
		CLAY: 10YR 5/3 brown CH/CI, silty, sandy CLAY with pebbles & gravels (subrounded), plastic, pliable, gray & rust colored mottling. At 7.25-7.75', interval of increased sands leading to higher moisture, and then return to clay.		SB-0641-02	0.4
				SB-0641-03	1.2
-5				SB-0641-04	2.0
				SB-0641-05	7.3
-10				SB-0641-06	28.3



BORING LOG

BORING LOG: **SB-0642**

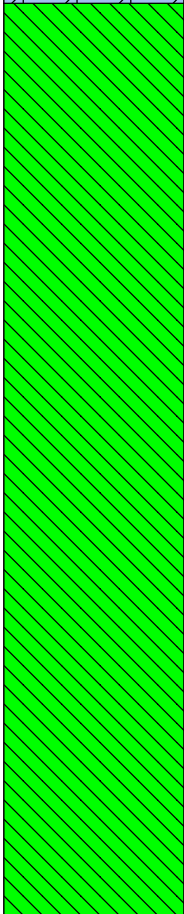
TOTAL DEPTH: **12.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **M. Griles**
DATE STARTED: **11/13/2006 11:00:00 AM**
DATE COMPLETED: **11/13/2006 11:20:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Ricky Davis**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914098
EASTING: 197920
ELEVATION: 827.61

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0642-01	1.2
		CLAY: 10YR 5/3 brown CH/CI silty sandy CLAY with pebbles & gravels (subrounded), plastic, pliable, gray & rust colored mottling.		SB-0642-02	2.8
				SB-0642-03	10.7
-5				SB-0642-04	6.5
				SB-0642-05	2.8
-10		CLAY: 10YR 3/1 gray ML/CL, silty CLAY, compact, competent, hard, firm, non-plastic, glacial till.		SB-0642-06	0.8



BORING LOG

BORING LOG: **SB-0701**

TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/29/2007 10:45:00 AM**

DATE COMPLETED: **8/29/2007 11:00:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914210.51

EASTING: 197731

ELEVATION: 828.86

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0701-01		0.0
		SILT: ML, SILT, tr clay, w/ fine-med sands and gravel (fill material), non-plastic, very stiff, dry, (Cinders, brick, and slag from 2.7-3.0 f bgs.)		SB-0701-02		0.0
		CLAY: CL, CLAY, Brown (10YR 5/3) mottled Dk Yellowish brown (10YR 4/6) and Dk gray (10YR 4/1), common, med., distinct, plastic, slightly sticky, moist.		SB-0701-03		0.0
-5		SILT: ML, SILT, Brown (10YR 5/3), sticky, plastic, soft, very moist.		SB-0701-04		0.0
		CLAY: CL, CLAY, w/ silt, Brown (10YR 5/3), plastic, moist.		SB-0701-05		0.0
-10		SILT: CL-ML, Clayey SILT (Glacial Till), w/ fine-med sand + gravel, non-plastic, very stiff, moist, Dk Gray (10YR 4/1)				



BORING LOG

BORING LOG: **SB-0702**

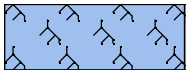
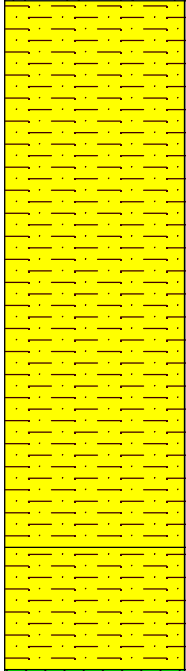
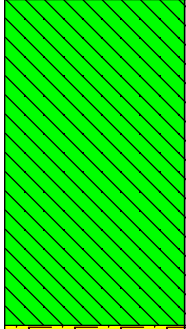
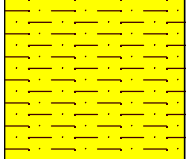
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **8/29/2007 11:10:00 AM**
 DATE COMPLETED: **8/29/2007 11:45:00 AM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson**
 DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
 NORTHING: 1914171.57
 EASTING: 197749.1
 ELEVATION: 828.57

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0702-01		0.3
		SILT: MLCL, clayey SILT, TR Fine Sands + Gravel, SL plastic, non-sticky, Dark Gray (10YR 4/1), mottled, Dark yellowish Brown(10YR 4/6), Common, Faint, Small		SB-0702-02		0.0
				SB-0702-03		0.0
-5				SB-0702-04		0.0
		SILT: MLCL, clayey SILT, Brown (10YR 5/3) SL Plastic, SL. sticky, soft, very moist		SB-0702-05		0.0
-10		CLAY: CL, CLAY, TR Gravel + pockets of black oxidation, brown (10YR 5/3), plastic, non-sticky, firm. Gradual change to brown glacial till.		SB-0702-06		0.0
				SB-0702-07		0.0
		SILT: CL-ML, Clayey SILT (glacial till), w/ fine-med sand + gravel, non-plastic, very stiff, moist, Dk. brown (10YR 3/2)		SB-0702-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0703**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/29/2007 1:05:00 PM**

DATE COMPLETED: **8/29/2007 1:25:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

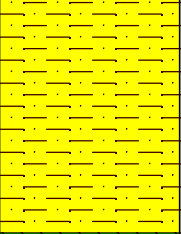
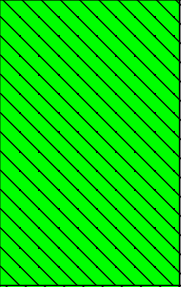
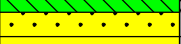
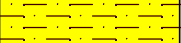
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914215.9

EASTING: 197772.6

ELEVATION: 828.84

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0703-01		0.0
		SILT: ML, SILT + Clay, w/ fine-med sands + gravel (Fill Mat.), SL. Plastic, non-sticky, dark gray (10YR 4/1), Firm		SB-0703-02		0.0
-5		CLAY: CL, CLAY, brown, (10YR 5/3), mottled, dk. yellowish brown (10YR 4/6) + Dk Gray (10YR 4/1), Common, Med Distinct, Plastic, SL sticky, moist.		SB-0703-03		0.0
				SB-0703-04		0.0
				SB-0703-05		0.0
-10		CLAY: CL-ML, Silty CLAY, TR Gravel, brown (10YR 5/3), Plastic SL. sticky, Firm. Sand stringer from 8.5-8.7, med grained, brown (10YR 5/3)		SB-0703-06		11.4
				SB-0703-07		25.9
				SB-0703-08		11.9
-15		SAND: SW, SANDS, med grained, brown (10YR 5/3)				
		SILT: CL-ML, clayey SILT (glacial till), (10YR 3/2), w/ fine-med sand + gravel, non-plastic, very stiff, moist, dk. brown.				



ARCADIS

BORING LOG

BORING LOG: **SB-0704**

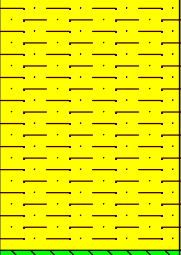
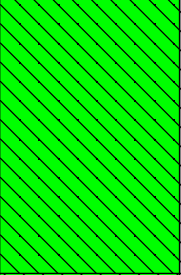
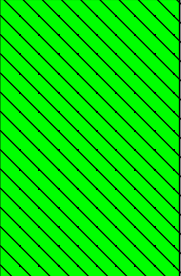
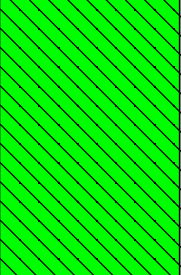
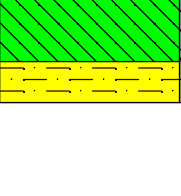
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/29/2007 1:30:00 PM**
DATE COMPLETED: **8/29/2007 1:45:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: **1914171.87**
EASTING: **197790.5**
ELEVATION: **828.22**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0704-01		0.0
		SILT: ML, SILT, TR Clay, w/ fine-med sands + gravel (fill material) non plastic, very stiff, dry. (cinders, brick, and slag from 3.3-3.6)		SB-0704-02		0.0
-5		CLAY: CL, CLAY, Dk Brown (10YR 3/1), plastic, firm, moist, color change @ 5.5 to brown (10YR 5/3), dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, med, plastic, sticky, moist.		SB-0704-03		0.0
		CLAY: CL, Sandy CLAY, brown (10YR 5/3), trace gravels, plastic soft, moist, wet, sticky, fine-med grained sands.		SB-0704-04		0.0
-10				SB-0704-05		0.0
				SB-0704-06		0.0
				SB-0704-07		0.0
-15		SILT: CL-ML, Clayey SILT (glacial till), (10YR 3/2) w/ fine-med sands + gravel, non-plastic, very stiff, moist, dk brown		SB-0704-08		0.0



BORING LOG

BORING LOG: **SB-0705**

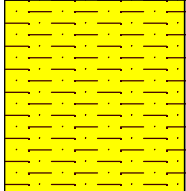
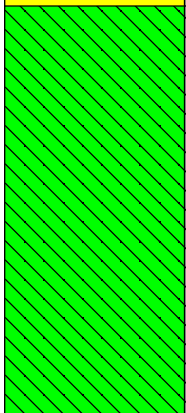
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **8/29/2007 2:00:00 PM**
 DATE COMPLETED: **8/29/2007 2:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson**
 DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
 NORTHING: 1914171.82
 EASTING: 197833
 ELEVATION: 828.13

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0705-01		0.0
		SILT: ML, SILT, TR Clay, w/ fine sands + gravel (fill material), nonplastic, very stiff, dry		SB-0705-02		0.0
-5		CLAY: CL, CLAY, dk. brown (10YR 3/1), plastic, firm, moist, color change @ 4.5 to brown (10YR 5/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0705-03		0.0
				SB-0705-04		0.0
				SB-0705-05		0.0
-10		CLAY: CL, Sandy CLAY, brown (10YR 5/3), trace gravels, plastic, soft, moist, sticky, wet, sand stringers @ 8.2-8.5 and 8.6-8.7 and 12.3-12.5, med-coarse sands		SB-0705-06		0.0
				SB-0705-07		0.0
-15		SILT: CL-ML, Clayey SILT (glacial till), (10YR 3/2) w/ fine med sands + gravel, non-plastic, very stiff, moist, dk brown		SB-0705-08		0.0



BORING LOG

BORING LOG: **SB-0706**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/29/2007 2:27:00 PM**

DATE COMPLETED: **8/29/2007 2:47:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

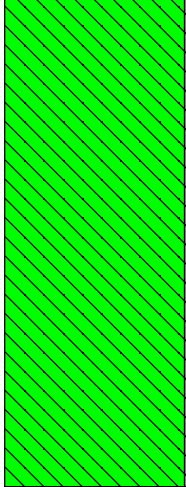
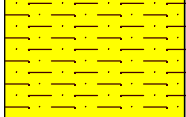
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914172.11

EASTING: 197875.2

ELEVATION: 827.75

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0706-01		0.0
		SILT: (fill material) ML, SILT, TR clay w/ fine sands + gravel, non-plastic, very stiff, dry.		SB-0706-02		0.0
		CLAY: CL, CLAY dk. brown (10YR 3/1), plastic, firm, moist, color change to brown (10YR 5/3) @ 4.5, mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0706-03		0.0
-5				SB-0706-04		0.0
				SB-0706-05		0.0
-10		CLAY: CL, Sandy CLAY (10YR 5/3), brown, trace gravels, plastic, soft, moist, sticky wet w/ inc, depth, sand stringers at 8.5-8.7, 9.0-9.3, 9.5-9.8, 11.5-11.7, med-coarse sands		SB-0706-06		14.6
				SB-0706-07		90.2
-15		SILT: CL-ML, Clayey SILT (glacial till), dk. brown (10YR 3/2), w/ fine-med sands + gravel, non-plastic, very stiff, moist.		SB-0706-08		130.0



BORING LOG

BORING LOG: **SB-0707**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

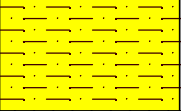
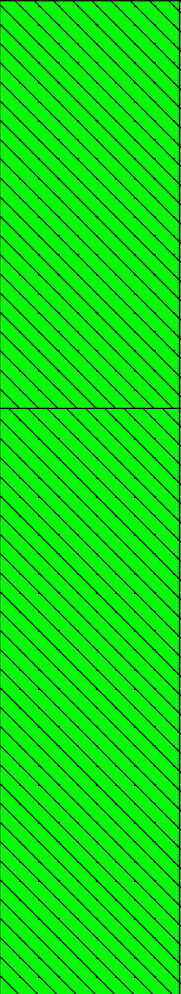
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/29/2007 3:10:00 PM**
DATE COMPLETED: **8/29/2007 3:30:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914172.36
EASTING: 197918.8
ELEVATION: 827.59

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0707-01		0.0
		SILT: ML, SILT + Clay, w/ fine sands, tr gravel (fill mat.) non-plastic, very stiff, dry, (cinders + slag from 1.8-2.0)				
		CLAY: CL, CLAY dk brown (10YR 3/1), plastic, firm, sl. moist, color change to brown @ 4.5 (10YR 5/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0707-02		0.0
-5				SB-0707-03		0.0
				SB-0707-04		0.0
		CLAY: CL, Sandy CLAY, brown, (10YR 5/3), tr gravels, plastic, soft, moist, wet, sticky, sand stringers @ 7.5-7.7, 9.5-9.6, 12.0-12.5, med sands.		SB-0707-05		0.0
-10				SB-0707-06		0.0
				SB-0707-07		0.0
				SB-0707-08		0.0
-15		SILT: CL-ML, Clayey SILT (glacial till), dk brown (10YR 3/2), w/ fine-med sands + gravel, non-plastic, very stiff, moist.				



BORING LOG

BORING LOG: **SB-0708**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/29/2007 3:50:00 PM**

DATE COMPLETED: **8/29/2007 4:15:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

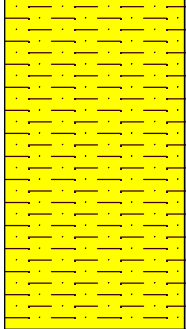
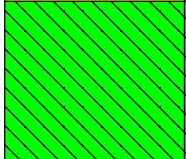
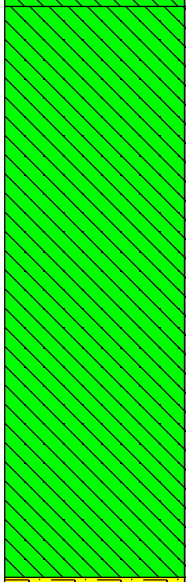
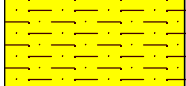
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914173.08

EASTING: 197960.7

ELEVATION: 827.50

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0708-01		0.0
		SILT: ML, SILT Clay, w/ fine sands, tr gravels (fill mat), non plastic, very stiff, dry, sand stringer @ 3.8-4.0, cinders and slag from 4.2-4.5.		SB-0708-02		0.0
				SB-0708-03		0.0
-5		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, firm, sl. moist, color change to brown @ 5.0 (10YR 5/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0708-04		0.0
				SB-0708-05		0.0
-10		CLAY: CL, Sandy CLAY, brown, (10YR 5/3), tr gravels, plastic, soft, moist, sticky, wet.		SB-0708-06		0.0
				SB-0708-07		0.0
		SILT: CL-ML, Clayey-SILT, (glacial till), dk brown (10YR 3/2), w/ fine-med sand + gravel, non-plastic, very stiff, moist.		SB-0708-08		0.0
-15		SAND: contact between glacial till and med gray SAND.				



ARCADIS

BORING LOG

BORING LOG: **SB-0709**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/29/2007 4:17:00 PM**

DATE COMPLETED: **8/29/2007 4:35:00 PM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

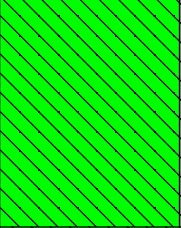
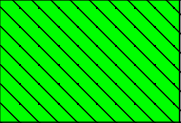
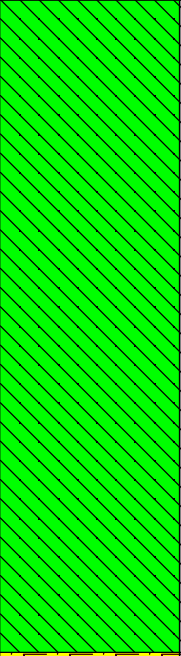
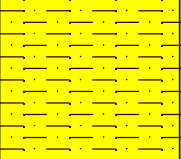
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914169.89

EASTING: 197993.5

ELEVATION: 827.36

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0709-01		0.0
		CLAY: (fill material) ML, silty CLAY, w/ fine sand, tr gravel, non plastic, very stiff, dry, firm, (cinders, brick, and slag from 3.0-3.5)		SB-0709-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, color change to brown @ 4.0 (10YR 5/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky		SB-0709-03		0.0
-5		CLAY: CL, Sandy CLAY, brown (10YR 5/3) tr gravel, plastic, soft, moist, sticky, inc. silt + sand w/ depth, sand stringer @ 9.8-10, yellow brown (10YR 6/8), med sand.		SB-0709-04		0.0
				SB-0709-05		0.0
				SB-0709-06		0.0
-10				SB-0709-07		0.0
		SILT: CL-ML, Clayey SILT (glacial till), dk brown (10YR 3/2), w/ fine-med sand+gravel, non plastic, very stiff, moist. *gray med sand from 14.2-14.5		SB-0709-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0710**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

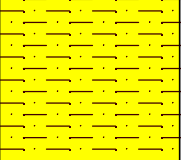
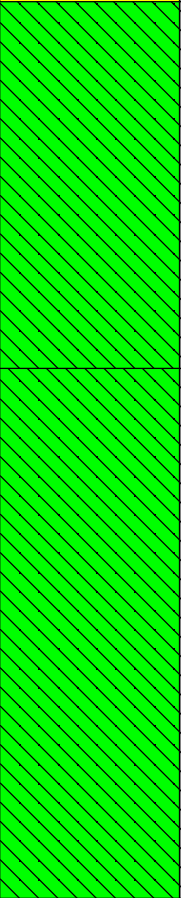
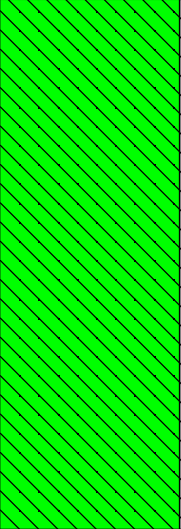
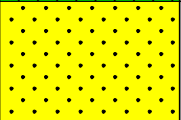
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 7:25:00 AM**
DATE COMPLETED: **8/30/2007 7:45:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914124.22
EASTING: 197801.9
ELEVATION: 827.89

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL				
		SILT: ML, SILT + Clay, w/ fine sands and gravel, (fill mat.), non plastic, very stiff, dry (cinders, slag, and bricks from 2.2-2.5)				
-5		CLAY: CL, CLAY, Dk brown (10YR 3/1), plastic, firm, moist, color change to brown @ 4.0 (10YR 5/3), mottled, dk brown yellow (10YR 4/6) + dk gray (10YR 4/1), med, sticky				
-10		CLAY: CL, Sandy CLAY, brown (10YR 5/3), w/ gravel, plastic, soft, moist, sticky, wet @ depth, sand stringer @ 7.0-7.2				
-15		SAND: SW-SP, med grade, med grained SANDs, brown, (10YR 5/8), w/gravels, tr clay, tr silt, firm, moist				



BORING LOG

BORING LOG: **SB-0711**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **8/30/2007 7:53:00 AM**
 DATE COMPLETED: **8/30/2007 8:10:00 AM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson/DB**
 DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914127.13
 EASTING: 197833.5
 ELEVATION: 827.88

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0711-01		2.4
		SILT: ML, SILT and clay, w fine sand and gravel (Fill mat.), non plastic, stiff, dry		SB-0711-02		1.9
		CLAY: CL, CLAY, dk. brn (10YR 3/1), Plastic, Firm, sl. moist, color change @ 3.5 to brn (10YR 3/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, sticky		SB-0711-03		2.7
-5				SB-0711-04		19.6
		SANDY CLAY: CL, SANDY CLAY, brown, (10YR 5/3), w/ gravel, plastic, soft, moist, sticky, wet from 7.0-7.5		SB-0711-05		103.7
-10				SB-0711-06		150.2
		SANDY CLAY: Same as above (SANDY CLAY) (Only dry and including gravel)		SB-0711-07		9.2
		SILT: CL-ML, clayey-SILT, (Glacial till), dk-brown (10YR 3/2) w/ fine-med sand and gravel, non-plastic, very stiff, moist		SB-0711-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0712**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 8:25:00 AM**
DATE COMPLETED: **8/30/2007 8:45:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914131.05
EASTING: 197885.3
ELEVATION: 827.45

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0712-01		0.9
		SILTY CLAY: ML, SILT + CLAY w fine red sands + gravel (Fill), non-plastic, very stiff, dry, cinders and brick from 1.7-2.0)		SB-0712-02		0.1
		CLAY: CL, CLAY, dk. brown (10YR 3/1), plastic, firm, sl. moist, color change to brown @ 3.5 (10YR 5/3), mottled, dk. yellowish-brown (10YR 4/6) + dk gray (10YR 4/1), medium, sticky		SB-0712-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), w/ gravel, plastic, soft, moist, sticky, grades into glacial till		SB-0712-04		3.7
				SB-0712-05		64.1
-10				SB-0712-06		36.2
				SB-0712-07		150.5
-15		SILT: CL-ML, CLAYEY-SILT, (Glacial Till), dk. brown (10YR 3/2), w fine-med sands - gravel, non-plastic, very stiff, moist		SB-0712-08	neg	182.3



BORING LOG

BORING LOG: **SB-0713**

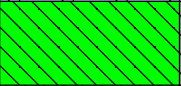
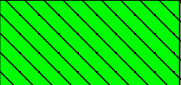
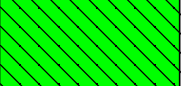
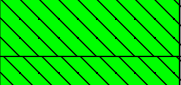
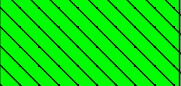
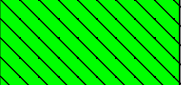
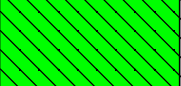
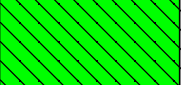
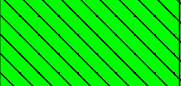
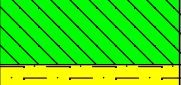
TOTAL DEPTH: **19.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **8/30/2007 8:50:00 AM**
 DATE COMPLETED: **8/30/2007 9:25:00 AM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson/DB**
 DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
 NORTHING: 1914133.57
 EASTING: 197991.2
 ELEVATION: 827.08

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0713-01		0.0
		CLAY: ML, SILT + CLAY, w/ med gravel + med sands 9fill material), non-plastic, (large gravel from 1.6-2.0)		SB-0713-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), plastic, firm, moist, mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky		SB-0713-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, gravel increasing with depth, plastic, soft, moist, wet from 6.0-6.5, sand stringer from 5.5-6.0, inc. clay with depth		SB-0713-04		0.0
				SB-0713-05		0.0
				SB-0713-06		0.0
				SB-0713-07		0.0
-10				SB-0713-08		0.0
				SB-0713-09		0.0
		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1) w/ fine med sands + gravel, non-plastic, very stiff, moist		SB-0713-10	neg	10.8
-15						
		SAND: gray SAND, coarse, loose, gravel.				



BORING LOG

BORING LOG: **SB-0714**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

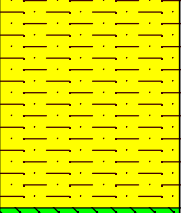
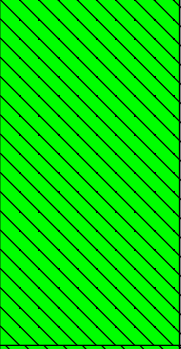
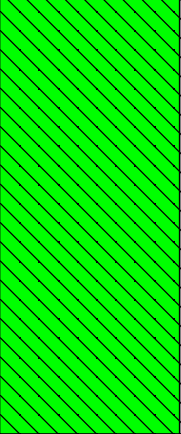
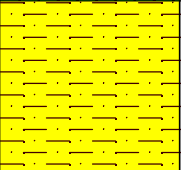
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 9:30:00 AM**
DATE COMPLETED: **8/30/2007 9:50:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914110.03
EASTING: 198004.2
ELEVATION: 827.03

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0714-01		0.0
		SILT: ML, SILT + CLAY, w/ med sands + gravel (fill material), non-plastic, very stiff, dry, concrete from 2.7-3.0)		SB-0714-02		0.0
-5		CLAY: CL, CLAY, brown (10YR 5/3), plastic, firm, moist, sl sticky, mottled, dk yellowish-brown (10YR 4/6), sticky		SB-0714-03		0.5
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), TR gravel, plastic, soft-firm, sticky, brick fragments		SB-0714-05		0.0
		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk. gray (10YR 4/1), w fine red sands + gravel, non-plastic, very stiff, moist. Refusal at 14' bgs.		SB-0714-06		0.0
				SB-0714-07		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0715**

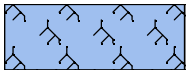
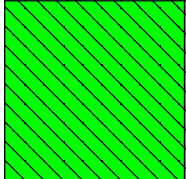
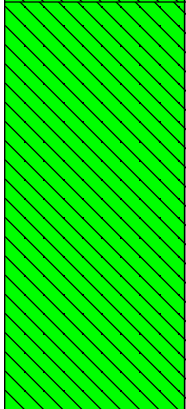
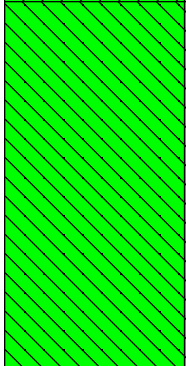
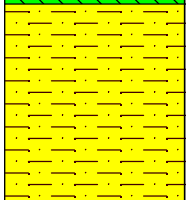
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 10:05:00 AM**
DATE COMPLETED: **8/30/2007 10:25:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914109.24
EASTING: 197966.9
ELEVATION: 827.28

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0715-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands, some gravel, (Fill material), non-plastic, firm, dry-sl. moist, (cinders brick fragments from 2.5-3.0)		SB-0715-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), , tr gravel, plastic, soft, sticky, some brick fragments @ 3.0-3.5, sand stringer @ 4.5-4.7, mottled, dk yellow-brown (10YR 4/6), dk gray (10YR 4/1), common, medium		SB-0715-03		0.1
-5				SB-0715-04		5.6
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, soft-firm, sticky		SB-0715-05		27.2
-10				SB-0715-06		26.9
				SB-0715-07		0.0
		SILT: CL-ML, clayey-SILT, (glacial till), dk gray (10YR 4/1), w/ fine-med sands + gravel, non-plastic, very stiff, moist, sand stringer @ 14.2-14.4		SB-0715-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0716**

TOTAL DEPTH: **20.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 10:35:00 AM**
DATE COMPLETED: **8/30/2007 11:15:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914106.29
EASTING: 197919.9
ELEVATION: 827.65

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0716-01		0.9
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non-plastic, firm, dry (few cinders + brick fragments @ 1.8-2.0)		SB-0716-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), tr gravel, plastic soft-firm, sl sticky, sand stringer @ 4.9-5.0, mottled, dk yellowish-brown (10YR 4/6) + dk gray (10YR 4/1), common, distinct, medium		SB-0716-03		4.2
-5				SB-0716-04		34.9
		SANDY CLAY: CL, SANDY CLAY, (10YR 5/3), tr gravel, plastic, moist, soft, sticky (cinders + brick fragments all throughout), gradual change to glacial till		SB-0716-05		20.0
-10				SB-0716-06		0.0
				SB-0716-07		0.0
		SILT: CL-ML, CLAYEY SILT, (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, very stiff, moist		SB-0716-08		0.0
-15				SB-0716-09		0.0
				SB-0716-10		15.5
-20		SAND: coarse gray SAND, wet				



ARCADIS

BORING LOG

BORING LOG: **SB-0717**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/30/2007 11:20:00 AM**

DATE COMPLETED: **8/30/2007 11:45:00 AM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson/DB**

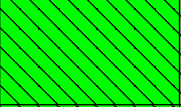
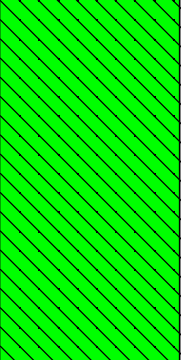
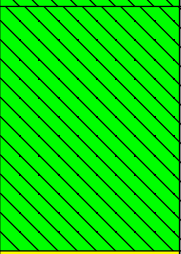
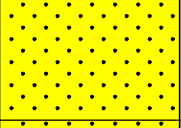
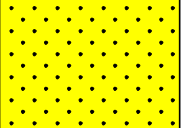
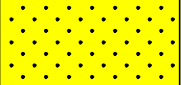
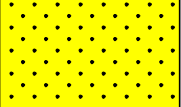
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914102.44

EASTING: 197825

ELEVATION: 827.85

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0717-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non-plastic, firm, dry (cinders + oxidation 1.5-2.0)				
		CLAY: CL, CLAY dk brown (10YR 3/1), plastic, moist, color change to brown (10YR 5/3) @ 4.0, mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky		SB-0717-02		0.0
				SB-0717-03		0.0
				SB-0717-04		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 3/1), trace gravel, plastic, moist, soft, sticky, few cinders		SB-0717-05		7.9
-10		SAND: SM, SILTY SAND, reddish-brown 5YR 5/8), trace gravel.		SB-0717-06		0.0
		SAND: SW-SP, med-cse SAND, lt. brown (10YR 5/8) to lt gray (10YR 5/1), moist, loose		SB-0717-07		0.6
				SB-0717-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0718**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/30/2007 1:08:00 PM**

DATE COMPLETED: **8/30/2007 1:20:00 PM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson/DB**

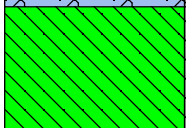
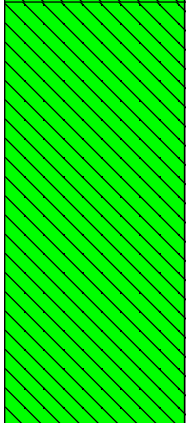
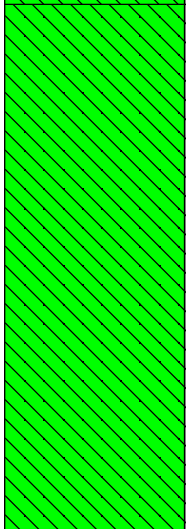
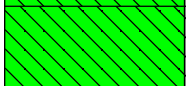
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914084.57

EASTING: 197835.9

ELEVATION: 827.78

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0718-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non plastic, firm, dry, (cinders + few brick fragments from 2.1-2.3).		SB-0718-02		0.0
		CLAY: CL, CLAY, dk brown (10YR3/1), plastic, moist, color change to brown (10YR 5/3) @ 3.5, mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR4/1), common, medium, plastic, sticky		SB-0718-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky, reddish-brown sticky sand @ 9.0, limestone @14.0'		SB-0718-04		0.0
				SB-0718-05		9.3
-10				SB-0718-06		4.8
				SB-0718-07		2.2
-15		CLAY: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, very stiff, moist		SB-0718-08		53.5



ARCADIS

BORING LOG

BORING LOG: **SB-0719**

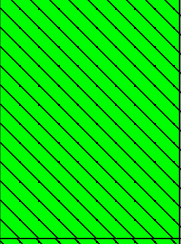
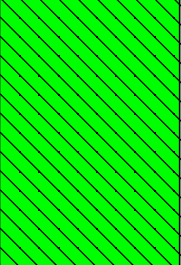
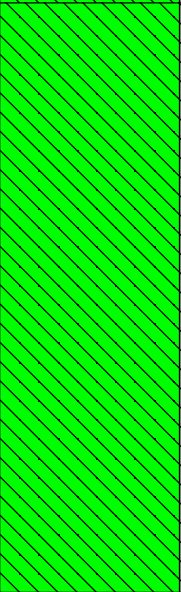
TOTAL DEPTH: **13.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 1:23:00 PM**
DATE COMPLETED: **8/30/2007 1:35:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: **1914085.03**
EASTING: **197881.2**
ELEVATION: **827.73**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0719-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (Fill material), non-plastic, firm, dry, (few cinders @ 2.0-3.0).		SB-0719-02		0.0
		CLAY: CL, CLAY, dk brown (10yr 3/1), plastic, moist, color change to brown @ 4.0 (10yr 5/3), mottled, dk yellow-brown (10YR 4/6) +dk gray (10YR 4/1), common, medium, plastic, sticky		SB-0719-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky, sand stringer @ 10.0-10.2.		SB-0719-04		0.0
				SB-0719-05		11.4
				SB-0719-06		0.3
				SB-0719-07	neg	0.0
		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, very stiff, moist. Refusal @ 13.5'				



ARCADIS

BORING LOG

BORING LOG: **SB-0720**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 1:38:00 PM**
DATE COMPLETED: **8/30/2007 2:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914086.6
EASTING: 197916.9
ELEVATION: 827.46

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0720-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non-plastic, firm, dry				
		CLAY: CL, CLAY, brown (10YR 5/3), plastic, firm, moist, tr gravel, sticky, w/ cinders all throughout, mottled, dk yellow-brown (10YR 4/6 + dk gray (10YR 4/1), common, medium, sticky		SB-0720-02		0.0
				SB-0720-03		2.4
-5				SB-0720-04		2.4
		SANDY CLAY: CL, SANDY CLAY, brown (10 YR 5/3), tr gravel, plastic, moist, soft, sticky, inc. clay w/ depth		SB-0720-05		2.4
				SB-0720-06		0.0
-10		SILT: CL-ML, CLAYEY SILT, (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, very stiff, moist, sand units wet, approx every <1.0' (seams) @ 13.4',14.2 (Sudan IV test taken at those 2 intervals), vertical fractures in till, oxidized fractures.		SB-0720-07	neg	0.0
				SB-0720-08	neg	0.0
-15						



BORING LOG

BORING LOG: **SB-0721**

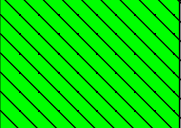
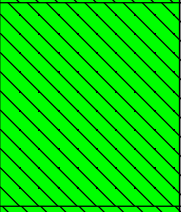
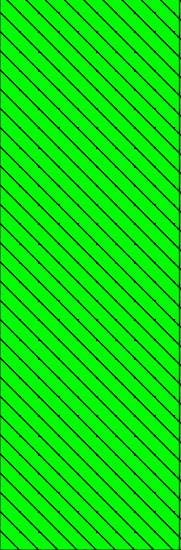
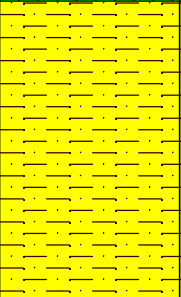
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 2:03:00 PM**
DATE COMPLETED: **8/30/2007 2:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914085.35
EASTING: 197964.3
ELEVATION: 827.49

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0721-01		4.2
		SILTY CLAY: MOL, SILTY CLAY, fine sands + gravel (fill mat), non-plastic, firm, dry				
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, color change to brown (10YR 5/3), @ 3.5', mottled dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, sticky		SB-0721-02		0.0
				SB-0721-03		0.0
-5		CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky, inc. clay w/ depth.		SB-0721-04		40.2
				SB-0721-05	neg	227.9
-10				SB-0721-06	neg	379.0
		SILT: CL-ML, CLAYEY SILT, (glacial till), dk gray (10YR 4/1) medium sands + gravel, non-plastic, very stiff, moist		SB-0721-07		0.0
				SB-0721-08		2.2
-15						



BORING LOG

BORING LOG: **SB-0722**

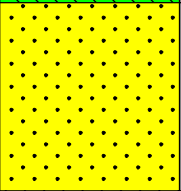
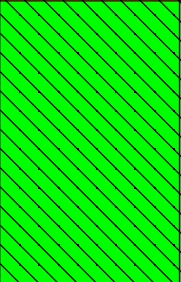
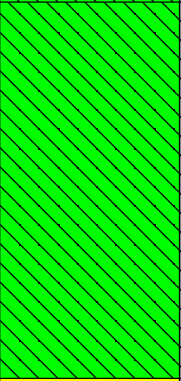
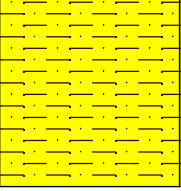
TOTAL DEPTH: **13.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 2:25:00 PM**
DATE COMPLETED: **8/30/2007 2:50:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914084.68
EASTING: 198000.7
ELEVATION: 827.11

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0722-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands, gravel (fill mat), non-plastic, firm, dry				
		SAND: SW, medium SAND, brown (10YR 5/3), tr gravels, soft, loose, some silt (concrete from 3.6-4.0)		SB-0722-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), plastic, firm, moist tr gravel, sticky mottled, dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), common, medium, sticky		SB-0722-03		6.7
-5				SB-0722-04		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky, grades into till		SB-0722-05		0.0
-10				SB-0722-06		0.0
		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1), medium sands + gravel, non-plastic, very stiff, moist. (Refusal 2x, once at 3', offset, refusal @ 13')		SB-0722-07		0.0



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BORING LOG

BORING LOG: **SB-0723**

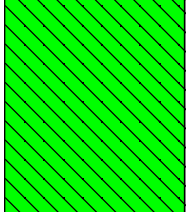
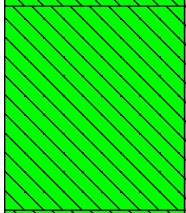
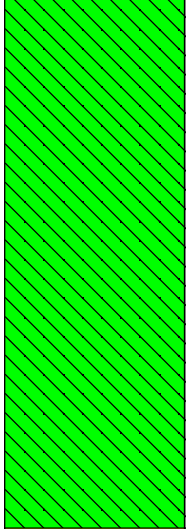
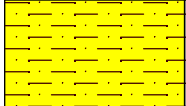
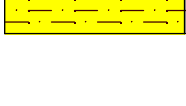
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 2:55:00 PM**
DATE COMPLETED: **8/30/2007 3:15:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914054.5
EASTING: 198003.5
ELEVATION: 827.21

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0723-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material), fine sands + gravel, non-plastic, firm, dry (cinders, brick, slag from 2.7-3.0)		SB-0723-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, sticky, color change @ 3.5 to brown, mottled (10YR 5/3), dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium		SB-0723-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky		SB-0723-04		0.0
				SB-0723-05		0.0
				SB-0723-06		0.0
				SB-0723-07		0.0
-10		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), hard, med sands + gravel, non-plastic, moist		SB-0723-08		6.1
-15						



BORING LOG

BORING LOG: **SB-0724**

TOTAL DEPTH: **14.50**

PROJECT INFORMATION

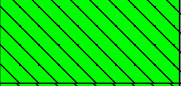
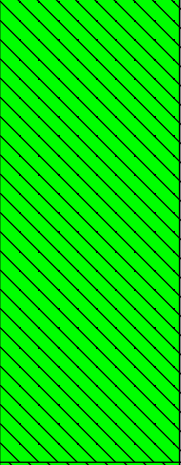
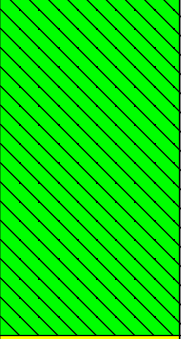
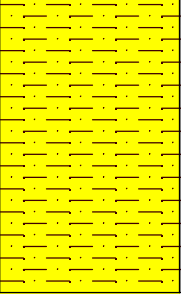
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 3:25:00 PM**
DATE COMPLETED: **8/30/2007 3:40:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914059.92
EASTING: 197966.6
ELEVATION: 827.54

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0724-01		0.0
		SILTY CLAY: ML, SILTY CLAY, (fill material), fine sand + gravel, non-plastic, firm, dry				
		CLAY: CL, CLAY, brown (10 YR 5/3), mottled, dk yellow-brown 910YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky		SB-0724-02		0.0
				SB-0724-03		0.0
-5				SB-0724-04		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky		SB-0724-05		0.0
-10				SB-0724-06		0.0
		SILT: CL-ML, CLAYEY SILT, (glacial till), dk gray (10YR 4/1), med sand + gravel, non plastic, very stiff, moist (no recovery from 10-13.5' bgs)		SB-0724-07		0.0
				SB-0724-08		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0725**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/30/2007 3:45:00 PM**

DATE COMPLETED: **8/30/2007 4:00:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson/DB**

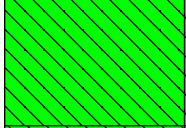
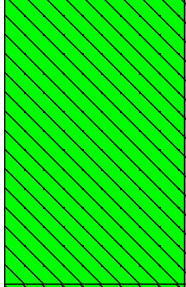
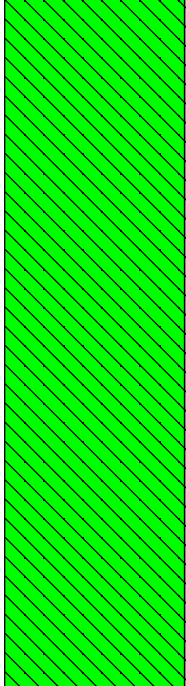
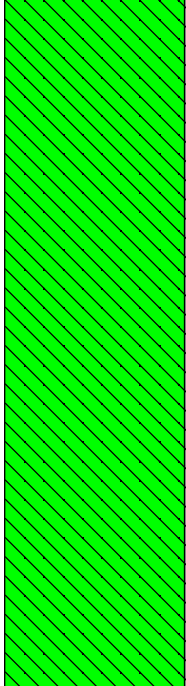
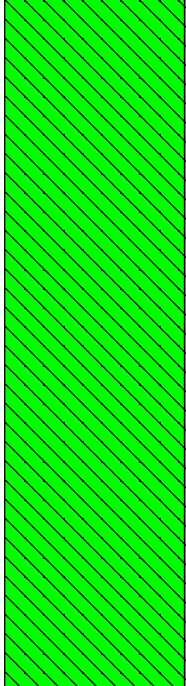
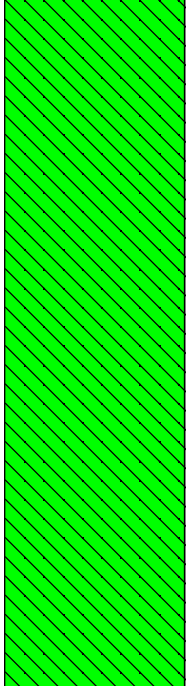
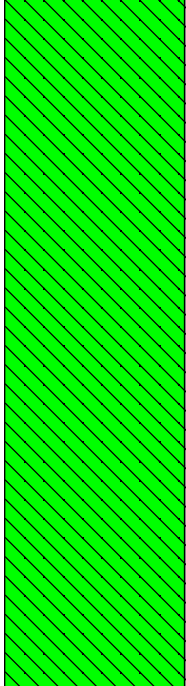
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914063.88

EASTING: 197874.5

ELEVATION: 827.70

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0725-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material), fine sand + gravel, non-plastic, firm, dry (cinders and brick fill 1.8-2.0)		SB-0725-02		0.0
		CLAY: CL, CLAY, brown (10 YR 5/3), mottled dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), plastic, moist, sticky, common, medium		SB-0725-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, soft, sticky, grades into till, sand streamer at 13.5-14.0		SB-0725-04		0.0
				SB-0725-05		0.0
				SB-0725-06		0.0
				SB-0725-07		0.0
-10				SB-0725-08		0.0
		SILT: CL-ML, CLAYEY SILT (glacial till), large gravel, dk gray (10YR 4/1), med sand, non-plastic, very stiff, moist.				
-15						



BORING LOG

BORING LOG: **SB-0727**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

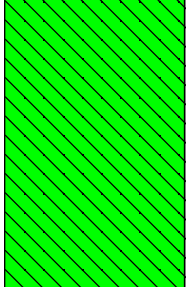
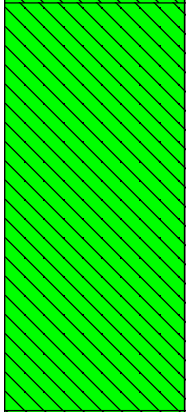
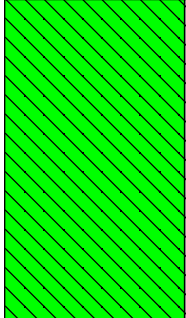
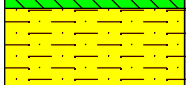
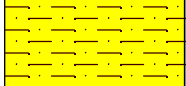
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 4:45:00 PM**
DATE COMPLETED: **8/30/2007 4:58:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914194.29
EASTING: 197780.6
ELEVATION: 828.75

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0727-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material), fine sand + gravel, non-plastic, firm, dry (cinders throughout).		SB-0727-02		0.0
-5		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, stick, color change @ 5.5 to brown (10YR 5/8), mottled, dk yellow-brown (10YR 4/6), common, medium, cinders all throughout.		SB-0727-03		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, sticky		SB-0727-04		0.0
-10				SB-0727-05		0.0
				SB-0727-06		0.0
				SB-0727-07	neg	56.7
-15		SILT: CL-ML, CLAYEY SILT (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, very stiff, moist		SB-0727-08		0.0



BORING LOG

BORING LOG: **SB-0726**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

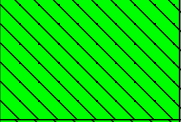
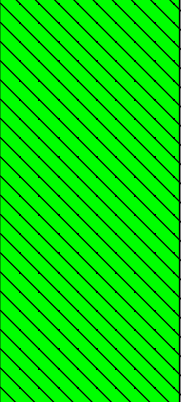
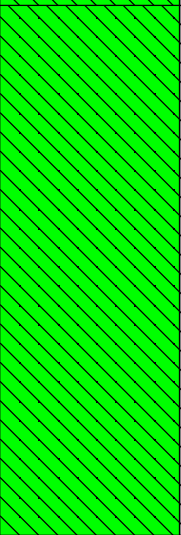
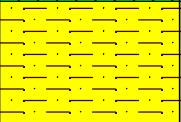
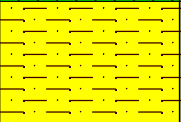
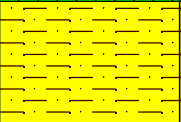
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 4:20:00 PM**
DATE COMPLETED: **8/30/2007 4:35:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914065.64
EASTING: 197831
ELEVATION: 827.88

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0726-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material) w medium sand + gravel, non-plastic, very stiff, dry (cinders, slag, brick from 1.5-2.0)		SB-0726-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 5/3), plastic, sticky, moist, color change to brown (10YR 5/3) @ 4.0, mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, wet @ 6.0-6.5.		SB-0726-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, moist, sticky, sand stringer @ 9.0-9.2, very wet @ 11.0-11.5, sand stringer @ 13.3-13.7.		SB-0726-04		0.0
				SB-0726-05		8.6
-10				SB-0726-06		4.8
				SB-0726-07		11.6
-15		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1), med sand gravel, non-plastic, very stiff, moist		SB-0726-08		0.0



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BORING LOG

BORING LOG: **SB-0728**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 5:34:00 PM**
DATE COMPLETED: **8/30/2007 5:46:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914200.58
EASTING: 197765.7
ELEVATION: 828.85

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0728-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material), fine sand + gravel, non-plastic, cinders from 3.0-4.0, firm, dry		SB-0728-02		0.0
-5		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, sticky, color change to brown @ 6.5 (10YR 5/8), mottled dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium		SB-0728-03		0.0
				SB-0728-04		0.0
				SB-0728-05		0.0
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/7), tr gravel, plastic, soft, moist, wet from 9.0-9.5.		SB-0728-06		3.2
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1) med sand + gravel, non-plastic, very stiff, moist.		SB-0728-07		9.7
-15				SB-0728-08		21.9



BORING LOG

BORING LOG: **SB-0729**

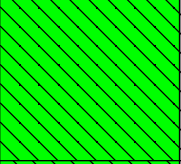
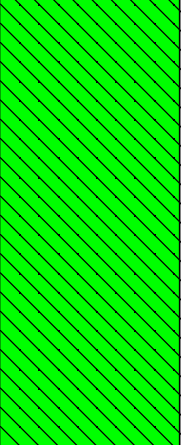
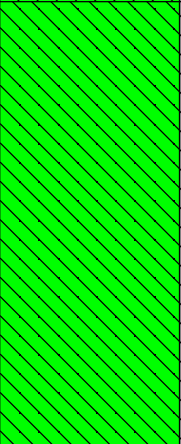
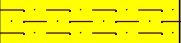
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 5:00:00 PM**
DATE COMPLETED: **8/30/2007 5:10:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: **1914176.07**
EASTING: **197773**
ELEVATION: **828.60**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0729-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non-plastic, firm, dry		SB-0729-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/5), plastic, moist, sticky, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium		SB-0729-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), brown, tr gravel, wet @ 8.5-9.0, moist, sticky, plastic.		SB-0729-04		0.0
				SB-0729-05		0.0
				SB-0729-06		0.0
				SB-0729-07		0.9
-10		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray, (10YR 4/1), med sand + gravel, non-plastic, very stiff, moist		SB-0729-08		10.6
-15						



BORING LOG

BORING LOG: **SB-0730**

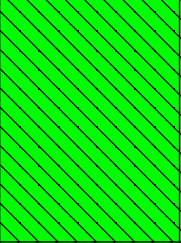
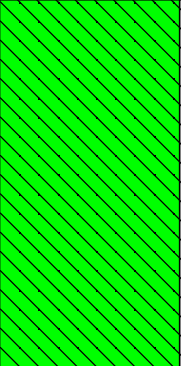
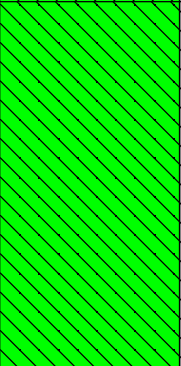
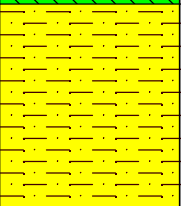
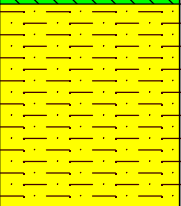
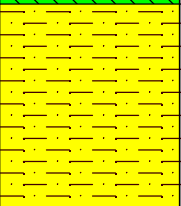
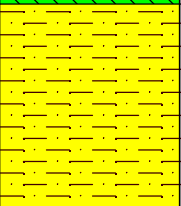
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/30/2007 5:15:00 PM**
DATE COMPLETED: **8/30/2007 5:30:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: **1914189.37**
EASTING: **197755.7**
ELEVATION: **828.74**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0730-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sands + clay + gravel (fill material), non-plastic, firm, dry (cinders from 3.3-3.5).		SB-0730-02		0.0
-5		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, moist, sticky, color change @ 4.7 to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6 + dk gray 10YR 4/1), common, medium		SB-0730-03		0.0
				SB-0730-04		0.0
		SANDY CLAY: CL sandy CLAY brown (10YR 5/3) plastic, moist, sticky, wet at 8.0-9.0, trace gravel.		SB-0730-05		0.0
-10				SB-0730-06		0.0
				SB-0730-07		0.0
-15		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, very stiff, moist.		SB-0730-08		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0731**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 7:25:00 AM**
DATE COMPLETED: **8/31/2007 7:40:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914091.54
EASTING: 197971.9
ELEVATION: 827.39

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0731-01		0.8
		SILTY CLAY: ML, SILTY CLAY, w fine sands + gravel (fill material), non-plastic, stiff, dry, cinders from 1.3-1.5.				
		CLAY: CL, CLAY, brown (10YR 5/3), tr. gravel, mottled, dk yellow-brown (10YR 4/6), plastic, moist, sticky, sand stringer @ 4.0-4.3.		SB-0731-02		0.8
				SB-0731-03		1.7
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, sticky, moist, soft, plastic, wet @ 10.0-11.0		SB-0731-04		1.9
				SB-0731-05		4.8
-10				SB-0731-06		3.9
				SB-0731-07		0.8
		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, moist, sand steam @ 13.5-13.7.				



ARCADIS

BORING LOG

BORING LOG: **SB-0732**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

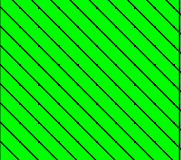
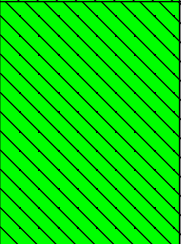
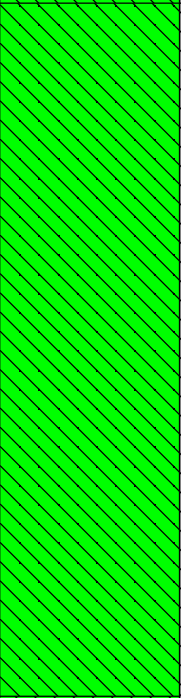
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 7:41:00 AM**
DATE COMPLETED: **8/31/2007 7:55:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914093.72
EASTING: 197957.9
ELEVATION: 827.53

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0732-01		1.7
		SILTY CLAY: ML, SILTY CLAY, fine sands + gravel (fill material), non-plastic, firm, dry		SB-0732-02		2.5
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), plastic, moist, sticky, common, medium		SB-0732-03		6.5
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, sticky, moist, soft, plastic		SB-0732-04		25.8
				SB-0732-05		69.1
-10				SB-0732-06		75.7
				SB-0732-07	neg	322.0
-15		SILTY CLAY: CL-ML, SILTY CLAY, (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist sand, coarse @ 14.5-15.0		SB-0732-08		24.9



ARCADIS

BORING LOG

BORING LOG: **SB-0733**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 7:57:00 AM**
DATE COMPLETED: **8/31/2007 8:07:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914077.86
EASTING: 197971.4
ELEVATION: 827.55

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0733-01		1.7
		SILTY CLAY: ML, SILTY CLAY, fine med sand + gravel 9fill materials), non-plastic, firm, dry.		SB-0733-02		1.1
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6), dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft.		SB-0733-03		4.8
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, sticky, moist, soft, plastic.		SB-0733-04		3.4
				SB-0733-05		16.5
-10				SB-0733-06		4.5
				SB-0733-07		0.0
-15		SILT: CL-ML, CLAYEY-SILT, (glacial till), dk-gray (10YR 4/1), med sands + gravel, non-plastic, hard, moist		SB-0733-08		0.0



BORING LOG

BORING LOG: **SB-0734**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/31/2007 8:04:00 AM**

DATE COMPLETED: **8/31/2007 8:25:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **DB/SM**

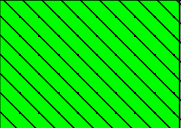
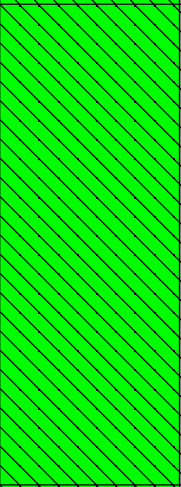
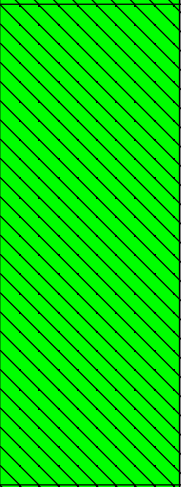
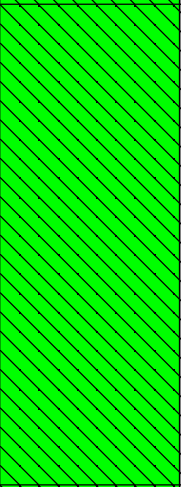
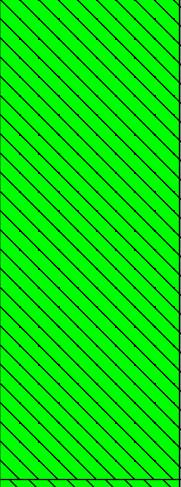
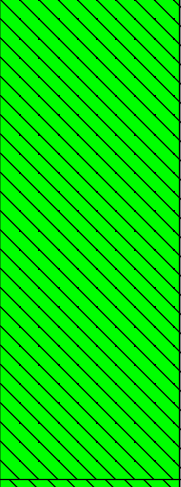
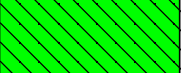
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914079.01

EASTING: 197956.1

ELEVATION: 827.51

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0734-01		2.8
		SILTY CLAY: ML, SILTY CLAY, fine-med sands + gravel, (fill material), non-plastic, firm, dry.				
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft		SB-0734-02		3.4
-5				SB-0734-03		18.8
				SB-0734-04		51.8
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, soft, moist, sticky		SB-0734-05		156.8
-10				SB-0734-06		133.2
		SILTY CLAY: CL-ML, SILTY CLAY (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist		SB-0734-07		62.5



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BORING LOG

BORING LOG: **SB-0735**

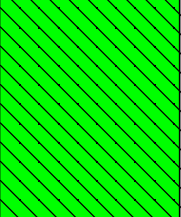
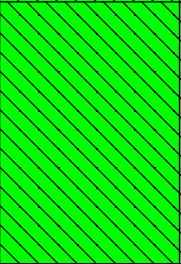
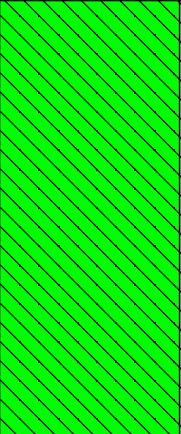
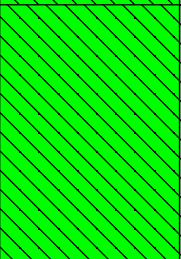
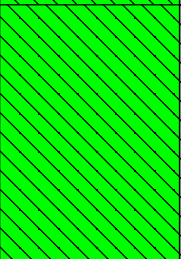
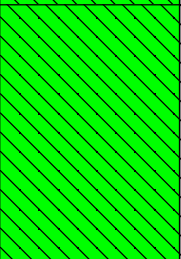
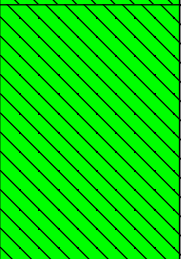
TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 8:28:00 AM**
DATE COMPLETED: **8/31/2007 8:38:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914069.32
EASTING: 198006
ELEVATION: 827.19

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0735-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill material), fine sands + gravel, non-plastic, firm, dry, cinders from 2.5-3.0.		SB-0735-02		0.0
		CLAY: CL, CLAY, brown (10 YR 5/3), mottled, dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), common, medium plastic, sticky, moist, soft.		SB-0735-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, sticky, moist, soft, 7.0-7.5 appears to be true clay pipe.		SB-0735-04		0.0
				SB-0735-05		0.0
				SB-0735-06		0.0
-10		SILTY CLAY: CL-ML, SILTY CLAY (glacial till), dk gray (10YR 4/1), non-plastic, moist, med sand + gravel, hard.		SB-0735-07		0.0
						



BORING LOG

BORING LOG: **SB-0736**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

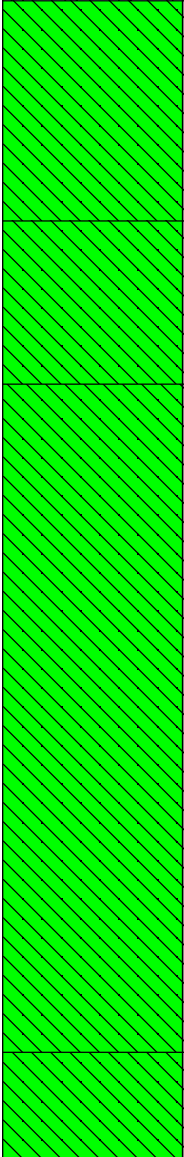
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 8:40:00 AM**
DATE COMPLETED: **8/31/2007 8:50:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914060.36
EASTING: 198015.8
ELEVATION: 827.03

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0736-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sand + gravel (fill material), non-plastic, firm, dry, sand stringers from 3.0-3.5.		SB-0736-02		0.2
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft		SB-0736-03		0.2
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, soft, moist, sticky.		SB-0736-04		0.0
				SB-0736-05		0.5
-10				SB-0736-06		0.0
				SB-0736-07		0.0
-15		SILTY CLAY: CL-ML, SILTY CLAY (glacial till), dk gray (10YR 4/1), hard, med sand + gravel, non-plastic, moist.		SB-0736-08		0.5



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BORING LOG

BORING LOG: **SB-0737**

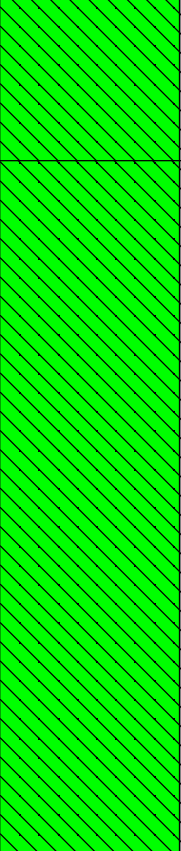
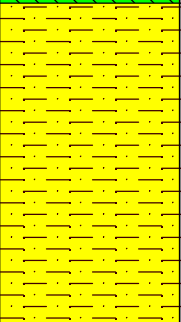
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 8:53:00 AM**
DATE COMPLETED: **8/31/2007 9:19:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914069.72
EASTING: 198026
ELEVATION: 827.14

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0737-01		0.2
		SILTY CLAY: ML, SILTY CLAY, fine sand + gravel (fill mat), non-plastic, firm, dry.		SB-0737-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6 + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft.		SB-0737-03		0.0
-5				SB-0737-04		3.4
				SB-0737-05		0.0
-10				SB-0737-06		0.0
		SILT: CL-ML, CLAYEY SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist		SB-0737-07		0.6
-15				SB-0737-08		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0738**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 9:23:00 AM**
DATE COMPLETED: **8/31/2007 9:35:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914077.69
EASTING: 198018.9
ELEVATION: 827.08

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL/OXIDATION		SB-0738-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill), non-plastic, firm, dry.		SB-0738-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), mottled by dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, and soft.		SB-0738-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft.		SB-0738-04		0.0
				SB-0738-05		0.0
-10				SB-0738-06		0.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, stiff, moist.		SB-0738-07		0.0
				SB-0738-08		0.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0739**

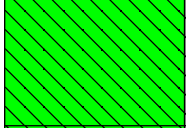
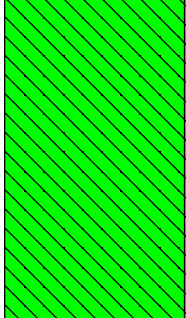
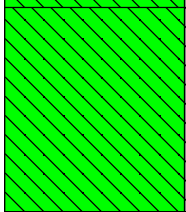
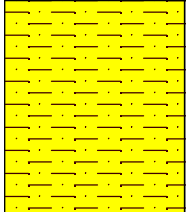
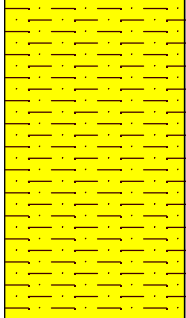
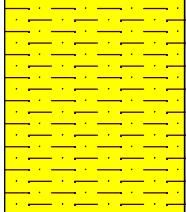
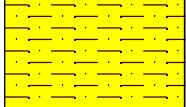
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 9:55:00 AM**
DATE COMPLETED: **8/31/2007 10:08:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: **1914171.17**
EASTING: **197976.2**
ELEVATION: **827.42**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0739-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sand + gravel (fill), non-plastic, firm, dry, cinders from 1.8-2.0.		SB-0739-02		0.0
		CLAY: CL, CLAY, dk brown (10YR4/1), color change to brown (10YR 5/3) @ 3.5', mottled dark yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft.		SB-0739-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), plastic, tr gravel, sticky, moist, soft (wet @ 8.0-8.5), grades into till		SB-0739-04		0.0
				SB-0739-05		0.0
-10		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist, increasing hardness with depth. gray coarse sand string @ 14.5-14.8.		SB-0739-06		0.0
				SB-0739-07		0.0
-15				SB-0739-08		0.0



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BORING LOG

BORING LOG: **SB-0740**

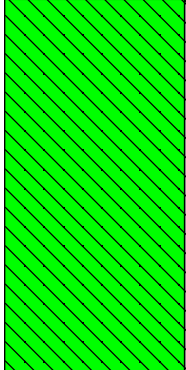
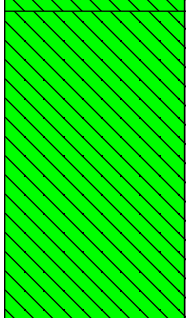
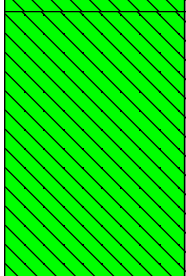
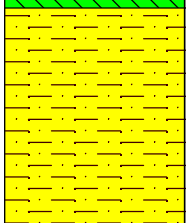
TOTAL DEPTH: **13.50**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 10:10:00 AM**
DATE COMPLETED: **8/31/2007 10:20:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914186.71
EASTING: 197975.7
ELEVATION: 827.60

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0740-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sand + gravel, (fill), non-plastic, firm, dry, concrete and brick from 3.5-4.5.		SB-0740-02		0.0
				SB-0740-03		0.0
-5		CLAY: CL, CLAY, brown (10YR 5/3), mottled dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft, wet @ 7.0-8.0.		SB-0740-04		0.0
				SB-0740-05		0.0
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft.		SB-0740-06		0.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non plastic, hard, moist.		SB-0740-07		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0741**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 10:21:00 AM**
DATE COMPLETED: **8/31/2007 10:35:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914190.2
EASTING: 197992.1
ELEVATION: 827.45

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0741-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine sand + gravel (fill), non-plastic, firm, dry.		SB-0741-02		0.0
				SB-0741-03		0.0
-5		CLAY: CL, CLAY, brown (10YR 5/3), mottled yellow-brown (10YR 4/6) + gray (10YR 4/1) common, medium, plastic, sticky, moist, soft.		SB-0741-04		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft, brick fragments from 8.0-10.0		SB-0741-05		0.0
				SB-0741-06		0.0
-10				SB-0741-07		0.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dark gray (10YR 4/1), med sand + gravel, non-plastic, moist.		SB-0741-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0742**

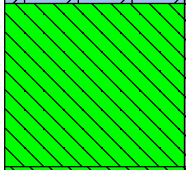
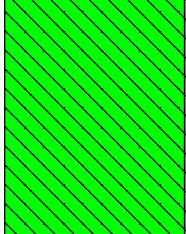
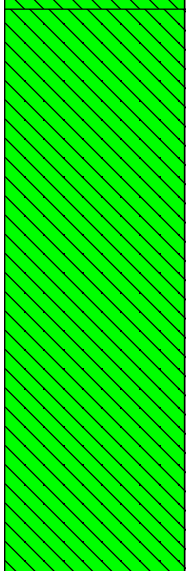
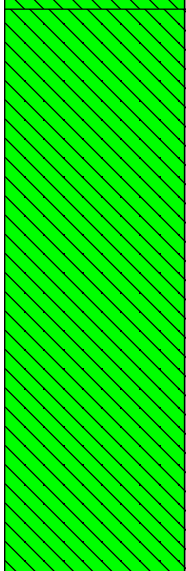
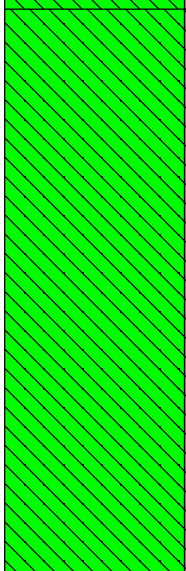
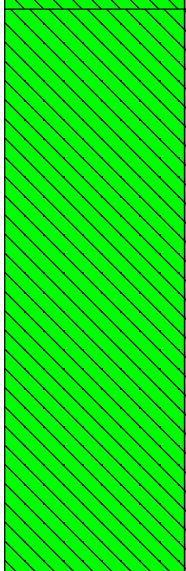
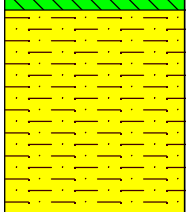
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 10:54:00 AM**
DATE COMPLETED: **8/31/2007 11:05:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914236.19
EASTING: 197839.9
ELEVATION: 828.17

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0742-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0742-02		1.1
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0742-03		3.4
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0742-04		7.4
				SB-0742-05		24.0
-10				SB-0742-06		59.3
				SB-0742-07		65.5
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0742-08		84.2
-15						



BORING LOG

BORING LOG: **SB-0743**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **8/31/2007 11:09:00 AM**

DATE COMPLETED: **8/11/2007 11:20:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **DB/SM**

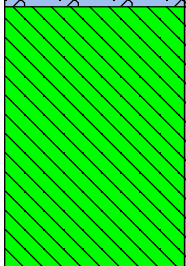
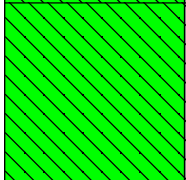
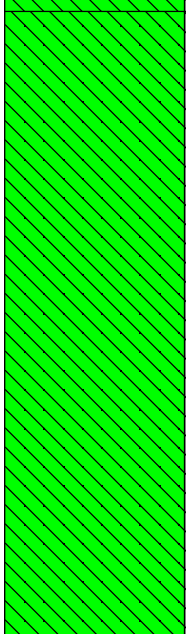
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914237.71

EASTING: 197776.7

ELEVATION: 828.87

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0743-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill), non-plastic, firm, dry.		SB-0743-02		0.0
-5		CLAY: CL, CLAY, brown (10 YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dark gray (10YR 4/1), common, medium, plastic, sticky, moist, soft.		SB-0743-03		0.5
		SANDY CLAY: CL, SANDY CLAY, brown ((10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft.		SB-0743-04		7.8
				SB-0743-05		11.9
-10				SB-0743-06		47.3
				SB-0743-07		36.0
-15		SILT: CL-ML, CLAYEY-SILT 9glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist.		SB-0743-08		0.5



BORING LOG

BORING LOG: **SB-0744**

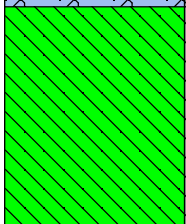
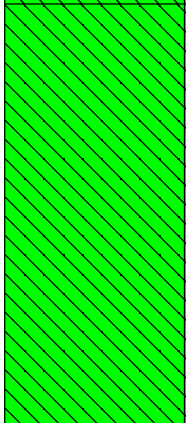
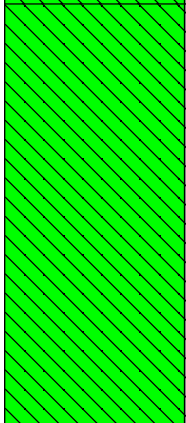
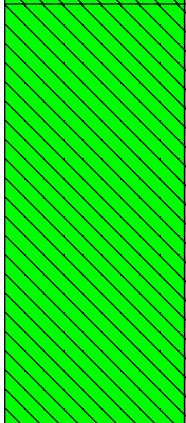
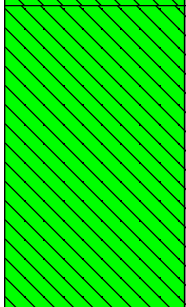
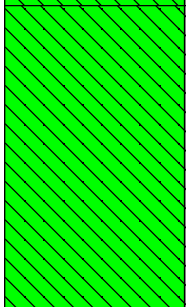
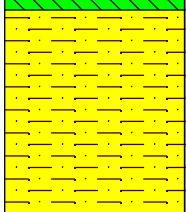
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 11:22:00 AM**
DATE COMPLETED: **8/31/2007 11:31:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914236.73
EASTING: 197750.2
ELEVATION: 829.00

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0744-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill), non-plastic, firm, dry.		SB-0744-02		0.2
		CLAY: CL, CLAY, brown (10YR 5/3), + yellow-brown (10YR 4/6), mottling at 5.5', common, medium, plastic, sticky, moist, soft.		SB-0744-03		0.2
-5				SB-0744-04		0.2
				SB-0744-05		0.0
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft, wet @8.7-9.5.		SB-0744-06		8.2
				SB-0744-07		121.7
-15		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist.		SB-0744-08		35.1



BORING LOG

BORING LOG: **SB-0745**

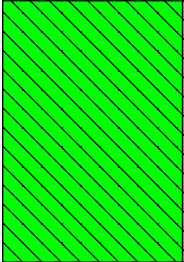
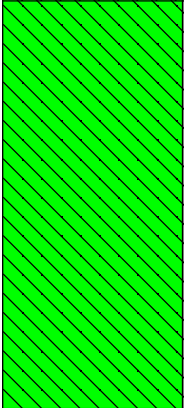
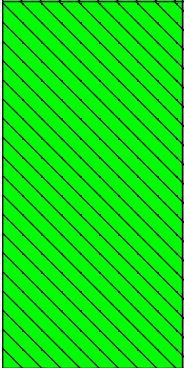
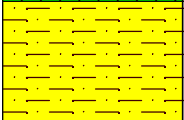
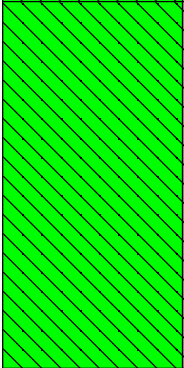
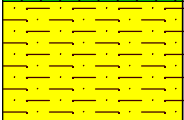
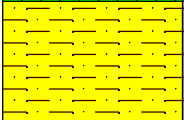
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **8/31/2007 11:33:00 AM**
DATE COMPLETED: **8/31/2007 11:45:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **DB/SM**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914235.83
EASTING: 197732.6
ELEVATION: 828.98

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0745-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill), non-plastic, firm, dry, cinders @ 3.5-4.0.		SB-0745-02		0.0
-5		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, moist, soft, color change @5.0 to brown (10YR 5/3), mottled, dk yellow (10YR 4/6), + dark gray (10YR 4/1), common, medium, cinders @ 4.0-4.5 with brick.		SB-0745-03		0.0
				SB-0745-04		0.0
				SB-0745-05		0.0
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft, very wet from 10.0-13.5.		SB-0745-06		1.1
				SB-0745-07		1.9
-15		SILT: CL-ML, CLAYEY SILT, (glacial till, dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist, cse gray sand @ 14.5-14.8.		SB-0745-08		0.5



BORING LOG

BORING LOG: **SB-0746**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

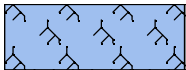
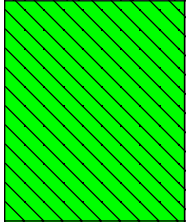
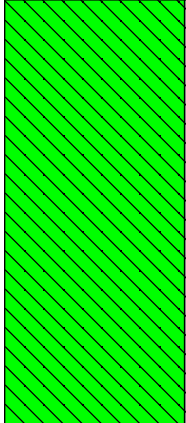
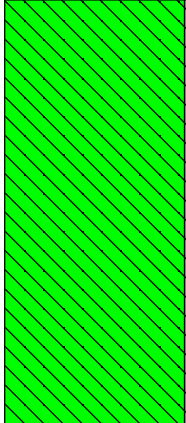
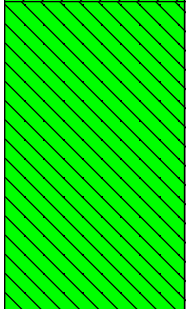
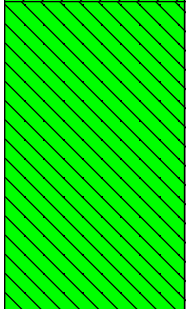
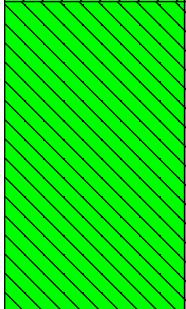
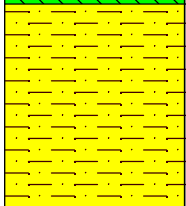
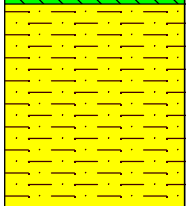
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/4/2007 1:02:00 PM**
DATE COMPLETED: **9/4/2007 1:16:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914262.12
EASTING: 197748.2
ELEVATION: 828.91

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0746-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sands + gravel (fill material), non-plastic, firm, and dry.		SB-0746-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3) + dk brown (10YR 4/6), mottling @5.5', common, medium, plastic, sticky, moist, soft.		SB-0746-03		0.0
-5				SB-0746-04		0.0
				SB-0746-05		0.6
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr. gravel, plastic, sticky, moist, soft, wet @ 8.7-9.5.		SB-0746-06		4.5
-10				SB-0746-07		11.9
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk. gray (10YR 4/1), med sands + gravel, non-plastic, hard, moist.		SB-0746-08		12.4
-15						



BORING LOG

BORING LOG: **SB-0747**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

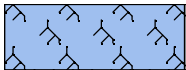
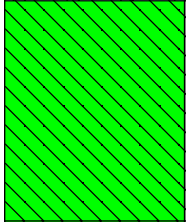
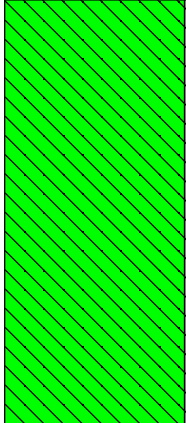
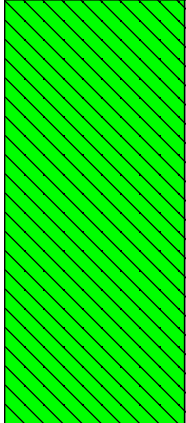
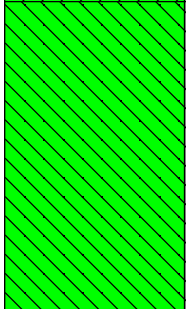
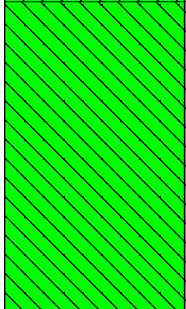
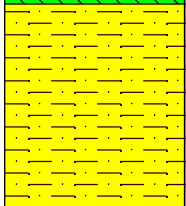
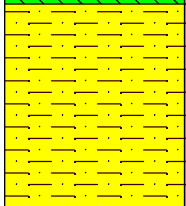
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/4/2007 1:22:00 PM**
DATE COMPLETED: **9/4/2007 1:34:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson/DB**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914215.3
EASTING: 197751.5
ELEVATION: 828.96

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0747-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill), non-plastic, firm, dry.		SB-0747-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3), + yellow-brown (10YR 4/6), mottling at 5.5', common, medium, plastic, sticky, moist, soft.		SB-0747-03		0.0
-5				SB-0747-04		0.0
				SB-0747-05		0.0
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), trace gravel, plastic, sticky, moist, soft, wet @8.7-9.5.		SB-0747-06		0.0
				SB-0747-07		8.2
-15		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist.		SB-0747-08		27.3



BORING LOG

BORING LOG: **SB-0748**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

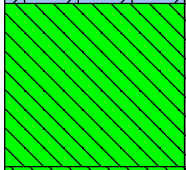
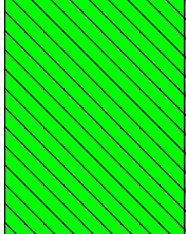
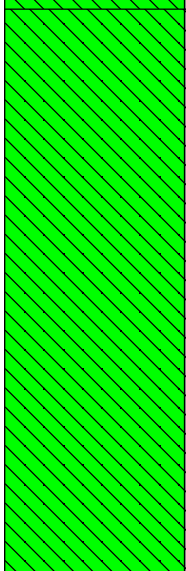
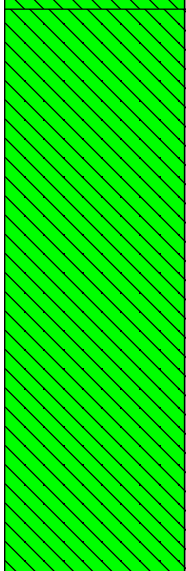
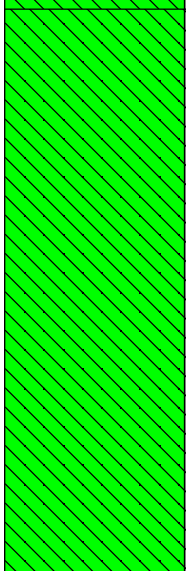
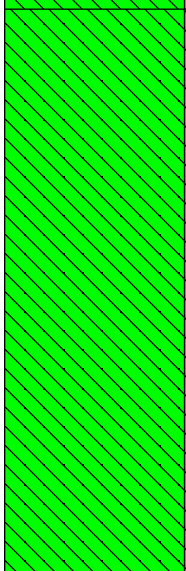
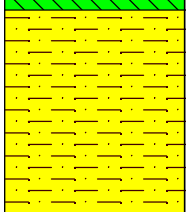
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/4/2007 4:32:00 PM**
DATE COMPLETED: **9/4/2007 4:37:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914257.25
EASTING: 197840.9
ELEVATION: 828.22

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0748-01		0.6
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0748-02		1.5
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0748-03		1.2
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0748-04		6.7
				SB-0748-05		14.3
-10				SB-0748-06		7.0
				SB-0748-07		38.8
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0748-08		1.2
-15						



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BORING LOG

BORING LOG: **SB-0749**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/7/2007 3:00:00 PM**

DATE COMPLETED: **9/7/2007 3:14:00 PM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

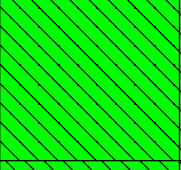
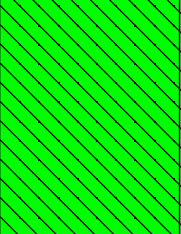
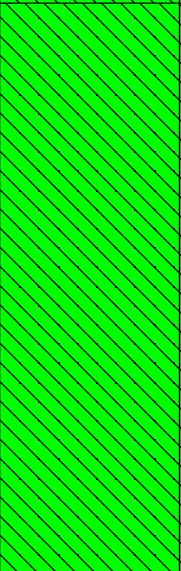
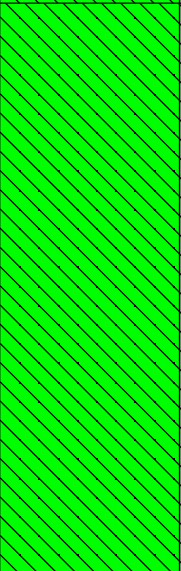
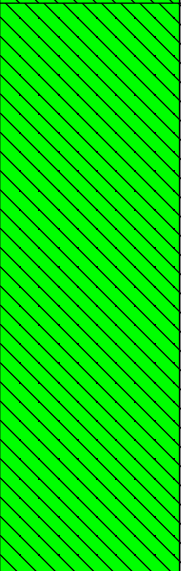
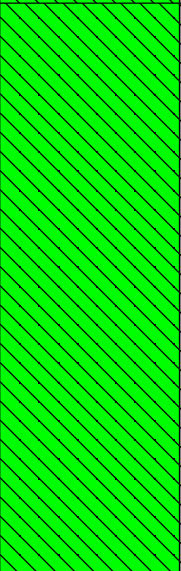
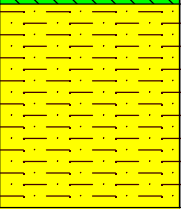
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914238.6

EASTING: 197816.1

ELEVATION: 828.34

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0749-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0749-02		4.8
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0749-03		2.1
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0749-04		5.7
				SB-0749-05		41.3
-10				SB-0749-06		140.0
				SB-0749-07		409.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0749-08		525.0
-15						



BORING LOG

BORING LOG: **SB-0750**

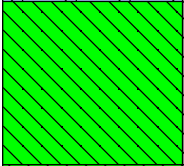
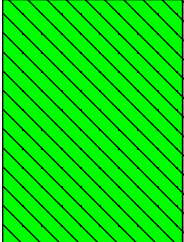
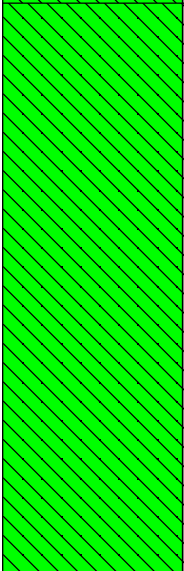
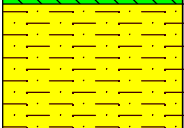
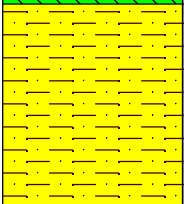
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/4/2007 3:58:00 PM**
DATE COMPLETED: **9/4/2007 4:13:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914233.98
EASTING: 197864.4
ELEVATION: 828.06

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0750-01		5.4
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0750-02		1.2
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0750-03		0.6
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0750-04		1.5
				SB-0750-05		7.6
				SB-0750-06		7.0
				SB-0750-07		30.7
-10		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0750-08		67.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0751**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/4/2007 4:59:00 PM**

DATE COMPLETED: **9/4/2007 5:10:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

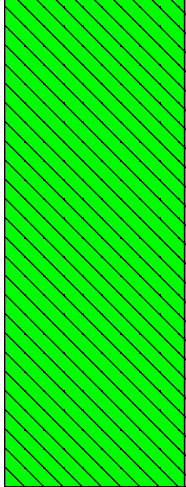
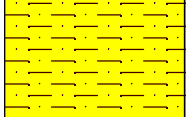
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914171.56

EASTING: 197854.3

ELEVATION: 827.82

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0751-01		0.0
		SILT: (fill material) ML, SILT, TR clay w/ fine sands + gravel, non-plastic, very stiff, dry.		SB-0751-02		0.6
		CLAY: CL, CLAY dk. brown (10YR 3/1), plastic, firm, moist, color change to brown (10YR 5/3) @ 4.5, mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0751-03		3.6
-5				SB-0751-04		3.0
				SB-0751-05		220.4
-10		CLAY: CL, Sandy CLAY (10YR 5/3), brown, trace gravels, plastic, soft, moist, sticky wet w/ inc, depth, sand stringers at 8.5-8.7, 9.0-9.3, 9.5-9.8, 11.5-11.7, med-coarse sands		SB-0751-06		459.0
				SB-0751-07		404.0
		SILT: CL-ML, Clayey SILT (glacial till), dk. brown (10YR 3/2), w/ fine-med sands + gravel, non-plastic, very stiff, moist.		SB-0751-08		638.0
-15						



BORING LOG

BORING LOG: **SB-0752**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/4/2007 5:43:00 PM**

DATE COMPLETED: **9/4/2007 5:59:00 PM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

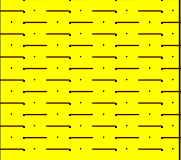
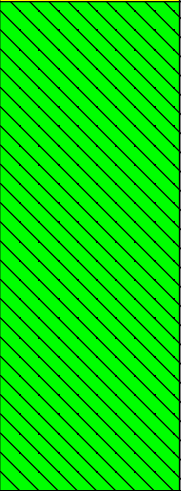
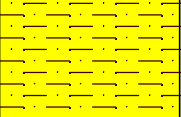
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914172.42

EASTING: 197896.4

ELEVATION: 827.72

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0752-01		1.8
		SILT: (fill material) ML, SILT, TR clay w/ fine sands + gravel, non-plastic, very stiff, dry.		SB-0752-02		1.5
		CLAY: CL, CLAY dk. brown (10YR 3/1), plastic, firm, moist, color change to brown (10YR 5/3) @ 4.5, mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, plastic, sticky, moist.		SB-0752-03		2.4
-5				SB-0752-04		1.8
				SB-0752-05		2.4
-10		CLAY: CL, Sandy CLAY (10YR 5/3), brown, trace gravels, plastic, soft, moist, sticky wet w/ inc, depth, sand stringers at 8.5-8.7, 9.0-9.3, 9.5-9.8, 11.5-11.7, med-coarse sands		SB-0752-06		4.2
				SB-0752-07		7.0
		SILT: CL-ML, Clayey SILT (glacial till), dk. brown (10YR 3/2), w/ fine-med sands + gravel, non-plastic, very stiff, moist.		SB-0752-08		1.8
-15						



BORING LOG

BORING LOG: **SB-0753**

TOTAL DEPTH: **14.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/5/2007 9:19:00 AM**

DATE COMPLETED: **9/5/2007 9:34:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

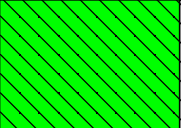
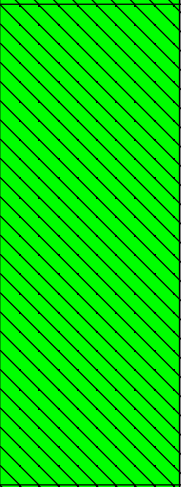
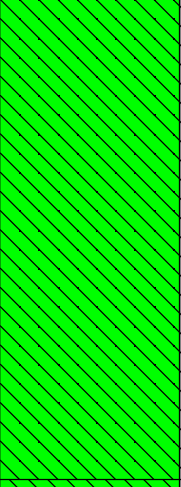
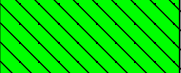
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914059.24

EASTING: 197941

ELEVATION: 827.60

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0753-01		0.0
		SILTY CLAY: ML, SILTY CLAY, fine-med sands + gravel, (fill material), non-plastic, firm, dry.				
		CLAY: CL, CLAY, brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6), + dk gray (10YR 4/1), common, medium, plastic, sticky, moist, soft		SB-0753-02		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr gravel, plastic, soft, moist, sticky		SB-0753-03		2.4
				SB-0753-04		3.0
-10				SB-0753-05		3.6
				SB-0753-06		0.0
				SB-0753-07		0.0
		SILTY CLAY: CL-ML, SILTY CLAY (glacial till), dk gray (10YR 4/1), med sand + gravel, non-plastic, hard, moist				



BORING LOG

BORING LOG: **SB-0754**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/5/2007 10:25:00 AM**

DATE COMPLETED: **9/5/2007 10:45:00 AM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914125.29

EASTING: 197817

ELEVATION: 827.96

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0754-01		0.0
		SILT: ML, SILT and clay, w fine sand and gravel (Fill mat.), non plastic, stiff, dry		SB-0754-02		3.0
		CLAY: CL, CLAY, dk. brn (10YR 3/1), Plastic, Firm, sl. moist, color change @ 3.5 to brn (10YR 3/3), mottled, dk yellowish brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, sticky		SB-0754-03		2.7
-5				SB-0754-04		3.6
		SANDY CLAY: CL, SANDY CLAY, brown, (10YR 5/3), w/ gravel, plastic, soft, moist, sticky, wet from 7.0-7.5		SB-0754-05		7.3
-10				SB-0754-06		29.1
		SANDY CLAY: Same as above (SANDY CLAY) (Only dry and including gravel)		SB-0754-07		9.7
		SILT: CL-ML, clayey-SILT, (Glacial till), dk-brown (10YR 3/2) w/ fine-med sand and gravel, non-plastic, very stiff, moist		SB-0754-08		20.8
-15						



BORING LOG

BORING LOG: **SB-0755**

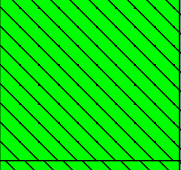
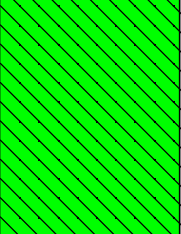
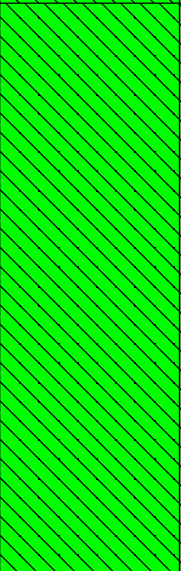
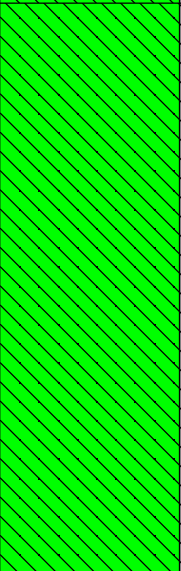
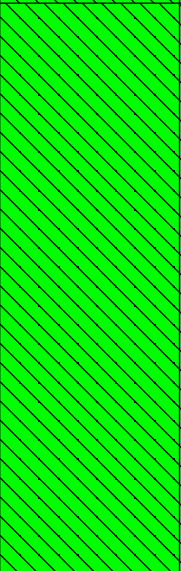
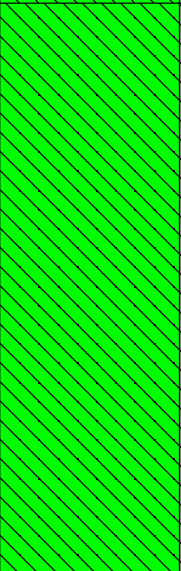
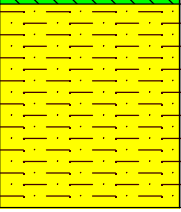
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/5/2007 1:04:00 PM**
DATE COMPLETED: **9/5/2007 1:28:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914260.34
EASTING: 197800.1
ELEVATION: 828.56

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0755-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0755-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0755-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0755-04		1.2
				SB-0755-05		1.8
-10				SB-0755-06		18.3
				SB-0755-07		25.7
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0755-08		65.4
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0756**

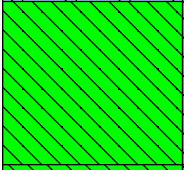
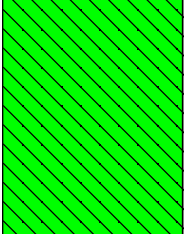
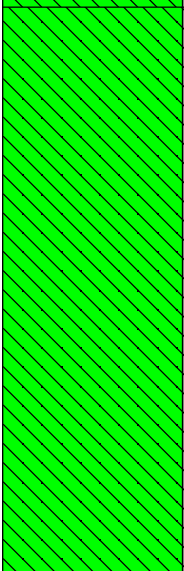
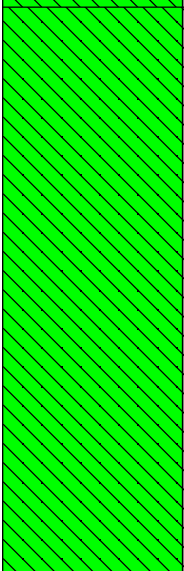
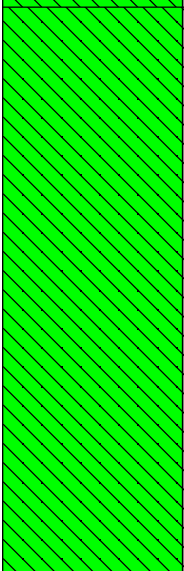
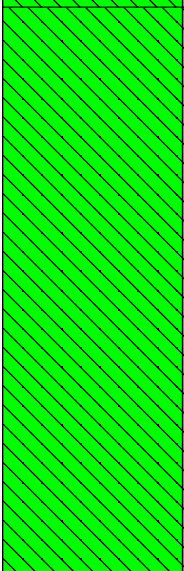
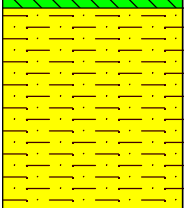
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/5/2007 1:49:00 PM**
DATE COMPLETED: **9/5/2007 2:08:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914285.55
EASTING: 197800.3
ELEVATION: 828.56

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0756-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0756-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0756-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0756-04		0.6
				SB-0756-05		9.7
-10				SB-0756-06		192.4
				SB-0756-07		482.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0756-08		453.0
-15						



BORING LOG

BORING LOG: **SB-0757**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/5/2007 2:15:00 PM**

DATE COMPLETED: **9/5/2007 2:35:00 PM**

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

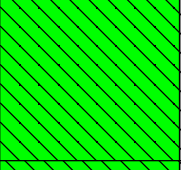
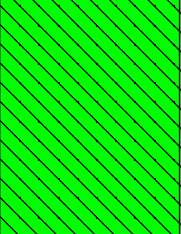
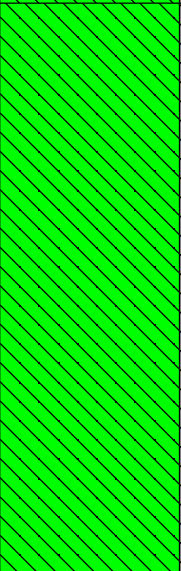
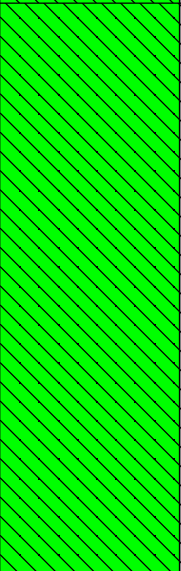
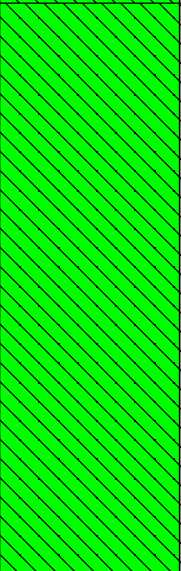
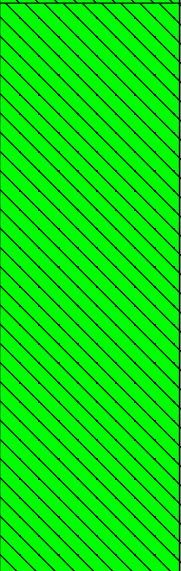
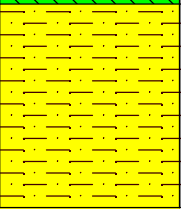
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914261.42

EASTING: 197771.3

ELEVATION: 828.88

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0757-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0757-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0757-03		2.4
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0757-04		2.7
				SB-0757-05		0.9
-10				SB-0757-06		12.5
				SB-0757-07		43.5
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0757-08		912.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0758**

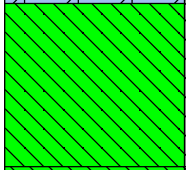
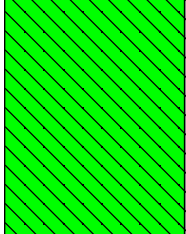
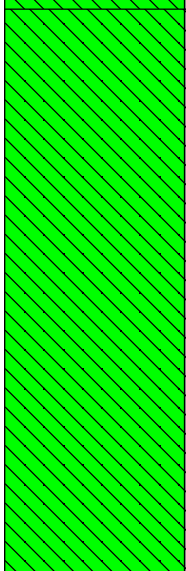
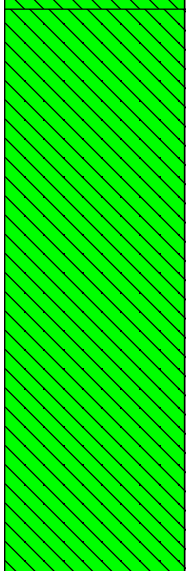
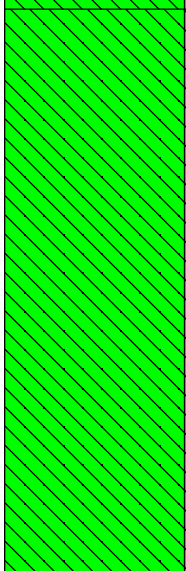
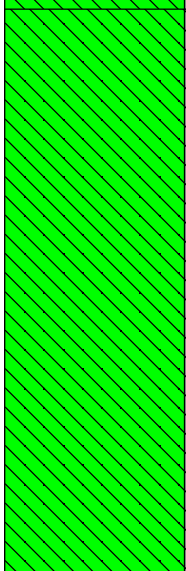
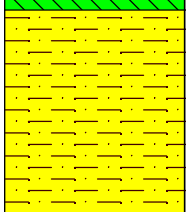
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **9/5/2007 3:25:00 PM**
DATE COMPLETED: **9/5/2007 3:37:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**
DRILLER: **Todd Johnson**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914290.4
EASTING: 197772.9
ELEVATION: 828.81

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0758-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0758-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0758-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0758-04		1.5
				SB-0758-05		16.5
-10				SB-0758-06		427.0
				SB-0758-07		472.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0758-08		724.0
-15						



BORING LOG

BORING LOG: **SB-0759**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **9/5/2007 3:00:00 PM**

DATE COMPLETED: **9/5/2007 3:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Mateco**

DRILLER: **Todd Johnson**

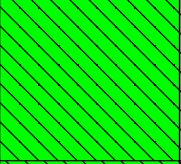
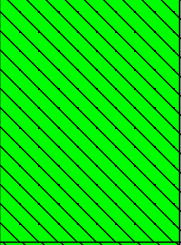
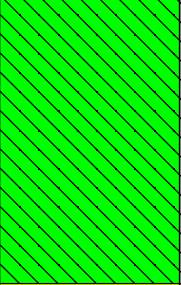
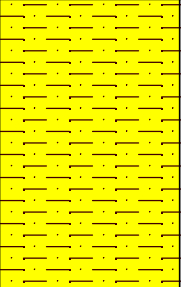
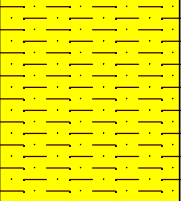
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914312.2

EASTING: 197803.8

ELEVATION: 828.69

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0759-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0759-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0759-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0759-04		0.6
				SB-0759-05		0.9
-10		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0759-06		8.2
				SB-0759-07		21.2
-15				SB-0759-08		128.9



BORING LOG

BORING LOG: **SB-0760**

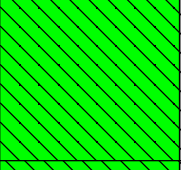
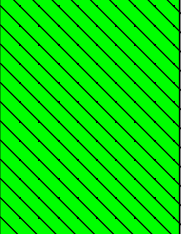
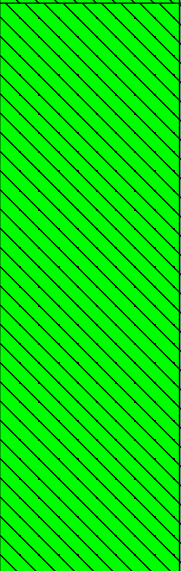
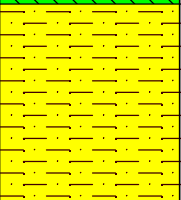
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **9/5/2007 4:42:00 PM**
 DATE COMPLETED: **9/5/2007 5:05:00 PM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson**
 DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
 NORTHING: 1914240.3
 EASTING: 197800
 ELEVATION: 828.74

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0760-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0760-02		2.4
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0760-03		2.1
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0760-04		4.2
				SB-0760-05		15.2
-10				SB-0760-06		391.0
				SB-0760-07		442.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0760-08		770.0
-15						



BORING LOG

BORING LOG: **SB-0761**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

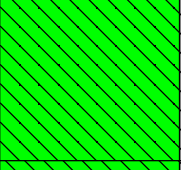
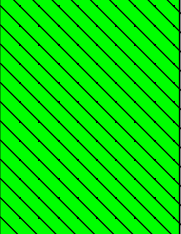
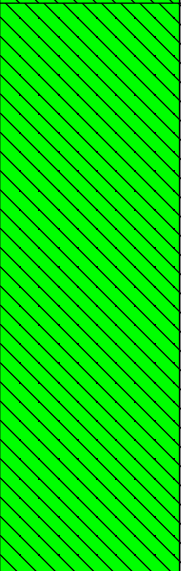
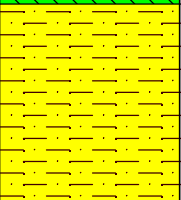
DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **9/5/2007 5:50:00 PM**
 DATE COMPLETED: **9/5/2007 6:08:00 PM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson**
 DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914271.02
 EASTING: 197823.4
 ELEVATION: 828.33

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0761-01		0.0
		SILTY CLAY: ML, SILTY CLAY (fill), fine sand + gravel, non-plastic, firm, dry.		SB-0761-02		0.0
		CLAY: CL, CLAY, dk brown (10YR 3/1), plastic, sticky, soft, color change @ 4.5' to brown (10YR 5/3), mottled, dk yellow-brown (10YR 4/6) + dk gray (10YR 4/1), common, medium, cinders @ 4.0-4.5.		SB-0761-03		0.0
-5		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), mottled, dk gray (10YR 4/1), common, medium, trace gravel, plastic, sticky, moist, soft, grading into till.		SB-0761-04		0.0
				SB-0761-05		17.4
-10				SB-0761-06		18.0
				SB-0761-07		41.6
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), non-plastic, hard, moist, coarse-grained sands from 14.3-14.8.		SB-0761-08		79.8
-15						



BORING LOG

BORING LOG: **SB-0762**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **9/5/2007 6:10:00 PM**
 DATE COMPLETED: **9/5/2007 6:25:00 PM**

DRILLING CO.: **Mateco**
 DRILLER: **Todd Johnson/DB**
 DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914288.7
 EASTING: 197746.9
 ELEVATION: 828.83

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0762-01		0.0
		TOPSOIL: TOPSOIL				
		SILTY CLAY: ML, SILTY CLAY, fine-med sands + gravel (fill material), non-plastic, firm, and dry.				
		SILTY CLAY: ML, SILTY CLAY, fine-med sand + gravel (fill material), non-plastic, firm, dry		SB-0762-02		0.0
		CLAY: CL, CLAY, brown (10YR 5/3) + dk brown (10YR 4/6), mottling @5.5', common, medium, plastic, sticky, moist, soft.				
		CLAY: CL, CLAY, brown (10YR 5/3) + dk brown (10YR 4/6), mottling @5.5, common, medium, plastic, sticky, moist, soft.		SB-0762-03		0.0
-5				SB-0762-04		0.0
		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr. gravel, plastic, sticky, moist, soft, wet @ 8.7-9.5.		SB-0762-05		2.4
-10		SANDY CLAY: CL, SANDY CLAY, brown (10YR 5/3), tr. gravel, plastic, sticky, moist, soft, wet @8.0.		SB-0762-06		6.0
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk. gray (10YR 4/1), med sands + gravel, non-plastic, hard, moist.		SB-0762-07		6.3
		SILT: CL-ML, CLAYEY-SILT (glacial till), dk gray (10YR 4/1), med sands + gravel, non-plastic, hard, moist.		SB-0762-08		4.8
-15						



BORING LOG

BORING LOG: **SB-0763**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **11/19/2007 9:33:00 AM**
 DATE COMPLETED: **11/19/2007 9:45:00 AM**

DRILLING CO.: **Boart Longyear**
 DRILLER: **Russ/Doug**
 DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914316.78
 EASTING: 197748.6
 ELEVATION: 828.96

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0763-01		0.0
		SILTY CLAY: ML, various browns, SILTY CLAY w/ some sands + gravel, sl. cohesive, dry, non-sticky; inc. clay content @ 4.5', moist @ 4.5', mottled, dk. brown - yellow brown		SB-0763-02		0.0
				SB-0763-03		0.0
-5		GRAVEL: GM, Brown, SANDY GRAVELs, sticky, saturated		SB-0763-04	neg	0.0
		SAND: SC, brown, CLAYEY SAND, plastic, moist, sl. sticky, tr. gravels		S-0763-05		0.0
-10				SB-0763-06		0.0
		SILTY CLAY: ML, SILTY CLAY, brown-gray, tr. gravels, firm, sl. moist, non plastic, (till)		SB-0763-07		0.6
				SB-0763-08		2.3
-15						



BORING LOG

BORING LOG: **SB-0764**

TOTAL DEPTH: **3.00**

PROJECT INFORMATION

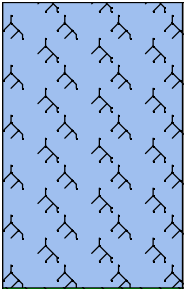
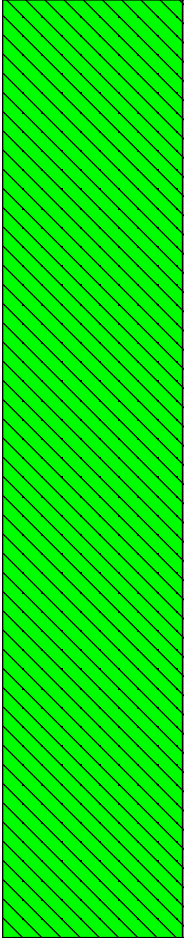
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 10:00:00 AM**
DATE COMPLETED: **11/19/2007 10:06:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **Geoprobe 6620 DT**

COORDINATES

NORTHING: 1914312.66
EASTING: 197782.7
ELEVATION: 828.63

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0764-01		0.0
		SILTY CLAY: ML, various browns, SILTY CLAY, w/ some sands + gravel, sl. cohesive, dry, non sticky, mottled, dk. yellow-brown; cinders. Obstruction at 3 ft.		SB-0764-02		0.0



BORING LOG

BORING LOG: **SB-0765**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 10:13:00 AM**
DATE COMPLETED: **11/19/2007 10:20:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **Geoprobe 6620 DT**
COORDINATES
NORTHING: 1914331.69
EASTING: 197805.5
ELEVATION: 828.77

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0765-01		1.1
		GRAVEL: CONCRETE + GRAVEL		SB-0765-02		0.0
		CEMENT: CONCRETE + BRICK		SB-0765-03		0.0
-5		SANDY CLAY: ML, Browns, SILTY SANDY CLAY, tr. gravel, soft-firm, sl. moist, sl. sticky, sl. plastic, mottled, (dk yellow brown), saturated @ 9.0'		SB-0765-04		0.0
				SB-0765-05		0.0
-10		SILTY CLAY: ML, SILTY CLAY, brown, tr. gravels, hard, non plastic; color change to gray @ 12.0; dry, (till)		SB-0765-06		0.0
				SB-0765-07		0.3
				SB-0765-08		0.5
-15						



BORING LOG

BORING LOG: **SB-0766**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

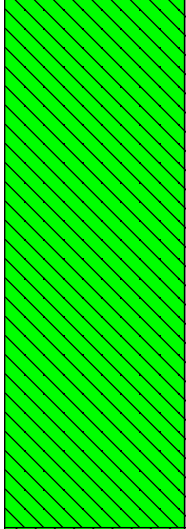
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 10:27:00 AM**
DATE COMPLETED: **11/19/2007 10:40:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914310.4
EASTING: 197823.3
ELEVATION: 828.51

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0766-01		0.0
		SANDY CLAY: SM, browns, SANDY CLAY, tr. gravels, dry, non-plastic, mottled (dk yellow-brown), firm.				
		GRAVEL: dk. brown fill material; GRAVELS + CINDERS		SB-0766-02		0.0
		SANDY CLAY: SM, dk. brown, SANDY CLAY, tr gravels, moist, plastic, firm, mottled, (dk. yellow-brown); color change to brown @ 5.0'; saturated @ 8.0'.		SB-0766-03		0.0
-5				SB-0766-04		0.0
				SB-0766-05		1.1
-10		SILTY CLAY: ML, gray, SILTY CLAY (till), tr. gravels, firm, sl. moist, non plastic; sand stringer @ 13.5-13.8 (till)		SB-0766-06		174.2
				SB-0766-07		180.3
-15				SB-0766-08		123.8



BORING LOG

BORING LOG: **SB-0767**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

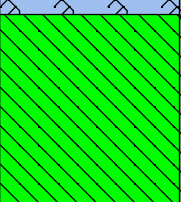
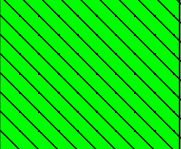
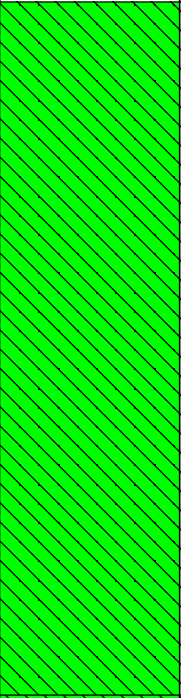
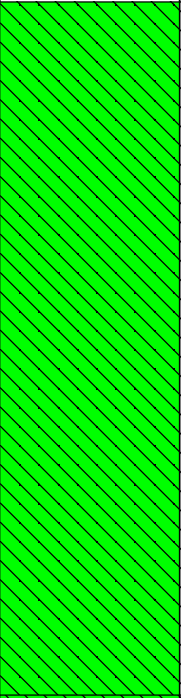
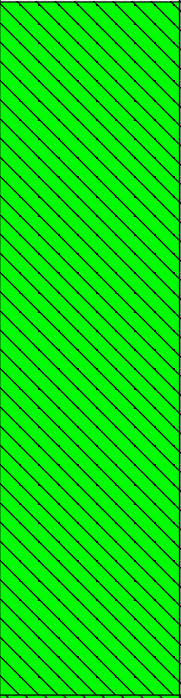
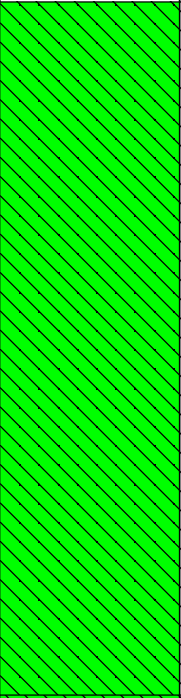
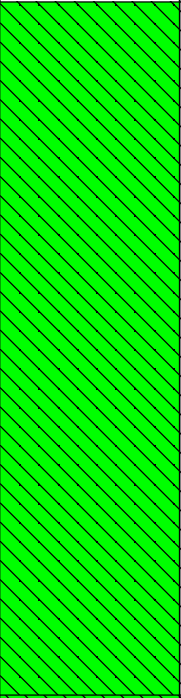
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 11:12:00 AM**
DATE COMPLETED: **11/19/2007 11:19:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914288.48
EASTING: 197726.4
ELEVATION: 829.33

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0767-01		0.0
		SANDY CLAY: SM, Browns, SANDY CLAY, tr. gravels, dry, non-plastic; mottled (gray), firm		SB-0767-02		0.0
		CINDERS: Dk. brown CINDERS + GRAVEL		SB-0767-03		0.0
-5		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, sl. moist; sl. plastic, soft-firm, mottled (dk brown-dk. orange); color change to lt. brown @ 6.0; saturated @ 9.0'-9.3'		SB-0767-04		0.0
-10		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, sl. moist; sl. plastic, soft-firm, mottled (dk brown-dk. orange); color change to lt. brown @ 6.0; saturated @ 9.0'-9.3'		SB-0767-05		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, sl. moist; sl. plastic, soft-firm, mottled (dk brown-dk. orange); color change to lt. brown @ 6.0; saturated @ 9.0'-9.3'		SB-0767-06		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, sl. moist; sl. plastic, soft-firm, mottled (dk brown-dk. orange); color change to lt. brown @ 6.0; saturated @ 9.0'-9.3'		SB-0767-07		0.0
-15		SILTY CLAY: ML, gray, SILTY CLAY, (till), tr. gravels, firm, sl. moist, non-plastic		SB-0767-08		0.0



BORING LOG

BORING LOG: **SB-0768**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

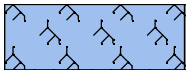
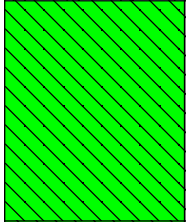
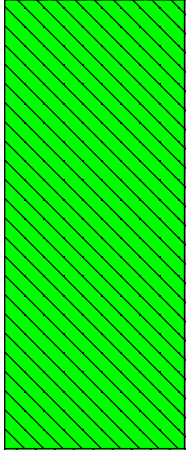
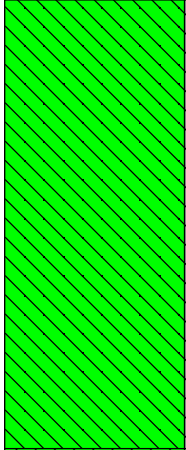
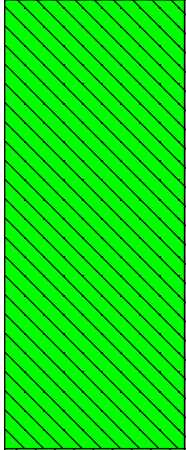
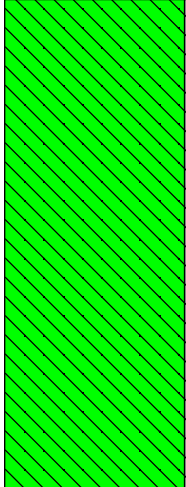
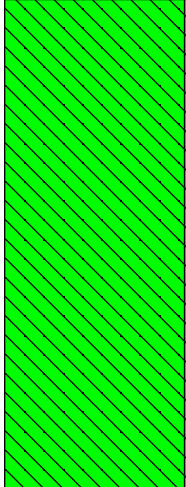
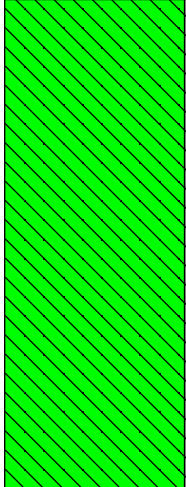
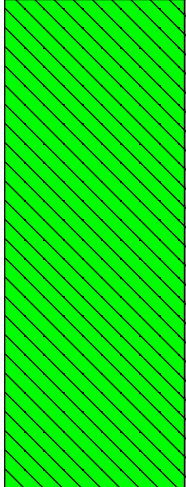
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 10:44:00 AM**
DATE COMPLETED: **11/19/2007 10:54:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914301.42
EASTING: 197802.3
ELEVATION: 828.60

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0768-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, dry, non plastic, mottled (dk. yellow-brown)		SB-0768-02		0.0
		SANDY CLAY: SC, Browns, SANDY CLAY, tr. gravels, sl moist, sl. plastic; sand stringer @ 6.3-6.8, saturated @ 6.5, dry @ 7.5.		SB-0768-03		0.0
-5				SB-0768-04		0.0
				SB-0768-05		3.1
-10		SILTY CLAY: ML, Gray, SILTY CLAY, (till), tr. gravels, firm, non-plastic		SB-0768-06		0.6
				SB-0768-07		2.6
				SB-0768-08		0.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0769**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

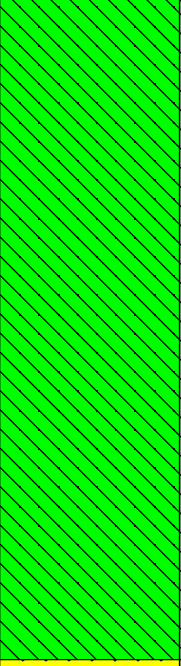
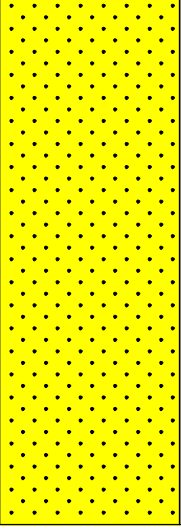
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 11:24:00 AM**
DATE COMPLETED: **11/19/2007 11:31:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914257.9
EASTING: 197730
ELEVATION: 829.18

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0769-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, sl. moist, firm sl. plastic, mottled (dk yellow-dk. brown)		SB-0769-02		0.0
				SB-0769-03		0.0
-5				SB-0769-04		0.0
				SB-0769-05		0.0
-10		SAND: S, lt. brown, SAND, fines, loose, some clay, tr. gravel, sl. moist, saturated @ 14.0		SB-0769-06	neg	0.0
				SB-0769-07		0.0
-15				SB-0769-08		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0770**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

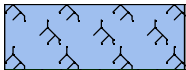
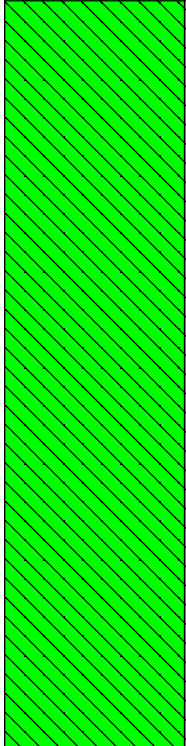
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 1:16:00 PM**
DATE COMPLETED: **11/19/2007 1:24:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoporbe 6620 dt**

COORDINATES

NORTHING: 1914271.88
EASTING: 197841.5
ELEVATION: 828.47

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0770-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, dry, firm, non-plastic, mottled (dk yellow-dk. brown) cinders @ 4.0'; saturated @ 6.5; sand stringer @ 7.5-7.7', inc. sand content @ 7.0'; orange staining @ 9.0'		SB-0770-02		0.0
				SB-0770-03		0.0
				SB-0770-04		0.0
				SB-0770-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, firm-hard, sl. moist; dry @ 11.5', non-plastic.		SB-0770-06		0.0
				SB-0770-07		0.0
				SB-0770-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0771**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

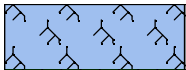
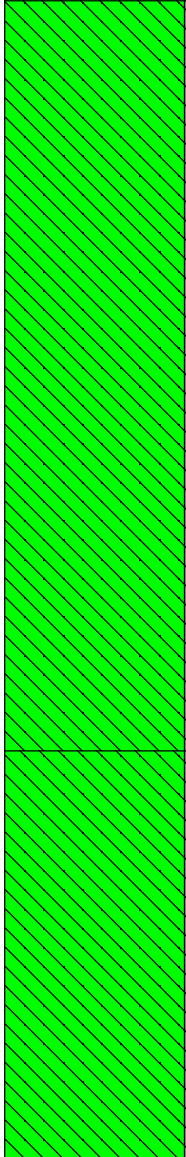
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 1:37:00 PM**
DATE COMPLETED: **11/19/2007 1:34:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914258.5
EASTING: 197856.1
ELEVATION: 828.44

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0771-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, dry, firm, non-plastic, mottled (dk yellow-dk. brown); cinders @ 4.0'; saturated @ 6.5'; inc. sand content @ 7.0'; orange staining @ 9.0'		SB-0771-02		0.0
				SB-0771-03		0.0
-5				SB-0771-04		0.0
				SB-0771-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, hard, dry, non-plastic		SB-0771-06		8.5
				SB-0771-07		4.3
				SB-0771-08		0.8
-15						



BORING LOG

BORING LOG: **SB-0772**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

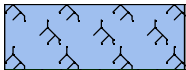
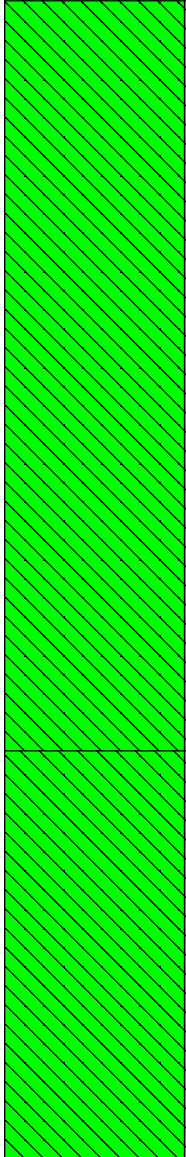
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 1:50:00 PM**
DATE COMPLETED: **11/19/2007 1:56:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914233.37
EASTING: 197881
ELEVATION: 828.23

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0772-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, dry, firm, non-plastic, mottled (dk yellow-dk. brown); cinders @ 4.0', saturated @ 6.5'; inc. sand content @ 7.0'; orange staining @ 9.0'		SB-0772		0.0
				SB-0772-03		0.0
-5				SB-0772-04		0.0
				SB-0772-05		0.0
-10				SB-0772-06		0.0
		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, hard, dry, non-plastic.		SB-0772-07		10.3
				SB-0772-08		22.8
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0773**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

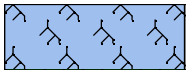
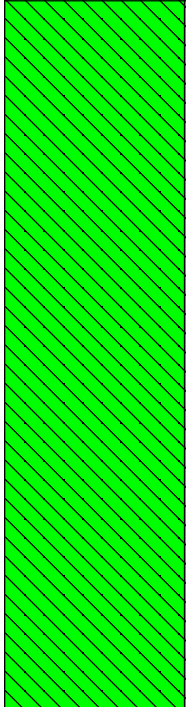
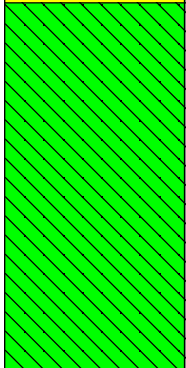
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 11:34:00 AM**
DATE COMPLETED: **11/19/2007 11:42:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914210.5
EASTING: 197723.9
ELEVATION: 829.26

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0773-01		0.0
		SANDY CLAY: SM, browns SILTY SANDY CLAY, tr. gravels, firm, non-plastic, mottled (dk yellow - dk. brown); moist @ 6.0', plastic, soft		SB-0773-02		0.0
				SB-0773-03		0.0
-5				SB-0773-04		3.8
				SB-0773-05		0.0
-10		SAND: S, Brown, SAND, fines, tr. gravels, sl. moist, sl. cohesive, saturated @ 10.0'		SB-0773-06		0.0
		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, hard, dry, non-plastic		SB-0773-07		0.0
				SB-0773-08		0.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0774**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

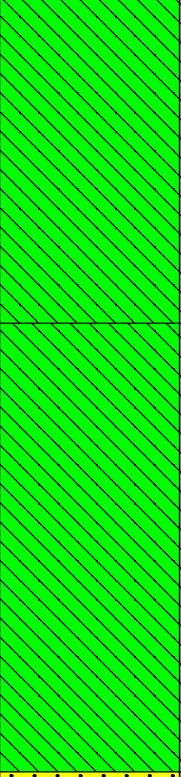
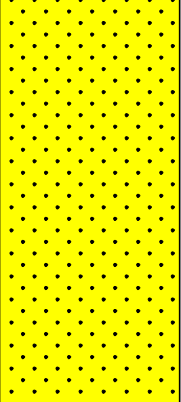
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 12:33:00 PM**
DATE COMPLETED: **11/19/2007 12:45:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914214.06
EASTING: 197773.7
ELEVATION: 829.10

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0774-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, soft-firm, non-plastic, mottled (dk. yellow - dk. brown), sl. moist		SB-0774-02		0.0
				SB-0774-03		0.0
-5		SANDY CLAY: SC, dk. brown, SANDY CLAY w/ gravels, plastic, moist, sl. sticky		SB-0774-04		0.0
				SB-0774-05		0.0
-10		SAND: SC, brown, CLAYEY SAND, moist, sl. plastic, sl. sticky		SB-0774-06		0.0
				SB-0774-07		0.0
				SB-0774-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0775**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

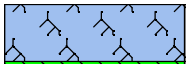
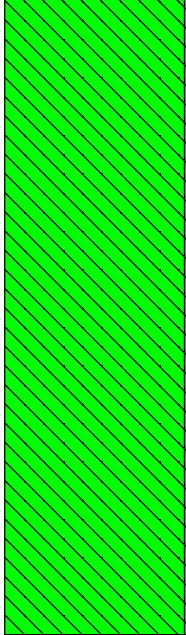
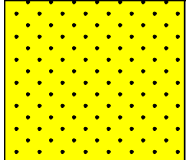
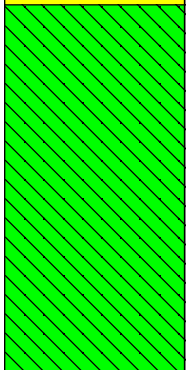
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 12:49:00 PM**
DATE COMPLETED: **11/19/2007 12:55:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914208.53
EASTING: 197805.5
ELEVATION: 828.79

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0775-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, firm, non-plastic, mottled (dk yellow-dk brown); inc. plasticity @ 5.0'		SB-0775-02		0.0
				SB-0775-03		0.0
-5				SB-0775-04		12.5
				SB-0775-05		12.5
-10		SAND: SC, Brown, CLAYEY SANDS, moist, tr. gravels; saturated @ 9.0'		SB-0775-06		418
		SILTY CLAY: ML, gray SILTY CLAY, (till), gravels, hard, dry, non-plastic.		SB-0775-07	neg	>1000
-15				SB-0775-08	neg	>1000



ARCADIS

BORING LOG

BORING LOG: **SB-0776**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

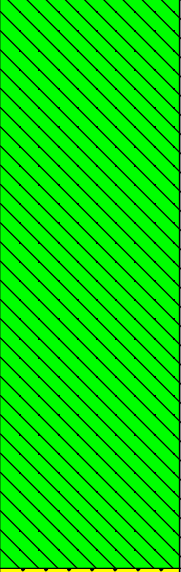
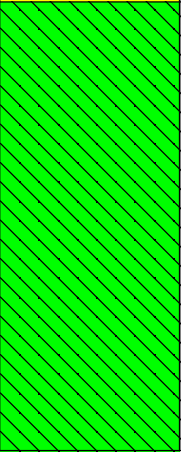
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 1:05:00 PM**
DATE COMPLETED: **11/19/2007 1:13:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914201.55
EASTING: 197847
ELEVATION: 828.38

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0776-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr gravels, soft-firm, sl. plastic, mottled (dk yellow-dk. brown); cinders @ 4.0'		SB-0776-02		0.0
				SB-0776-03		0.0
				SB-0776-04		0.0
		SAND: S, brown, SAND, tr. gravels, saturated, sl. cohesive, fines		SB-0776-05		0.0
				SB-0776-06	neg	0.0
		SILTY CLAY: ML, brown, SILTY CLAY, (till), tr. gravels, hard, dry, non-plastic; color change to gray @ 11.5' sand stringer at 11.0-11.2 and 12.0-12.2, gray, medium grained.		SB-0776-07		0.0
				SB-0776-08		0.0
-15						



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BORING LOG

BORING LOG: **SB-0777**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

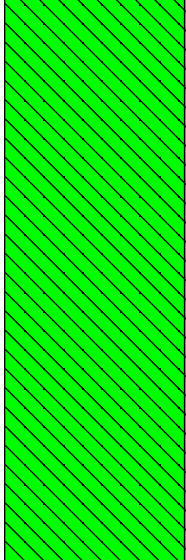
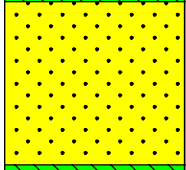
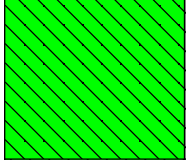
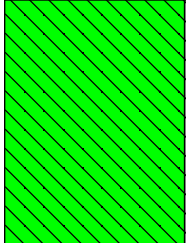
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 2:02:00 PM**
DATE COMPLETED: **11/19/2007 2:10:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914197.77
EASTING: 197885.8
ELEVATION: 828.14

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0777-01		0.0
		SANDSTONE: SANDSTONE; sand + qtz.				
		SANDY CLAY: SM, brown-gray, SILTY SANDY CLAY, tr. gravels, soft-firm, sl. plastic, mottled (dk. yellow-dk. brown);inc plasticity @ 4.0'		SB-0777-02		0.0
				SB-0777-03		0.0
				SB-0777-04		0.0
				SB-0777-05		0.0
		SAND: S. Brown, SAND, tr. gravels, sl. cohesive, fine grained; saturated @ 8.0'				
		SANDY CLAY: SC, Brown, SANDY CLAY, tr. gravels, sl. moist, sl. plastic, sl. sticky		SB-0777-06		0.0
		SILTY CLAY: ML, Lt. gray, SILTY CLAY, (till), tr. gravels, firm, non-plastic		SB-0777-07		0.0
				SB-0777-08		0.3



BORING LOG

BORING LOG: **SB-0778**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

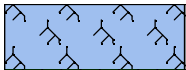
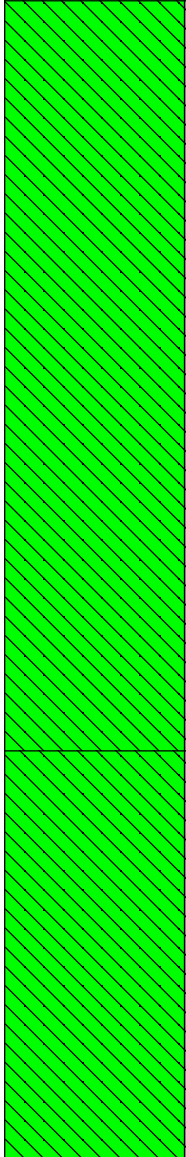
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 2:13:00 PM**
DATE COMPLETED: **11/19/2007 2:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914173.45
EASTING: 197941
ELEVATION: 827.71

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0778-01		0.0
		SANDY CLAY: SM, brown, SILTY SANDY CLAY, tr. gravels, firm, dry, non-plastic, mottled (dk. yellow - dk. brown), cinders @ 4.0'; saturated @ 7.0', orange staining @ 9.0'; sand stringers @ 7.5-8.0		SB-0778-02		0.0
				SB-0778-03		0.0
				SB-0778-04		0.0
				SB-0778-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, firm-hard, sl. moist, sl. plastic; gray sands @ 14.8-15.0		SB-0778-06		0.0
				SB-0778-07		1.0
				SB-0778-08		0.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0779**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

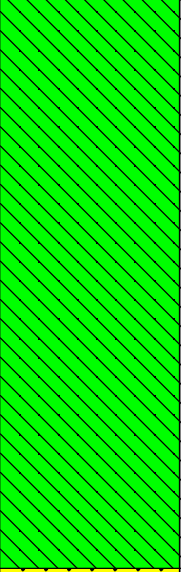
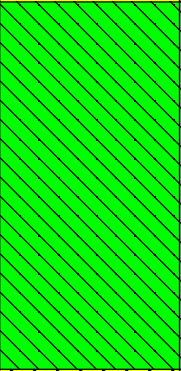
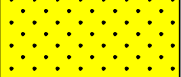
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 7:39:00 AM**
DATE COMPLETED: **11/20/2007 7:47:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914113.37
EASTING: 197794.9
ELEVATION: 827.96

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0779-01		0.1
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, soft-firm, sl. plastic, mottled (dk yellow-dk. brown); cinders @ 4.0'		SB-0779-02		0.9
				SB-0779-03		0.0
				SB-0779-04		0.7
		SAND: S, brown, SAND, tr. gravels, saturated @ 8.0', sl. cohesive, fines		SB-0779-05		4.9
-10		SILTY CLAY: ML, Brown, SILTY CLAY, (till), tr gravels, hard, dry, non-plastic; color change to gray @ 11.5'; sand stringers @ 11.0-11.2, 12.0-12.2' (gray+red)		SB-0779-06	neg	9.5
				SB-0779-07		0.7
		SAND: S, brown, SAND, tr. gravels, sl. cohesive, fines		SB-0779-08		0.0
-15						



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BORING LOG

BORING LOG: **SB-0780**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

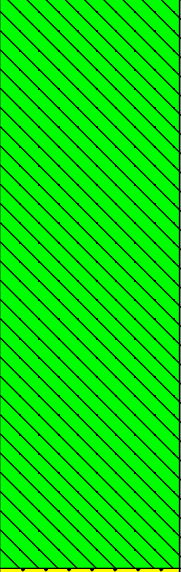
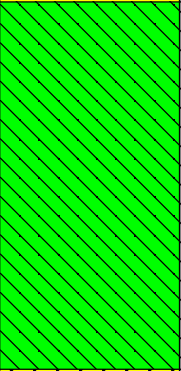
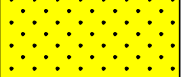
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 7:50:00 AM**
DATE COMPLETED: **11/20/2007 7:56:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914083.51
EASTING: 197815.9
ELEVATION: 828.02

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0780-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, soft-firm, sl. plastic, mottled (dk yellow-dk. brown); saturated @ 7.0'; sand stringers @ 6.5-6.8 + 7.0-7.5.		SB-0780-02		0.1
				SB-0780-03		0.4
-5				SB-0780-04	neg	0.4
		SAND: S, brown, SAND, tr. gravels, sl. cohesive, fines		SB-0780-05		1.2
-10		SILTY CLAY: ML, brown, SILTY CLAY, (till), tr gravels, hard, dry, sl. plastic, color change to gray @ 11.5; sand stringers @ 11.0-11.2 + 12.0-12.2.		SB-0780-06		2.9
				SB-0780-07		5.8
-15		SAND: S, brown, SAND, tr. gravels, sl. cohesive, fines		SB-0780-08		6.1



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BORING LOG

BORING LOG: **SB-0781**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

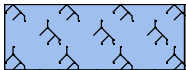
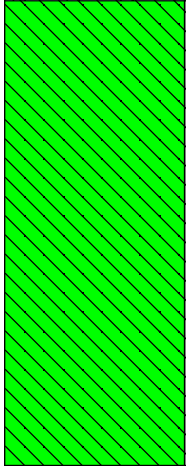
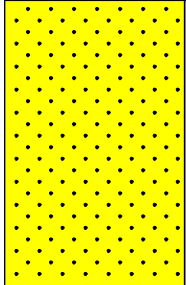
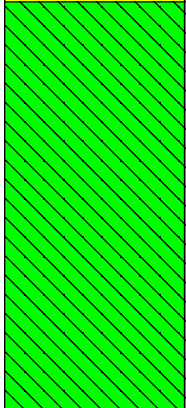
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 8:00:00 AM**
DATE COMPLETED: **11/20/2007 8:06:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914065.59
EASTING: 197828.8
ELEVATION: 828.13

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0781-01		0.1
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, soft-firm, sl plastic, mottled (dk yellow-dk.brown)		SB-0781-02		0.0
				SB-0781-03		0.1
-5				SB-0781-04		0.1
		SAND: S, SAND, brown, tr. gravels, sl. cohesive, fines, saturated @ 8.5'		SB-0781-05		1.2
-10				SB-0781-06		7.2
		SILTY CLAY: ML, gray, SILTY CLAY, gravels, (till), hard, dry, non-plastic.		SB-0781-07		4.9
				SB-0781-08		0.7
-15						



BORING LOG

BORING LOG: **SB-0782**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

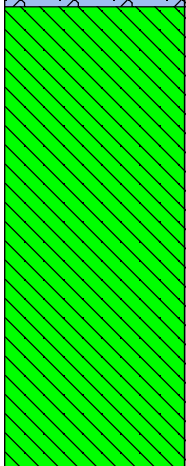
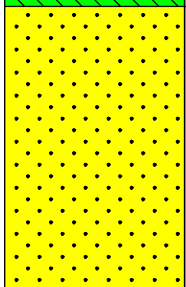
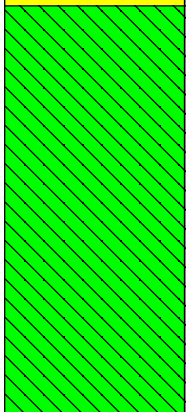
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 8:17:00 AM**
DATE COMPLETED: **11/20/2007 8:22:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914065.87
EASTING: 197853.4
ELEVATION: 827.99

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0782-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, soft-firm, sl plastic, mottled (dk yellow - dk. brown); cinders @ 2.5'		SB-0782-02		0.0
				SB-0782-03		0.0
-5				SB-0782-04		0.1
		SAND: S, SAND, brown, tr. gravels, sl. cohesive, moist, fines.		SB-0782-05		1.2
-10				SB-0782-06		0.0
		SILTY CLAY: ML, gray, SILTY CLAY, gravels, (till), hard, sl. moist, sl. plastic		SB-0782-07		0.0
				SB-0782-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0783**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 3:43:00 PM**
DATE COMPLETED: **11/19/2007 3:51:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914065.67
EASTING: 197885.9
ELEVATION: 827.91

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0783-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, hard, dry, non-plastic, mottled (dk yellow-dk. brown); inc. sand @ 3.5'; orange staining @ 7.5'.		SB-0783-02		0.0
				SB-0783-03		0.0
-5				SB-0783		0.0
				SB-0783-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, gravels, (till), hard, sl. moist, non-plastic; sand stringer @ 10.8-11.2		SB-0783-06		0.0
				SB-0783-07		0.0
-15				SB-0783-08		0.0



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BORING LOG

BORING LOG: **SB-0784**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 3:22:00 PM**
DATE COMPLETED: **11/19/2007 3:30:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914038.9
EASTING: 197941.1
ELEVATION: 827.85

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0784-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, hard, dry, non-plastic, mottled (dk yellow - dk. brown); inc. sand @ 3.5'; orange staining @ 7.5'; saturated @ 9.0.		SB-0784-02		0.0
				SB-0784-03		0.0
-5				SB-0784-04		0.0
				SB-0784-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, gravels, (till), hard, sl. moist, non plastic; sand stringer @ 10.8-11.2.		SB-0784-06		1.6
				SB-0784-07		5.0
				SB-0784-08		1.3
-15						



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BORING LOG

BORING LOG: **SB-0785**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 3:11:00 PM**
DATE COMPLETED: **11/19/2007 3:17:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914057.93
EASTING: 197965.3
ELEVATION: 827.90

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0785-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, hard, dry, non-plastic, mottled (dk yellow - dk. brown); inc. sand content @ 3.5'; orange staining @ 7.5'		SB-0785-02		0.0
				SB-0785-03		0.0
-5				SB-0785-04		0.0
				SB-0785-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, (till), hard, sl. moist, non-plastic, sand stringer @ 10.8-11.2; saturated @ 14.0'; gray sand @ 14.0-14.5		SB-0785-06		0.0
				SB-0785-07		0.0
-15				SB-0785-08		0.0



BORING LOG

BORING LOG: **SB-0786**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/19/2007 2:57:00 PM**
DATE COMPLETED: **11/19/2007 3:05:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914073.26
EASTING: 197988.7
ELEVATION: 827.56

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0786-01		0.0
		SANDY CLAY: SM, Browns, SILTY SANDY CLAY, tr. gravels, hard, dry; inc sand @ 3.8', mottled (dk yellow - dk. brown); non-plastic; orange staining @ 7.5'		SB-0786-02		0.0
				SB-0786-03		0.0
-5				SB-0786-04		0.0
				SB-0786-05		0.0
-10		SILTY CLAY: ML, gray, SILTY CLAY, gravels, (till), hard, sl. moist, sl. plastic, sand stringer @ 10.8-11.2		SB-0786-06		0.0
				SB-0786-07		0.0
				SB-0786-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0787**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

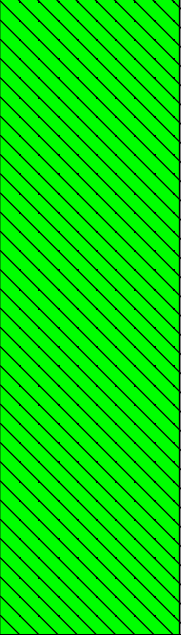
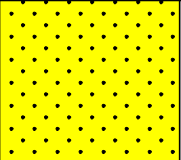
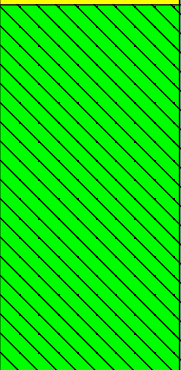
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 8:43:00 AM**
DATE COMPLETED: **11/20/2007 8:51:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914223.3
EASTING: 197797.8
ELEVATION: 828.94

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0787-01		0.0
		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, firm, non-plastic, mottled (dk yellow-dk brown); inc. plasticity @ 5.0'.		SB-0787-02		0.0
				SB-0787-03		0.1
-5				SB-0787-04		2.1
				SB-0787-05		7.8
-10		SAND: SC, brown, CLAYEY SANDS, moist, tr. gravels; saturated @ 9.0'.		SB-0787-06		4.6
		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, hard, dry, non-plastic		SB-0787-07		0.0
-15				SB-0787-08		0.0



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BORING LOG

BORING LOG: **SB-0788**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **11/20/2007 8:55:00 AM**
DATE COMPLETED: **11/20/2007 9:02:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Russ/Doug**
DRILLING METHOD: **geoprobe 6620 dt**

COORDINATES

NORTHING: 1914324.69
EASTING: 197845.9
ELEVATION: 828.60

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0788-01		0.0
		ASPHALT: ASPHALT				
		FILL: FILL MATERIAL, gravels, brick, cinders, sands		SB-0788-02		0.0
-5		SANDY CLAY: SM, browns, SILTY SANDY CLAY, tr. gravels, firm, non-plastic, mottled (dk yellow - dk. brown); saturated @ 8.0', hard @ 10.0'.		SB-0788-03		0.0
				SB-0788-04		0.0
				SB-0788-05		0.0
-10				SB-0788-06		2.1
				SB-0788-07		0.9
-15		SILTY CLAY: ML, gray, SILTY CLAY, (till), gravels, hard, dry, non plastic; sand stringers @ 14.0-14.2.		SB-0788-08		0.4



BORING LOG

BORING LOG: **SB-0801**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 11:40:00 AM**
DATE COMPLETED: **1/15/2008 11:50:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914308.86
EASTING: 197849
ELEVATION: 828.70

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL & glass		SB-0801-01		0.0
		SILTY CLAY: various browns, SILTY sandy CLAY, w/ gravels, firm dry, slightly plastic		SB-0801-02		0.0
		SILTY CLAY: various browns, SILTY CLAY, dark brown and gray mottling, some cinders, some gravel, soft, plastic, moist		SB-0801-03		0.0
-5				SB-0801-04		0.2
		CLAYEY SAND: brown, CLAYEY SAND, wet, soft, sticky, trace gravels		SB-0801-05		0.0
-10				SB-0801-06		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, hard, non-plastic, slightly moist		SB-0801-07		0.0
		SAND: gray, medium SAND, trace gravels		SB-0801-08		8.6
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0802**

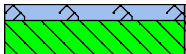
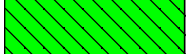
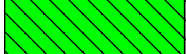
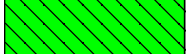
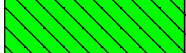
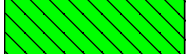
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 12:03:00 PM**
DATE COMPLETED: **1/15/2008 12:15:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914296.93
EASTING: 197832.9
ELEVATION: 828.52

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0802-01		0.0
		SILTY CLAY: various browns, SILTY sandy CLAY, some gravel, firm, slightly moist, slightly plastic, dark brown gray mottling; SS @ 6.5-7, 7.5-8.0, wet		SB-0802-02		0.0
				SB-0802-03		0.0
-5				SB-0802-04		0.2
				SB-0802-05		0.8
-10		CLAYEY SAND: gray, brown, CLAYEY SAND, soft-firm, slightly moist, slightly plastic, wet @ 10-10.5		SB-0802-06		5.0
		SILTY CLAY: gray, SILTY CLAY, w/gravels, slightly moist, firm, slightly plastic		SB-0802-07		6.5
-15				SB-0802-08		1.4



BORING LOG

BORING LOG: **SB-0803**

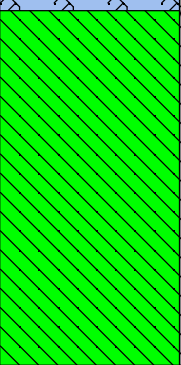
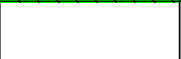
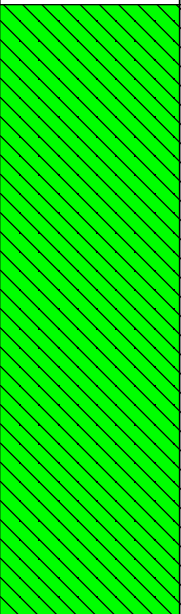
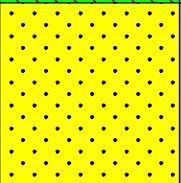
TOTAL DEPTH: **10.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 11:18:00 AM**
DATE COMPLETED: **1/15/2008 11:23:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914271.86
EASTING: 197866.8
ELEVATION: 828.44

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL SILTY CLAY: brown, gray, SILTY sandy CLAY, soft-firm, gravels, SS @ 2.0-2.4, slightly moist, slightly plastic		SB-0803-01		0.0
				SB-0803-02		0.0
		CINDERS: black CINDERS				
		SILTY CLAY: various browns, SILTY CLAY, soft, sticky, moist, plastic, dark brown & gray mottling		SB-0803-03		0.0
-5				SB-0803-04		0.0
				SB-0803-05		0.4
		SAND: Brown, clayey SANDs, wet, gravels, soft, moist, sticky.				
-10						



BORING LOG

BORING LOG: **SB-0804**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **1/15/2008 10:55:00 AM**

DATE COMPLETED: **1/15/2008 11:04:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jeff/Jason**

DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914253.78

EASTING: 197883.6

ELEVATION: 828.39

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0804-01		0.0
		SANDY CLAY: brown, SANDY CLAY w/gravels, firm, non-plastic, dry		SB-0804-02		0.0
		CINDERS: black CINDERS, wet		SB-0804-03		0.0
-5		SILTY CLAY: dark brown, SILTY CLAY, moist, soft, plastic, dark gray mottling; color change @ 5.0 to various browns; orange mottling		SB-0804-04		0.2
				SB-0804-05		0.0
-10		SILTY CLAY: gray, SILTY CLAY, w/ gravels, firm, slightly plastic, slightly moist, dry @ 13.5-15		SB-0804-06		2.1
				SB-0804-07		1.8
				SB-0804-08		1.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0805**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 10:27:00 AM**
DATE COMPLETED: **1/15/2008 10:39:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914229.25
EASTING: 197906.3
ELEVATION: 828.05

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0805-01		0.6
		SANDY CLAY: brown, SANDY CLAY, gravels, soft, slightly plastic, slightly moist, gray mottling				
		CINDERS: black CINDERS		SB-0805-02		0.0
		SILTY CLAY: various browns, SILTY CLAYS, dark brown & gray mottling, fine grained, soft, moist, plastic, wet @ 6-6.5; dry @ 7; trace gravel @ 8.0		SB-0805-03		0.0
-5				SB-0805-04		0.2
				SB-0805-05		0.0
-10		CLAYEY SAND: brown, CLAYEY SAND, w/gravels, wet, soft, plastic, black staining @ 11.5-12.5		SB-0805-06		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, moist, slightly plastic, firm		SB-0805-07		0.0
				SB-0805-08		0.0
-15		SAND: brown, fine SAND				



ARCADIS

BORING LOG

BORING LOG: **SB-0806**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 9:52:00 AM**
DATE COMPLETED: **1/15/2008 10:13:00 AM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914201.09
EASTING: 197912.6
ELEVATION: 827.85

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0806-01		0.4
		SANDY CLAY: light brown, SANDY CLAY, trace gravels, slightly plastic, dry, friable, hard		SB-0806-02		0.4
-5		SILTY CLAY: various browns, SILTY CLAY, fine grained, plastic, slightly moist, soft, dark brown-gray mottling		SB-0806-03		0.2
				SB-0806-04		0.2
		CLAYEY SAND: brown, CLAYEY SAND, w/gravels, moist, soft, plastic, orange staining @ 9.0, wet @ 10-12		SB-0806-05		0.2
-10				SB-0806-06		0.6
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, firm, slightly plastic, slightly moist, SS@13.5-13.7, 14.2-14.5		SB-0806-07		0.2
-15				SB-0806-08		0.2



BORING LOG

BORING LOG: **SB-0807**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

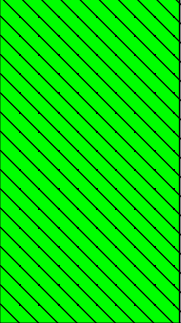
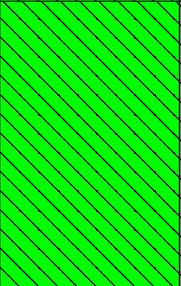
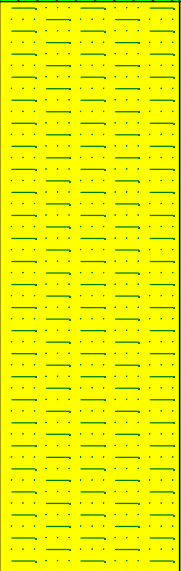
PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 2:11:00 PM**
DATE COMPLETED: **1/15/2008 2:20:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914039.87
EASTING: 197827.8
ELEVATION: 827.70

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0807-01		0.0
		SILTY CLAY: brown, SILTY sandy CLAY, w/ gravels, firm, slightly moist, slightly plastic, cinders		SB-0807-02		0.0
				SB-0807-03		0.0
-5		SILTY CLAY: various browns, SILTY CLAY, soft, moist, plastic, dark brown & yellow mottling; SS @ 7.0-7.5		SB-0807-04		0.0
				SB-0807-05		0.8
-10		CLAYEY SAND: brown, CLAYEY SAND, w/ gravel, wet, soft, non-plastic. Gray sands @ 14.5-15		SB-0807-06		1.6
				SB-0807-07		6.1
-15				SB-0807-08		0.0



ARCADIS

BORING LOG

BORING LOG: **SB-0808**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 1:56:00 PM**
DATE COMPLETED: **1/15/2008 2:05:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914059.55
EASTING: 197805.6
ELEVATION: 827.93

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0808-01		0.2
		SANDY CLAY: brown-gray, SANDY CLAY w/ gravels, soft, slightly moist, slightly plastic; SS @ 2.5-3.0; cinders @ 3.5		SB-0808-02		0.2
		SILTY CLAY: various browns, SILTY CLAY, firm, slightly moist, slightly plastic, some cinders, dark brown mottling		SB-0808-03		0.2
-5		CLAYEY SAND: brown, CLAYEY SAND, w/ gravels, wet, soft; orange staining		SB-0808-04		0.0
		SILTY CLAY: brown, SILTY CLAY, firm, slightly moist, slightly plastic		SB-0808-05		1.6
-10		SAND: gray SAND w/ gravel, moist, soft		SB-0808-06		1.9
		SAND: gray SAND w/ gravel, moist, soft		SB-0808-07		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, firm, slightly plastic, moist		SB-0808-08		0.0
-15						



ARCADIS

BORING LOG

BORING LOG: **SB-0809**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 1:37:00 PM**
DATE COMPLETED: **1/15/2008 1:47:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914080.09
EASTING: 197793.1
ELEVATION: 828.06

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0809-01		0.0
		CLAYEY SAND: brown, CLAYEY SAND, w/ gravels, slightly moist, slightly plastic, firm		SB-0809-02		0.2
		CINDERS: black CINDERS		SB-0809-03		0.0
-5		SILTY CLAY: various browns, SILTY CLAY, soft, slightly moist, slightly plastic, dark brown & gray mottling; SS @ 8.0-8.2; 7.0-7.2; 9.0-9.2; 9.5-9.7.		SB-0809-04		0.0
				SB-0809-05		0.0
-10		CLAYEY SAND: brown, CLAYEY SANDS, w/ gravels, wet, soft		SB-0809-06		0.0
				SB-0809-07		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, firm, slightly moist, non-plastic		SB-0809-08		0.0
-15						



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BORING LOG

BORING LOG: **SB-0810**

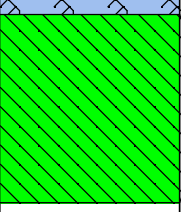
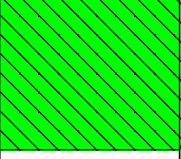
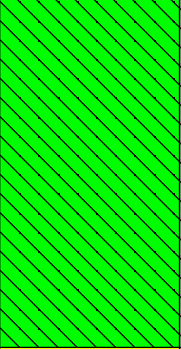
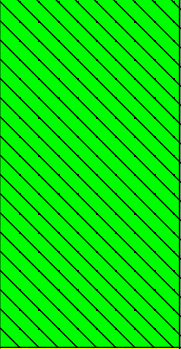
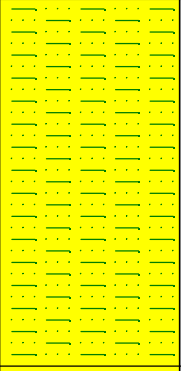
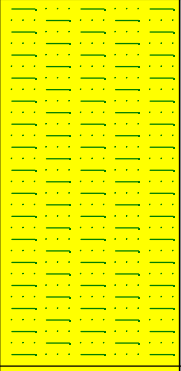
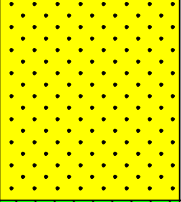
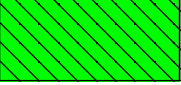
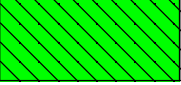
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 1:16:00 PM**
DATE COMPLETED: **1/15/2008 1:30:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: **1914104.22**
EASTING: **197775.3**
ELEVATION: **828.08**

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0810-01		0.0
		SANDY CLAY: brown, SANDY CLAY, w/ gravels, firm, dry, non-plastic				
		CINDERS: black CINDERS		SB-0810-02		0.0
		SILTY CLAY: various browns, SILTY CLAY, soft, slightly moist, slightly plastic, dark brown & gray mottling		SB-0810-03		0.0
-5				SB-0810-04		0.0
		CLAYEY SAND: brown, CLAYEY SAND, w/ gravels, wet, soft, plastic, sticky, some cinders		SB-0810-05		0.0
-10				SB-0810-06		0.0
		SAND: brown-gray SAND, w/ gravel, wet, slightly cohesive		SB-0810-07		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, hard, non-plastic, slightly moist		SB-0810-08		0.0
-15						



BORING LOG

BORING LOG: **SB-0811**

TOTAL DEPTH: **15.00**

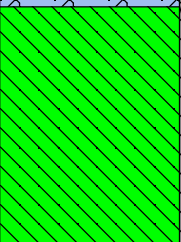
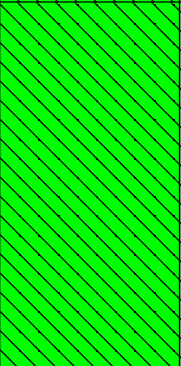
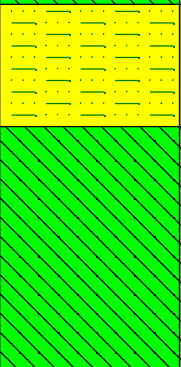
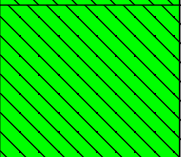
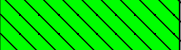
PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
 SITE LOCATION: **Kokomo, Indiana**
 LOGGED BY: **Randy Woodruff**
 DATE STARTED: **1/15/2008 12:58:00 PM**
 DATE COMPLETED: **1/15/2008 1:09:00 PM**

DRILLING CO.: **Boart Longyear**
 DRILLER: **Jeff/Jason**
 DRILLING METHOD: **Geoprobe**

COORDINATES
 NORTHING: 1914132.92
 EASTING: 197777.7
 ELEVATION: 828.27

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL		SB-0811-01		0.0
		SANDY CLAY: brown, SANDY CLAY, w/ gravels, soft, slightly moist, slightly plastic		SB-0811-02		0.0
		SILTY CLAY: various browns, SILTY CLAY, firm-soft, slightly plastic, slightly moist, dark brown-gray mottling		SB-0811-03		0.0
-5				SB-0811-04		0.0
		CLAYEY SAND: brown, CLAYEY SAND, wet, trace gravels, soft, moist		SB-0811-05		0.0
-10		SILTY CLAY: brown, SILTY sandy CLAY, w/ gravels, firm, slightly moist, slightly plastic, wet @ 10-11		SB-0811-06		0.0
		SILTY CLAY: light brown-gray, SILTY sandy CLAY, w/ gravels, slightly moist, slightly plastic, firm		SB-0811-07		0.0
-15		SAND: brown, medium SAND w/gravels		SB-0811-08		0.4



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BORING LOG

BORING LOG: **SB-0812**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

DRILLING INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **1/15/2008 3:05:00 PM**

DATE COMPLETED: **1/15/2008 3:20:00 PM**

DRILLING CO.: **Boart Longyear**

DRILLER: **Jeff/Jason**

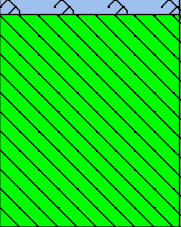
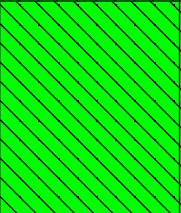
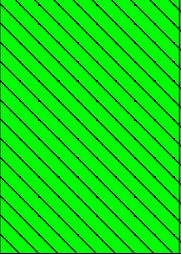
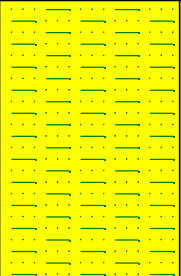
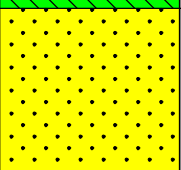
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914319.12

EASTING: 197725.6

ELEVATION: 829.04

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL, wet		SB-0812-01		0.8
		SANDY CLAY: browns, SANDY CLAY, w/ trace gravels, firm, dry, non-plastic; SS @ 2.5-2.8; cinders		SB-0812-02		0.4
		SILTY CLAY: various browns, SILTY CLAY, soft, moist, slightly plastic, dark brown-yellow-orange mottling		SB-0812-03		0.2
-5				SB-0812-04		0.2
				SB-0812-05		0.0
-10		CLAYEY SAND: brown, CLAYEY SAND, some gravels, wet, soft, slightly plastic		SB-0812-06		0.0
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, firm, slightly moist, slightly plastic		SB-0812-07		0.2
-15		SAND: gray, SAND, w/ some gravel, wet, soft, firm, non-plastic		SB-0812-08		0.0



BORING LOG

BORING LOG: **SB-0813**

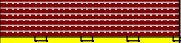
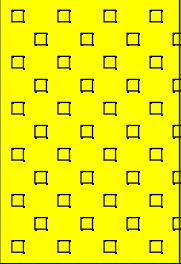
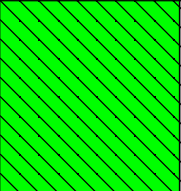
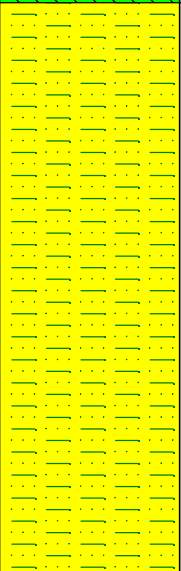
TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**
SITE LOCATION: **Kokomo, Indiana**
LOGGED BY: **Randy Woodruff**
DATE STARTED: **1/15/2008 2:48:00 PM**
DATE COMPLETED: **1/15/2008 2:56:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**
DRILLER: **Jeff/Jason**
DRILLING METHOD: **Geoprobe**
COORDINATES
NORTHING: 1914341.36
EASTING: 197753.3
ELEVATION: 828.55

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		ASPHALT: ASPHALT		SB-0813-01		0.2
		CINDERS: black CINDERS, sands, brick, gravel		SB-0813-02		0.0
		SILTY CLAY: various browns, SILTY CLAY, soft, wet, sticky, plastic, dark brown-yellow-orange mottling		SB-0813-03		0.0
-5		CLAYEY SAND: brown, CLAYEY SAND, wet, soft, sticky, slightly plastic; black staining @ 8-9; moist @ 9; dry @ 10.5; SS @ 10-10.3, 13-13.5		SB-0813-04		0.2
				SB-0813-05		26.5
-10				SB-0813-06		9.0
				SB-0813-07		1.6
		SILTY CLAY: gray, SILTY CLAY, w/ gravels, soft, moist, slightly plastic		SB-0813-08		1.0
-15		SAND: gray medium SAND				



BORING LOG

BORING LOG: **SB-0814**

TOTAL DEPTH: **15.00**

PROJECT INFORMATION

PROJECT: **GM/ENCORE (GM Delco Plant 5)**

SITE LOCATION: **Kokomo, Indiana**

LOGGED BY: **Randy Woodruff**

DATE STARTED: **1/15/2008 2:31:00 PM**

DATE COMPLETED: **1/15/2008 2:39:00 PM**

DRILLING INFORMATION

DRILLING CO.: **Boart Longyear**

DRILLER: **Jeff/Jason**

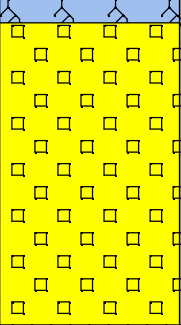
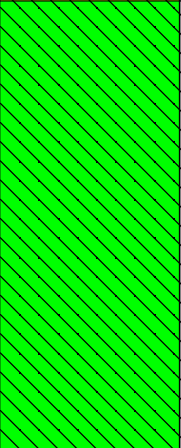
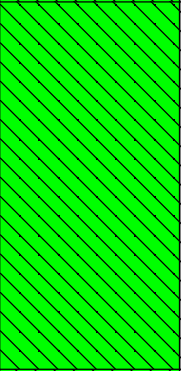
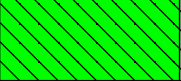
DRILLING METHOD: **Geoprobe**

COORDINATES

NORTHING: 1914336.83

EASTING: 197784.7

ELEVATION: 828.86

DEPTH	SOIL SYMBOLS	SOIL DESCRIPTION	MOISTURE	SAMPLE NUMBER	SUDAN IV	PID (ppm)
0		TOPSOIL: TOPSOIL CINDERS: black CINDERS, sands, brick, tile		SB-0814-01		0.2
				SB-0814-02		0.4
-5		SILTY CLAY: brown-gray, SILTY CLAY, wet, soft, plastic, sticky, dark brown-yellow mottling; moist @ 5.5; SS @ 6.5-7, 7.5-7.8, 8.5-9.		SB-0814-03		0.2
				SB-0814-04		0.2
				SB-0814-05		0.0
-10		SILTY CLAY: brown, CLAYEY SILT, w/ gravels, moist, non-plastic, firm		SB-0814-06		1.0
				SB-0814-07		1.0
-15		SILTY CLAY: gray, SILTY CLAY, w/ gravels, hard, non-plastic, dry		SB-0814-08		0.2

Appendix B

Phase IV Analytical Reports
(Provided on CD)

September 20, 2007

Ms. Susan Scrocchi
Conestoga-Rovers and Associates
2371 George Urban Blvd
Depew, NY 14043

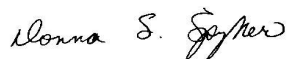
RE: Project: Former GM Delco Plant 5
Pace Project No.: 506918

Dear Ms. Scrocchi:

Enclosed are the analytical results for sample(s) received by the laboratory on September 06, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Donna Spyker

dspyker@pacelabs.com
Project Manager

Illinois/NELAC Certification Number: 100418

Indiana Certification Number: C-49-06

Kansas Certification Number: E-10247

Kentucky Certification Number: 0042

Ohio VAP: CL0065

Pennsylvania: 68-00791

West Virginia Certification Number: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Former GM Delco Plant 5
Pace Project No.: 506918

Lab ID	Sample ID	Matrix	Date Collected	Date Received
506918001	SB-0721(0-2)	Solid	09/05/07 07:35	09/06/07 09:18
506918002	SB-0721(8-10)	Solid	09/05/07 07:45	09/06/07 09:18
506918003	SB-0715(12-14)	Solid	09/05/07 08:17	09/06/07 09:18
506918004	SB-0731(12-14)	Solid	09/05/07 08:40	09/06/07 09:18
506918005	SB-0733(10-12)	Solid	09/05/07 09:17	09/06/07 09:18
506918006	SB-0753(10-12)	Solid	09/05/07 09:37	09/06/07 09:18
506918007	SB-0754(0-2)	Solid	09/05/07 10:30	09/06/07 09:18
506918008	SB-0754(8-10)	Solid	09/05/07 10:36	09/06/07 09:18
506918009	SB-0705(14-15)	Solid	09/05/07 11:45	09/06/07 09:18
506918010	SB-0755(14-15)	Solid	09/05/07 13:30	09/06/07 09:18
506918011	SB-0756(14-15)	Solid	09/05/07 14:10	09/06/07 09:18
506918012	SB-0757(14-15)	Solid	09/05/07 16:35	09/06/07 09:18
506918013	SB-0761(0-2)	Solid	09/05/07 17:55	09/06/07 09:18
506918014	SB-0761(8-10)	Solid	09/05/07 18:02	09/06/07 09:18
506918015	SB-0762(0-2)	Solid	09/05/07 18:14	09/06/07 09:18
506918016	SB-0745(12-14)	Solid	09/04/07 12:05	09/06/07 09:18
506918017	SB-0746(12-14)	Solid	09/04/07 13:20	09/06/07 09:18
506918018	SB-0743(12-14)	Solid	09/04/07 14:27	09/06/07 09:18
506918019	SB-0744(0-2)	Solid	09/04/07 13:47	09/06/07 09:18
506918020	SB-0744(8-10)	Solid	09/04/07 13:55	09/06/07 09:18
506918021	SB-0747(12-14)	Solid	09/04/07 13:35	09/06/07 09:18
506918022	SB-0742(0-2)	Solid	09/04/07 15:28	09/06/07 09:18
506918023	SB-0742(8-10)	Solid	09/04/07 15:40	09/06/07 09:18
506918024	SB-0748(14-15)	Solid	09/04/07 16:40	09/06/07 09:18
506918025	SB-0749(14-15)	Solid	09/04/07 15:18	09/06/07 09:18
506918026	SB-0750(14-15)	Solid	09/04/07 16:12	09/06/07 09:18
506918027	SB-0751(14-15)	Solid	09/04/07 17:12	09/06/07 09:18
506918028	SB-0706(0-2)	Solid	09/04/07 17:24	09/06/07 09:18
506918029	SB-0706(8-10)	Solid	09/04/07 17:33	09/06/07 09:18
506918030	SB-0752(14-15)	Solid	09/04/07 17:59	09/06/07 09:18
506918031	SB-0762(8-10)	Solid	09/05/07 18:17	09/06/07 09:18
506918032	FD-1(090407)RW	Solid	09/04/07 14:27	09/06/07 09:18
506918033	FD-1(090507)RW	Solid	09/05/07 11:45	09/06/07 09:18
506918034	EB-1(090407)RW	Water	09/04/07 18:20	09/06/07 09:18
506918035	EB-1(090507)RW	Water	09/05/07 18:35	09/06/07 09:18
506918036	TB-1(090407)RW	Water	09/04/07 10:20	09/06/07 09:18
506918037	TB-1(090507)RW	Water	09/05/07 07:20	09/06/07 09:18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Lab ID	Sample ID	Method	Analytes Reported
506918001	SB-0721(0-2)	ASTM D2974-87	1
		EPA 8260	51
506918002	SB-0721(8-10)	ASTM D2974-87	1
		EPA 8260	51
506918003	SB-0715(12-14)	ASTM D2974-87	1
		EPA 8260	51
506918004	SB-0731(12-14)	ASTM D2974-87	1
		EPA 8260	51
506918005	SB-0733(10-12)	ASTM D2974-87	1
		EPA 8260	51
506918006	SB-0753(10-12)	ASTM D2974-87	1
		EPA 8260	51
506918007	SB-0754(0-2)	ASTM D2974-87	1
		EPA 8260	51
506918008	SB-0754(8-10)	ASTM D2974-87	1
		EPA 8260	51
506918009	SB-0705(14-15)	ASTM D2974-87	1
		EPA 8260	51
506918010	SB-0755(14-15)	ASTM D2974-87	1
		EPA 8260	51
506918011	SB-0756(14-15)	ASTM D2974-87	1
		EPA 8260	51
506918012	SB-0757(14-15)	ASTM D2974-87	1
		EPA 8260	51
506918013	SB-0761(0-2)	ASTM D2974-87	1
		EPA 8260	51
506918014	SB-0761(8-10)	ASTM D2974-87	1
		EPA 8260	51
506918015	SB-0762(0-2)	ASTM D2974-87	1
		EPA 8260	51
506918016	SB-0745(12-14)	ASTM D2974-87	1
		EPA 8260	51
506918017	SB-0746(12-14)	ASTM D2974-87	1
		EPA 8260	51
506918018	SB-0743(12-14)	ASTM D2974-87	1
		EPA 8260	51
506918019	SB-0744(0-2)	ASTM D2974-87	1

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SAMPLE ANALYTE COUNT

Project: Former GM Delco Plant 5
Pace Project No.: 506918

Lab ID	Sample ID	Method	Analytes Reported
506918020	SB-0744(8-10)	EPA 8260	51
		ASTM D2974-87	1
506918021	SB-0747(12-14)	EPA 8260	51
		ASTM D2974-87	1
506918022	SB-0742(0-2)	EPA 8260	51
		ASTM D2974-87	1
506918023	SB-0742(8-10)	EPA 8260	51
		ASTM D2974-87	1
506918024	SB-0748(14-15)	EPA 8260	51
		ASTM D2974-87	1
506918025	SB-0749(14-15)	EPA 8260	51
		ASTM D2974-87	1
506918026	SB-0750(14-15)	EPA 8260	51
		ASTM D2974-87	1
506918027	SB-0751(14-15)	EPA 8260	51
		ASTM D2974-87	1
506918028	SB-0706(0-2)	EPA 8260	51
		ASTM D2974-87	1
506918029	SB-0706(8-10)	EPA 8260	51
		ASTM D2974-87	1
506918030	SB-0752(14-15)	EPA 8260	51
		ASTM D2974-87	1
506918031	SB-0762(8-10)	EPA 8260	51
		ASTM D2974-87	1
506918032	FD-1(090407)RW	EPA 8260	51
		ASTM D2974-87	1
506918033	FD-1(090507)RW	EPA 8260	51
		ASTM D2974-87	1
506918034	EB-1(090407)RW	EPA 8260	51
506918035	EB-1(090507)RW	EPA 8260	51
506918036	TB-1(090407)RW	EPA 8260	51
506918037	TB-1(090507)RW	EPA 8260	51

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0721(0-2) Lab ID: 506918001 Collected: 09/05/07 07:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	106	1		09/12/07 12:29	67-64-1	
Benzene	ND	ug/kg	5.3	1		09/12/07 12:29	71-43-2	
Bromodichloromethane	ND	ug/kg	5.3	1		09/12/07 12:29	75-27-4	
Bromoform	ND	ug/kg	5.3	1		09/12/07 12:29	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		09/12/07 12:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	26.5	1		09/12/07 12:29	78-93-3	
Carbon disulfide	ND	ug/kg	10.6	1		09/12/07 12:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		09/12/07 12:29	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		09/12/07 12:29	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	75-00-3	
Chloroform	ND	ug/kg	5.3	1		09/12/07 12:29	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		09/12/07 12:29	74-87-3	
Cyclohexane	ND	ug/kg	106	1		09/12/07 12:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		09/12/07 12:29	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		09/12/07 12:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		09/12/07 12:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 12:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 12:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 12:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		09/12/07 12:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 12:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 12:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 12:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		09/12/07 12:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		09/12/07 12:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		09/12/07 12:29	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		09/12/07 12:29	100-41-4	
2-Hexanone	ND	ug/kg	106	1		09/12/07 12:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		09/12/07 12:29	98-82-8	
Methyl acetate	ND	ug/kg	5.3	1		09/12/07 12:29	79-20-9	
Methylcyclohexane	ND	ug/kg	5.3	1		09/12/07 12:29	108-87-2	
Methylene chloride	ND	ug/kg	21.2	1		09/12/07 12:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.5	1		09/12/07 12:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		09/12/07 12:29	1634-04-4	
Styrene	ND	ug/kg	5.3	1		09/12/07 12:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		09/12/07 12:29	127-18-4	
Toluene	ND	ug/kg	5.3	1		09/12/07 12:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		09/12/07 12:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		09/12/07 12:29	79-00-5	
Trichloroethene	757	ug/kg	236	50		09/13/07 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		09/12/07 12:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	1		09/12/07 12:29	76-13-1	

Date: 09/20/2007 04:14 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0721(0-2) **Lab ID: 506918001** Collected: 09/05/07 07:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.3	1		09/12/07 12:29	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	1		09/12/07 12:29	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	1		09/12/07 12:29	1868-53-7	
Toluene-d8 (S)	107	%	81-120	1		09/12/07 12:29	2037-26-5	
4-Bromofluorobenzene (S)	82	%	65-117	1		09/12/07 12:29	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.2	%	0.10	1		09/10/07 13:25		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0721(8-10) Lab ID: 506918002 Collected: 09/05/07 07:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	128000	1000		09/13/07 01:10	67-64-1	D4
Benzene	ND	ug/kg	6410	1000		09/13/07 01:10	71-43-2	
Bromodichloromethane	ND	ug/kg	6410	1000		09/13/07 01:10	75-27-4	
Bromoform	ND	ug/kg	6410	1000		09/13/07 01:10	75-25-2	
Bromomethane	ND	ug/kg	6410	1000		09/13/07 01:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	32000	1000		09/13/07 01:10	78-93-3	
Carbon disulfide	ND	ug/kg	12800	1000		09/13/07 01:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	6410	1000		09/13/07 01:10	56-23-5	
Chlorobenzene	ND	ug/kg	6410	1000		09/13/07 01:10	108-90-7	
Chloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	75-00-3	
Chloroform	ND	ug/kg	6410	1000		09/13/07 01:10	67-66-3	
Chloromethane	ND	ug/kg	6410	1000		09/13/07 01:10	74-87-3	
Cyclohexane	ND	ug/kg	128000	1000		09/13/07 01:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6410	1000		09/13/07 01:10	96-12-8	
Dibromochloromethane	ND	ug/kg	6410	1000		09/13/07 01:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6410	1000		09/13/07 01:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6410	1000		09/13/07 01:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6410	1000		09/13/07 01:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6410	1000		09/13/07 01:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6410	1000		09/13/07 01:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6410	1000		09/13/07 01:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6410	1000		09/13/07 01:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6410	1000		09/13/07 01:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6410	1000		09/13/07 01:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6410	1000		09/13/07 01:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6410	1000		09/13/07 01:10	10061-02-6	
Ethylbenzene	ND	ug/kg	6410	1000		09/13/07 01:10	100-41-4	
2-Hexanone	ND	ug/kg	128000	1000		09/13/07 01:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6410	1000		09/13/07 01:10	98-82-8	
Methyl acetate	ND	ug/kg	6410	1000		09/13/07 01:10	79-20-9	
Methylcyclohexane	ND	ug/kg	6410	1000		09/13/07 01:10	108-87-2	
Methylene chloride	ND	ug/kg	25600	1000		09/13/07 01:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32000	1000		09/13/07 01:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6410	1000		09/13/07 01:10	1634-04-4	
Styrene	ND	ug/kg	6410	1000		09/13/07 01:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	79-34-5	
Tetrachloroethene	ND	ug/kg	6410	1000		09/13/07 01:10	127-18-4	
Toluene	ND	ug/kg	6410	1000		09/13/07 01:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6410	1000		09/13/07 01:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6410	1000		09/13/07 01:10	79-00-5	
Trichloroethene	124000	ug/kg	6410	1000		09/13/07 01:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6410	1000		09/13/07 01:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6410	1000		09/13/07 01:10	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0721(8-10) **Lab ID: 506918002** Collected: 09/05/07 07:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6410	1000		09/13/07 01:10	75-01-4	
Xylene (Total)	ND	ug/kg	12800	1000		09/13/07 01:10	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1000		09/13/07 01:10	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1000		09/13/07 01:10	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	1000		09/13/07 01:10	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0715(12-14) Lab ID: 506918003 Collected: 09/05/07 08:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	82.7	1		09/17/07 22:41	67-64-1	
Benzene	ND	ug/kg	4.1	1		09/17/07 22:41	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		09/17/07 22:41	75-27-4	
Bromoform	ND	ug/kg	4.1	1		09/17/07 22:41	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		09/17/07 22:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.7	1		09/17/07 22:41	78-93-3	
Carbon disulfide	ND	ug/kg	8.3	1		09/17/07 22:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		09/17/07 22:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		09/17/07 22:41	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		09/17/07 22:41	75-00-3	
Chloroform	110	ug/kg	4.1	1		09/17/07 22:41	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		09/17/07 22:41	74-87-3	
Cyclohexane	ND	ug/kg	82.7	1		09/17/07 22:41	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		09/17/07 22:41	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		09/17/07 22:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		09/17/07 22:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		09/17/07 22:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		09/17/07 22:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		09/17/07 22:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		09/17/07 22:41	75-71-8	
1,1-Dichloroethane	4.7	ug/kg	4.1	1		09/17/07 22:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		09/17/07 22:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		09/17/07 22:41	75-35-4	
cis-1,2-Dichloroethene	51.7	ug/kg	4.1	1		09/17/07 22:41	156-59-2	
trans-1,2-Dichloroethene	6.9	ug/kg	4.1	1		09/17/07 22:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		09/17/07 22:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/17/07 22:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/17/07 22:41	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		09/17/07 22:41	100-41-4	
2-Hexanone	ND	ug/kg	82.7	1		09/17/07 22:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		09/17/07 22:41	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		09/17/07 22:41	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		09/17/07 22:41	108-87-2	
Methylene chloride	ND	ug/kg	16.5	1		09/17/07 22:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.7	1		09/17/07 22:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		09/17/07 22:41	1634-04-4	
Styrene	ND	ug/kg	4.1	1		09/17/07 22:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		09/17/07 22:41	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		09/17/07 22:41	127-18-4	
Toluene	ND	ug/kg	4.1	1		09/17/07 22:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		09/17/07 22:41	120-82-1	
1,1,1-Trichloroethane	10.3	ug/kg	4.1	1		09/17/07 22:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		09/17/07 22:41	79-00-5	
Trichloroethene	716	ug/kg	4.1	1		09/17/07 22:41	79-01-6	1d,E
Trichlorofluoromethane	ND	ug/kg	4.1	1		09/17/07 22:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		09/17/07 22:41	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0715(12-14) **Lab ID: 506918003** Collected: 09/05/07 08:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		09/17/07 22:41	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	1		09/17/07 22:41	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		09/17/07 22:41	1868-53-7	
Toluene-d8 (S)	131	%	81-120	1		09/17/07 22:41	2037-26-5	S2
4-Bromofluorobenzene (S)	67	%	65-117	1		09/17/07 22:41	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.9	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0731(12-14) Lab ID: 506918004 Collected: 09/05/07 08:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	78.1	1		09/12/07 13:39	67-64-1	
Benzene	ND	ug/kg	3.9	1		09/12/07 13:39	71-43-2	
Bromodichloromethane	ND	ug/kg	3.9	1		09/12/07 13:39	75-27-4	
Bromoform	ND	ug/kg	3.9	1		09/12/07 13:39	75-25-2	
Bromomethane	ND	ug/kg	3.9	1		09/12/07 13:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.5	1		09/12/07 13:39	78-93-3	
Carbon disulfide	ND	ug/kg	7.8	1		09/12/07 13:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1		09/12/07 13:39	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1		09/12/07 13:39	108-90-7	
Chloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	75-00-3	
Chloroform	ND	ug/kg	3.9	1		09/12/07 13:39	67-66-3	
Chloromethane	ND	ug/kg	3.9	1		09/12/07 13:39	74-87-3	
Cyclohexane	ND	ug/kg	78.1	1		09/12/07 13:39	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	1		09/12/07 13:39	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1		09/12/07 13:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1		09/12/07 13:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1		09/12/07 13:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1		09/12/07 13:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1		09/12/07 13:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1		09/12/07 13:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.9	1		09/12/07 13:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1		09/12/07 13:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1		09/12/07 13:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1		09/12/07 13:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1		09/12/07 13:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1		09/12/07 13:39	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1		09/12/07 13:39	100-41-4	
2-Hexanone	ND	ug/kg	78.1	1		09/12/07 13:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		09/12/07 13:39	98-82-8	
Methyl acetate	ND	ug/kg	3.9	1		09/12/07 13:39	79-20-9	
Methylcyclohexane	ND	ug/kg	3.9	1		09/12/07 13:39	108-87-2	
Methylene chloride	ND	ug/kg	15.6	1		09/12/07 13:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.5	1		09/12/07 13:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		09/12/07 13:39	1634-04-4	
Styrene	ND	ug/kg	3.9	1		09/12/07 13:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		09/12/07 13:39	127-18-4	
Toluene	ND	ug/kg	3.9	1		09/12/07 13:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		09/12/07 13:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		09/12/07 13:39	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1		09/12/07 13:39	79-01-6	2d
Trichlorofluoromethane	ND	ug/kg	3.9	1		09/12/07 13:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	1		09/12/07 13:39	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0731(12-14) **Lab ID: 506918004** Collected: 09/05/07 08:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.9	1		09/12/07 13:39	75-01-4	
Xylene (Total)	ND	ug/kg	7.8	1		09/12/07 13:39	1330-20-7	
Dibromofluoromethane (S)	117	%	82-130	1		09/12/07 13:39	1868-53-7	
Toluene-d8 (S)	130	%	81-120	1		09/12/07 13:39	2037-26-5	S2
4-Bromofluorobenzene (S)	66	%	65-117	1		09/12/07 13:39	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.3	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0733(10-12) Lab ID: 506918005 Collected: 09/05/07 09:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	97.2	1		09/12/07 14:14	67-64-1	
Benzene	ND	ug/kg	4.9	1		09/12/07 14:14	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		09/12/07 14:14	75-27-4	
Bromoform	ND	ug/kg	4.9	1		09/12/07 14:14	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		09/12/07 14:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.3	1		09/12/07 14:14	78-93-3	
Carbon disulfide	ND	ug/kg	9.7	1		09/12/07 14:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		09/12/07 14:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		09/12/07 14:14	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	75-00-3	
Chloroform	ND	ug/kg	4.9	1		09/12/07 14:14	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		09/12/07 14:14	74-87-3	
Cyclohexane	ND	ug/kg	97.2	1		09/12/07 14:14	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		09/12/07 14:14	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		09/12/07 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		09/12/07 14:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		09/12/07 14:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		09/12/07 14:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		09/12/07 14:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		09/12/07 14:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		09/12/07 14:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		09/12/07 14:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		09/12/07 14:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		09/12/07 14:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		09/12/07 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		09/12/07 14:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		09/12/07 14:14	100-41-4	
2-Hexanone	ND	ug/kg	97.2	1		09/12/07 14:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		09/12/07 14:14	98-82-8	
Methyl acetate	ND	ug/kg	4.9	1		09/12/07 14:14	79-20-9	
Methylcyclohexane	ND	ug/kg	4.9	1		09/12/07 14:14	108-87-2	
Methylene chloride	ND	ug/kg	19.4	1		09/12/07 14:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.3	1		09/12/07 14:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		09/12/07 14:14	1634-04-4	
Styrene	ND	ug/kg	4.9	1		09/12/07 14:14	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		09/12/07 14:14	127-18-4	
Toluene	ND	ug/kg	4.9	1		09/12/07 14:14	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		09/12/07 14:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		09/12/07 14:14	79-00-5	
Trichloroethene	21500	ug/kg	2430	500		09/17/07 22:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		09/12/07 14:14	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		09/12/07 14:14	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0733(10-12) **Lab ID: 506918005** Collected: 09/05/07 09:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.9	1		09/12/07 14:14	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		09/12/07 14:14	1330-20-7	
Dibromofluoromethane (S)	116	%	82-130	1		09/12/07 14:14	1868-53-7	
Toluene-d8 (S)	128	%	81-120	1		09/12/07 14:14	2037-26-5	S5
4-Bromofluorobenzene (S)	70	%	65-117	1		09/12/07 14:14	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.3	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0753(10-12) Lab ID: 506918006 Collected: 09/05/07 09:37 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	96.5	1		09/12/07 14:48	67-64-1	
Benzene	ND	ug/kg	4.8	1		09/12/07 14:48	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		09/12/07 14:48	75-27-4	
Bromoform	ND	ug/kg	4.8	1		09/12/07 14:48	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		09/12/07 14:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.1	1		09/12/07 14:48	78-93-3	
Carbon disulfide	ND	ug/kg	9.7	1		09/12/07 14:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		09/12/07 14:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		09/12/07 14:48	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	75-00-3	
Chloroform	25.7	ug/kg	4.8	1		09/12/07 14:48	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		09/12/07 14:48	74-87-3	
Cyclohexane	ND	ug/kg	96.5	1		09/12/07 14:48	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		09/12/07 14:48	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		09/12/07 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		09/12/07 14:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 14:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		09/12/07 14:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 14:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		09/12/07 14:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		09/12/07 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		09/12/07 14:48	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		09/12/07 14:48	100-41-4	
2-Hexanone	ND	ug/kg	96.5	1		09/12/07 14:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		09/12/07 14:48	98-82-8	
Methyl acetate	ND	ug/kg	4.8	1		09/12/07 14:48	79-20-9	
Methylcyclohexane	ND	ug/kg	4.8	1		09/12/07 14:48	108-87-2	
Methylene chloride	ND	ug/kg	19.3	1		09/12/07 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.1	1		09/12/07 14:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		09/12/07 14:48	1634-04-4	
Styrene	ND	ug/kg	4.8	1		09/12/07 14:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		09/12/07 14:48	127-18-4	
Toluene	ND	ug/kg	4.8	1		09/12/07 14:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		09/12/07 14:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		09/12/07 14:48	79-00-5	
Trichloroethene	24900	ug/kg	485	100		09/13/07 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		09/12/07 14:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	1		09/12/07 14:48	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0753(10-12) **Lab ID: 506918006** Collected: 09/05/07 09:37 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.8	1		09/12/07 14:48	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		09/12/07 14:48	1330-20-7	
Dibromofluoromethane (S)	113	%	82-130	1		09/12/07 14:48	1868-53-7	
Toluene-d8 (S)	124	%	81-120	1		09/12/07 14:48	2037-26-5	S5
4-Bromofluorobenzene (S)	70	%	65-117	1		09/12/07 14:48	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.5	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0754(0-2) Lab ID: 506918007 Collected: 09/05/07 10:30 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	105	1		09/12/07 15:23	67-64-1	
Benzene	ND	ug/kg	5.3	1		09/12/07 15:23	71-43-2	
Bromodichloromethane	ND	ug/kg	5.3	1		09/12/07 15:23	75-27-4	
Bromoform	ND	ug/kg	5.3	1		09/12/07 15:23	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		09/12/07 15:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	26.3	1		09/12/07 15:23	78-93-3	
Carbon disulfide	ND	ug/kg	10.5	1		09/12/07 15:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		09/12/07 15:23	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		09/12/07 15:23	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	75-00-3	
Chloroform	ND	ug/kg	5.3	1		09/12/07 15:23	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		09/12/07 15:23	74-87-3	
Cyclohexane	ND	ug/kg	105	1		09/12/07 15:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		09/12/07 15:23	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		09/12/07 15:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		09/12/07 15:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 15:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 15:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		09/12/07 15:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		09/12/07 15:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1		09/12/07 15:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		09/12/07 15:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		09/12/07 15:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		09/12/07 15:23	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		09/12/07 15:23	100-41-4	
2-Hexanone	ND	ug/kg	105	1		09/12/07 15:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		09/12/07 15:23	98-82-8	
Methyl acetate	ND	ug/kg	5.3	1		09/12/07 15:23	79-20-9	
Methylcyclohexane	ND	ug/kg	5.3	1		09/12/07 15:23	108-87-2	
Methylene chloride	ND	ug/kg	21.0	1		09/12/07 15:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.3	1		09/12/07 15:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		09/12/07 15:23	1634-04-4	
Styrene	ND	ug/kg	5.3	1		09/12/07 15:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		09/12/07 15:23	127-18-4	
Toluene	ND	ug/kg	5.3	1		09/12/07 15:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		09/12/07 15:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		09/12/07 15:23	79-00-5	
Trichloroethene	19.2	ug/kg	5.3	1		09/12/07 15:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		09/12/07 15:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	1		09/12/07 15:23	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0754(0-2) **Lab ID: 506918007** Collected: 09/05/07 10:30 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.3	1		09/12/07 15:23	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	1		09/12/07 15:23	1330-20-7	
Dibromofluoromethane (S)	111	%	82-130	1		09/12/07 15:23	1868-53-7	
Toluene-d8 (S)	100	%	81-120	1		09/12/07 15:23	2037-26-5	
4-Bromofluorobenzene (S)	88	%	65-117	1		09/12/07 15:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.5	%	0.10	1		09/10/07 13:26		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **SB-0754(8-10)** Lab ID: **506918008** Collected: 09/05/07 10:36 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	94000	1000		09/13/07 01:44	67-64-1	D4
Benzene	ND	ug/kg	4700	1000		09/13/07 01:44	71-43-2	
Bromodichloromethane	ND	ug/kg	4700	1000		09/13/07 01:44	75-27-4	
Bromoform	ND	ug/kg	4700	1000		09/13/07 01:44	75-25-2	
Bromomethane	ND	ug/kg	4700	1000		09/13/07 01:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23500	1000		09/13/07 01:44	78-93-3	
Carbon disulfide	ND	ug/kg	9400	1000		09/13/07 01:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	4700	1000		09/13/07 01:44	56-23-5	
Chlorobenzene	ND	ug/kg	4700	1000		09/13/07 01:44	108-90-7	
Chloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	75-00-3	
Chloroform	ND	ug/kg	4700	1000		09/13/07 01:44	67-66-3	
Chloromethane	ND	ug/kg	4700	1000		09/13/07 01:44	74-87-3	
Cyclohexane	ND	ug/kg	94000	1000		09/13/07 01:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4700	1000		09/13/07 01:44	96-12-8	
Dibromochloromethane	ND	ug/kg	4700	1000		09/13/07 01:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4700	1000		09/13/07 01:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4700	1000		09/13/07 01:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4700	1000		09/13/07 01:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4700	1000		09/13/07 01:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4700	1000		09/13/07 01:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4700	1000		09/13/07 01:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4700	1000		09/13/07 01:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4700	1000		09/13/07 01:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4700	1000		09/13/07 01:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4700	1000		09/13/07 01:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4700	1000		09/13/07 01:44	10061-02-6	
Ethylbenzene	ND	ug/kg	4700	1000		09/13/07 01:44	100-41-4	
2-Hexanone	ND	ug/kg	94000	1000		09/13/07 01:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4700	1000		09/13/07 01:44	98-82-8	
Methyl acetate	ND	ug/kg	4700	1000		09/13/07 01:44	79-20-9	
Methylcyclohexane	ND	ug/kg	4700	1000		09/13/07 01:44	108-87-2	
Methylene chloride	ND	ug/kg	18800	1000		09/13/07 01:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23500	1000		09/13/07 01:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4700	1000		09/13/07 01:44	1634-04-4	
Styrene	ND	ug/kg	4700	1000		09/13/07 01:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	79-34-5	
Tetrachloroethene	ND	ug/kg	4700	1000		09/13/07 01:44	127-18-4	
Toluene	ND	ug/kg	4700	1000		09/13/07 01:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4700	1000		09/13/07 01:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4700	1000		09/13/07 01:44	79-00-5	
Trichloroethene	33500	ug/kg	4700	1000		09/13/07 01:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4700	1000		09/13/07 01:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4700	1000		09/13/07 01:44	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0754(8-10) **Lab ID: 506918008** Collected: 09/05/07 10:36 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4700	1000		09/13/07 01:44	75-01-4	
Xylene (Total)	ND	ug/kg	9400	1000		09/13/07 01:44	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	1000		09/13/07 01:44	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1000		09/13/07 01:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	65-117	1000		09/13/07 01:44	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.6	%	0.10	1		09/10/07 13:27		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0705(14-15) Lab ID: 506918009 Collected: 09/05/07 11:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	80300	1000		09/13/07 02:19	67-64-1	D4
Benzene	ND	ug/kg	4020	1000		09/13/07 02:19	71-43-2	
Bromodichloromethane	ND	ug/kg	4020	1000		09/13/07 02:19	75-27-4	
Bromoform	ND	ug/kg	4020	1000		09/13/07 02:19	75-25-2	
Bromomethane	ND	ug/kg	4020	1000		09/13/07 02:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20100	1000		09/13/07 02:19	78-93-3	
Carbon disulfide	ND	ug/kg	8030	1000		09/13/07 02:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	4020	1000		09/13/07 02:19	56-23-5	
Chlorobenzene	ND	ug/kg	4020	1000		09/13/07 02:19	108-90-7	
Chloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	75-00-3	
Chloroform	ND	ug/kg	4020	1000		09/13/07 02:19	67-66-3	
Chloromethane	ND	ug/kg	4020	1000		09/13/07 02:19	74-87-3	
Cyclohexane	ND	ug/kg	80300	1000		09/13/07 02:19	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4020	1000		09/13/07 02:19	96-12-8	
Dibromochloromethane	ND	ug/kg	4020	1000		09/13/07 02:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4020	1000		09/13/07 02:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4020	1000		09/13/07 02:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4020	1000		09/13/07 02:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4020	1000		09/13/07 02:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4020	1000		09/13/07 02:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4020	1000		09/13/07 02:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4020	1000		09/13/07 02:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4020	1000		09/13/07 02:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4020	1000		09/13/07 02:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4020	1000		09/13/07 02:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4020	1000		09/13/07 02:19	10061-02-6	
Ethylbenzene	ND	ug/kg	4020	1000		09/13/07 02:19	100-41-4	
2-Hexanone	ND	ug/kg	80300	1000		09/13/07 02:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4020	1000		09/13/07 02:19	98-82-8	
Methyl acetate	ND	ug/kg	4020	1000		09/13/07 02:19	79-20-9	
Methylcyclohexane	ND	ug/kg	4020	1000		09/13/07 02:19	108-87-2	
Methylene chloride	ND	ug/kg	16100	1000		09/13/07 02:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20100	1000		09/13/07 02:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4020	1000		09/13/07 02:19	1634-04-4	
Styrene	ND	ug/kg	4020	1000		09/13/07 02:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	79-34-5	
Tetrachloroethene	ND	ug/kg	4020	1000		09/13/07 02:19	127-18-4	
Toluene	ND	ug/kg	4020	1000		09/13/07 02:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4020	1000		09/13/07 02:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4020	1000		09/13/07 02:19	79-00-5	
Trichloroethene	86900	ug/kg	4020	1000		09/13/07 02:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4020	1000		09/13/07 02:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4020	1000		09/13/07 02:19	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0705(14-15) **Lab ID: 506918009** Collected: 09/05/07 11:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4020	1000		09/13/07 02:19	75-01-4	
Xylene (Total)	ND	ug/kg	8030	1000		09/13/07 02:19	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1000		09/13/07 02:19	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1000		09/13/07 02:19	2037-26-5	
4-Bromofluorobenzene (S)	98	%	65-117	1000		09/13/07 02:19	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.2	%	0.10	1		09/10/07 13:27		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0755(14-15) Lab ID: 506918010 Collected: 09/05/07 13:30 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	83500	1000		09/12/07 21:09	67-64-1	D4
Benzene	ND	ug/kg	4180	1000		09/12/07 21:09	71-43-2	
Bromodichloromethane	ND	ug/kg	4180	1000		09/12/07 21:09	75-27-4	
Bromoform	ND	ug/kg	4180	1000		09/12/07 21:09	75-25-2	
Bromomethane	ND	ug/kg	4180	1000		09/12/07 21:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20900	1000		09/12/07 21:09	78-93-3	
Carbon disulfide	ND	ug/kg	8350	1000		09/12/07 21:09	75-15-0	
Carbon tetrachloride	ND	ug/kg	4180	1000		09/12/07 21:09	56-23-5	
Chlorobenzene	ND	ug/kg	4180	1000		09/12/07 21:09	108-90-7	
Chloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	75-00-3	
Chloroform	ND	ug/kg	4180	1000		09/12/07 21:09	67-66-3	
Chloromethane	ND	ug/kg	4180	1000		09/12/07 21:09	74-87-3	
Cyclohexane	ND	ug/kg	83500	1000		09/12/07 21:09	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4180	1000		09/12/07 21:09	96-12-8	
Dibromochloromethane	ND	ug/kg	4180	1000		09/12/07 21:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4180	1000		09/12/07 21:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4180	1000		09/12/07 21:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4180	1000		09/12/07 21:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4180	1000		09/12/07 21:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4180	1000		09/12/07 21:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4180	1000		09/12/07 21:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4180	1000		09/12/07 21:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4180	1000		09/12/07 21:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4180	1000		09/12/07 21:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4180	1000		09/12/07 21:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4180	1000		09/12/07 21:09	10061-02-6	
Ethylbenzene	ND	ug/kg	4180	1000		09/12/07 21:09	100-41-4	
2-Hexanone	ND	ug/kg	83500	1000		09/12/07 21:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4180	1000		09/12/07 21:09	98-82-8	
Methyl acetate	ND	ug/kg	4180	1000		09/12/07 21:09	79-20-9	
Methylcyclohexane	ND	ug/kg	4180	1000		09/12/07 21:09	108-87-2	
Methylene chloride	ND	ug/kg	16700	1000		09/12/07 21:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20900	1000		09/12/07 21:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4180	1000		09/12/07 21:09	1634-04-4	
Styrene	ND	ug/kg	4180	1000		09/12/07 21:09	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	79-34-5	
Tetrachloroethene	ND	ug/kg	4180	1000		09/12/07 21:09	127-18-4	
Toluene	ND	ug/kg	4180	1000		09/12/07 21:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4180	1000		09/12/07 21:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4180	1000		09/12/07 21:09	79-00-5	
Trichloroethene	173000	ug/kg	4180	1000		09/12/07 21:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4180	1000		09/12/07 21:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4180	1000		09/12/07 21:09	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0755(14-15) **Lab ID: 506918010** Collected: 09/05/07 13:30 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4180	1000		09/12/07 21:09	75-01-4	
Xylene (Total)	ND	ug/kg	8350	1000		09/12/07 21:09	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1000		09/12/07 21:09	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1000		09/12/07 21:09	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1000		09/12/07 21:09	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.1	%	0.10	1		09/10/07 13:28		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0756(14-15) Lab ID: 506918011 Collected: 09/05/07 14:10 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	79700	1000		09/13/07 02:53	67-64-1	D4
Benzene	ND	ug/kg	3990	1000		09/13/07 02:53	71-43-2	
Bromodichloromethane	ND	ug/kg	3990	1000		09/13/07 02:53	75-27-4	
Bromoform	ND	ug/kg	3990	1000		09/13/07 02:53	75-25-2	
Bromomethane	ND	ug/kg	3990	1000		09/13/07 02:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19900	1000		09/13/07 02:53	78-93-3	
Carbon disulfide	ND	ug/kg	7970	1000		09/13/07 02:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	3990	1000		09/13/07 02:53	56-23-5	
Chlorobenzene	ND	ug/kg	3990	1000		09/13/07 02:53	108-90-7	
Chloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	75-00-3	
Chloroform	ND	ug/kg	3990	1000		09/13/07 02:53	67-66-3	
Chloromethane	ND	ug/kg	3990	1000		09/13/07 02:53	74-87-3	
Cyclohexane	ND	ug/kg	79700	1000		09/13/07 02:53	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3990	1000		09/13/07 02:53	96-12-8	
Dibromochloromethane	ND	ug/kg	3990	1000		09/13/07 02:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3990	1000		09/13/07 02:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3990	1000		09/13/07 02:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3990	1000		09/13/07 02:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3990	1000		09/13/07 02:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3990	1000		09/13/07 02:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3990	1000		09/13/07 02:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3990	1000		09/13/07 02:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3990	1000		09/13/07 02:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3990	1000		09/13/07 02:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3990	1000		09/13/07 02:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3990	1000		09/13/07 02:53	10061-02-6	
Ethylbenzene	ND	ug/kg	3990	1000		09/13/07 02:53	100-41-4	
2-Hexanone	ND	ug/kg	79700	1000		09/13/07 02:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3990	1000		09/13/07 02:53	98-82-8	
Methyl acetate	ND	ug/kg	3990	1000		09/13/07 02:53	79-20-9	
Methylcyclohexane	ND	ug/kg	3990	1000		09/13/07 02:53	108-87-2	
Methylene chloride	ND	ug/kg	15900	1000		09/13/07 02:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19900	1000		09/13/07 02:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3990	1000		09/13/07 02:53	1634-04-4	
Styrene	ND	ug/kg	3990	1000		09/13/07 02:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	79-34-5	D4
Tetrachloroethene	ND	ug/kg	3990	1000		09/13/07 02:53	127-18-4	
Toluene	ND	ug/kg	3990	1000		09/13/07 02:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3990	1000		09/13/07 02:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3990	1000		09/13/07 02:53	79-00-5	
Trichloroethene	876000	ug/kg	19900	5000		09/13/07 18:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3990	1000		09/13/07 02:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3990	1000		09/13/07 02:53	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0756(14-15) **Lab ID: 506918011** Collected: 09/05/07 14:10 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3990	1000		09/13/07 02:53	75-01-4	
Xylene (Total)	ND	ug/kg	7970	1000		09/13/07 02:53	1330-20-7	
Dibromofluoromethane (S)	107	%	82-130	1000		09/13/07 02:53	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1000		09/13/07 02:53	2037-26-5	
4-Bromofluorobenzene (S)	96	%	65-117	1000		09/13/07 02:53	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.8	%	0.10	1		09/10/07 13:28		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0757(14-15) Lab ID: 506918012 Collected: 09/05/07 16:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	115000	1000		09/13/07 03:27	67-64-1	D4
Benzene	ND	ug/kg	5770	1000		09/13/07 03:27	71-43-2	
Bromodichloromethane	ND	ug/kg	5770	1000		09/13/07 03:27	75-27-4	
Bromoform	ND	ug/kg	5770	1000		09/13/07 03:27	75-25-2	
Bromomethane	ND	ug/kg	5770	1000		09/13/07 03:27	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28800	1000		09/13/07 03:27	78-93-3	
Carbon disulfide	ND	ug/kg	11500	1000		09/13/07 03:27	75-15-0	
Carbon tetrachloride	ND	ug/kg	5770	1000		09/13/07 03:27	56-23-5	
Chlorobenzene	ND	ug/kg	5770	1000		09/13/07 03:27	108-90-7	
Chloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	75-00-3	
Chloroform	ND	ug/kg	5770	1000		09/13/07 03:27	67-66-3	
Chloromethane	ND	ug/kg	5770	1000		09/13/07 03:27	74-87-3	
Cyclohexane	ND	ug/kg	115000	1000		09/13/07 03:27	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5770	1000		09/13/07 03:27	96-12-8	
Dibromochloromethane	ND	ug/kg	5770	1000		09/13/07 03:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5770	1000		09/13/07 03:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5770	1000		09/13/07 03:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5770	1000		09/13/07 03:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5770	1000		09/13/07 03:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5770	1000		09/13/07 03:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5770	1000		09/13/07 03:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5770	1000		09/13/07 03:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5770	1000		09/13/07 03:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5770	1000		09/13/07 03:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5770	1000		09/13/07 03:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5770	1000		09/13/07 03:27	10061-02-6	
Ethylbenzene	ND	ug/kg	5770	1000		09/13/07 03:27	100-41-4	
2-Hexanone	ND	ug/kg	115000	1000		09/13/07 03:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5770	1000		09/13/07 03:27	98-82-8	
Methyl acetate	ND	ug/kg	5770	1000		09/13/07 03:27	79-20-9	
Methylcyclohexane	ND	ug/kg	5770	1000		09/13/07 03:27	108-87-2	
Methylene chloride	ND	ug/kg	23100	1000		09/13/07 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28800	1000		09/13/07 03:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5770	1000		09/13/07 03:27	1634-04-4	
Styrene	ND	ug/kg	5770	1000		09/13/07 03:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	79-34-5	
Tetrachloroethene	ND	ug/kg	5770	1000		09/13/07 03:27	127-18-4	
Toluene	ND	ug/kg	5770	1000		09/13/07 03:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5770	1000		09/13/07 03:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5770	1000		09/13/07 03:27	79-00-5	
Trichloroethene	1900000	ug/kg	28800	5000		09/13/07 19:31	79-01-6	E
Trichlorofluoromethane	ND	ug/kg	5770	1000		09/13/07 03:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5770	1000		09/13/07 03:27	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0757(14-15) **Lab ID: 506918012** Collected: 09/05/07 16:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5770	1000		09/13/07 03:27	75-01-4	
Xylene (Total)	ND	ug/kg	11500	1000		09/13/07 03:27	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1000		09/13/07 03:27	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1000		09/13/07 03:27	2037-26-5	
4-Bromofluorobenzene (S)	101	%	65-117	1000		09/13/07 03:27	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.8	%	0.10	1		09/10/07 13:28		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0761(0-2) Lab ID: 506918013 Collected: 09/05/07 17:55 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	96.4	1		09/12/07 15:58	67-64-1	
Benzene	ND	ug/kg	4.8	1		09/12/07 15:58	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		09/12/07 15:58	75-27-4	
Bromoform	ND	ug/kg	4.8	1		09/12/07 15:58	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		09/12/07 15:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.1	1		09/12/07 15:58	78-93-3	
Carbon disulfide	ND	ug/kg	9.6	1		09/12/07 15:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		09/12/07 15:58	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		09/12/07 15:58	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	75-00-3	
Chloroform	ND	ug/kg	4.8	1		09/12/07 15:58	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		09/12/07 15:58	74-87-3	
Cyclohexane	ND	ug/kg	96.4	1		09/12/07 15:58	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		09/12/07 15:58	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		09/12/07 15:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		09/12/07 15:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 15:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 15:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		09/12/07 15:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		09/12/07 15:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 15:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 15:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		09/12/07 15:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		09/12/07 15:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		09/12/07 15:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		09/12/07 15:58	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		09/12/07 15:58	100-41-4	
2-Hexanone	ND	ug/kg	96.4	1		09/12/07 15:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		09/12/07 15:58	98-82-8	
Methyl acetate	ND	ug/kg	4.8	1		09/12/07 15:58	79-20-9	
Methylcyclohexane	ND	ug/kg	4.8	1		09/12/07 15:58	108-87-2	
Methylene chloride	ND	ug/kg	19.3	1		09/12/07 15:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.1	1		09/12/07 15:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		09/12/07 15:58	1634-04-4	
Styrene	ND	ug/kg	4.8	1		09/12/07 15:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		09/12/07 15:58	127-18-4	
Toluene	ND	ug/kg	4.8	1		09/12/07 15:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		09/12/07 15:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		09/12/07 15:58	79-00-5	
Trichloroethene	121	ug/kg	4.8	1		09/12/07 15:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		09/12/07 15:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	1		09/12/07 15:58	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0761(0-2) **Lab ID: 506918013** Collected: 09/05/07 17:55 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.8	1		09/12/07 15:58	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		09/12/07 15:58	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1		09/12/07 15:58	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		09/12/07 15:58	2037-26-5	
4-Bromofluorobenzene (S)	89	%	65-117	1		09/12/07 15:58	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.6	%	0.10	1		09/10/07 13:28		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **SB-0761(8-10)** Lab ID: **506918014** Collected: 09/05/07 18:02 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	80700	1000		09/13/07 04:02	67-64-1	D4
Benzene	ND	ug/kg	4030	1000		09/13/07 04:02	71-43-2	
Bromodichloromethane	ND	ug/kg	4030	1000		09/13/07 04:02	75-27-4	
Bromoform	ND	ug/kg	4030	1000		09/13/07 04:02	75-25-2	
Bromomethane	ND	ug/kg	4030	1000		09/13/07 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20200	1000		09/13/07 04:02	78-93-3	
Carbon disulfide	ND	ug/kg	8070	1000		09/13/07 04:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	4030	1000		09/13/07 04:02	56-23-5	
Chlorobenzene	ND	ug/kg	4030	1000		09/13/07 04:02	108-90-7	
Chloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	75-00-3	
Chloroform	ND	ug/kg	4030	1000		09/13/07 04:02	67-66-3	
Chloromethane	ND	ug/kg	4030	1000		09/13/07 04:02	74-87-3	
Cyclohexane	ND	ug/kg	80700	1000		09/13/07 04:02	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4030	1000		09/13/07 04:02	96-12-8	
Dibromochloromethane	ND	ug/kg	4030	1000		09/13/07 04:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4030	1000		09/13/07 04:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4030	1000		09/13/07 04:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4030	1000		09/13/07 04:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4030	1000		09/13/07 04:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4030	1000		09/13/07 04:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4030	1000		09/13/07 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4030	1000		09/13/07 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4030	1000		09/13/07 04:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4030	1000		09/13/07 04:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4030	1000		09/13/07 04:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4030	1000		09/13/07 04:02	10061-02-6	
Ethylbenzene	ND	ug/kg	4030	1000		09/13/07 04:02	100-41-4	
2-Hexanone	ND	ug/kg	80700	1000		09/13/07 04:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4030	1000		09/13/07 04:02	98-82-8	
Methyl acetate	ND	ug/kg	4030	1000		09/13/07 04:02	79-20-9	
Methylcyclohexane	ND	ug/kg	4030	1000		09/13/07 04:02	108-87-2	
Methylene chloride	ND	ug/kg	16100	1000		09/13/07 04:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20200	1000		09/13/07 04:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4030	1000		09/13/07 04:02	1634-04-4	
Styrene	ND	ug/kg	4030	1000		09/13/07 04:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	79-34-5	
Tetrachloroethene	ND	ug/kg	4030	1000		09/13/07 04:02	127-18-4	
Toluene	ND	ug/kg	4030	1000		09/13/07 04:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4030	1000		09/13/07 04:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4030	1000		09/13/07 04:02	79-00-5	
Trichloroethene	50900	ug/kg	4030	1000		09/13/07 04:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4030	1000		09/13/07 04:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4030	1000		09/13/07 04:02	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0761(8-10) **Lab ID: 506918014** Collected: 09/05/07 18:02 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4030	1000		09/13/07 04:02	75-01-4	
Xylene (Total)	ND	ug/kg	8070	1000		09/13/07 04:02	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1000		09/13/07 04:02	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1000		09/13/07 04:02	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-117	1000		09/13/07 04:02	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.4	%	0.10	1		09/10/07 13:28		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0762(0-2) Lab ID: 506918015 Collected: 09/05/07 18:14 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	122	1		09/12/07 16:32	67-64-1	
Benzene	ND	ug/kg	6.1	1		09/12/07 16:32	71-43-2	
Bromodichloromethane	ND	ug/kg	6.1	1		09/12/07 16:32	75-27-4	
Bromoform	ND	ug/kg	6.1	1		09/12/07 16:32	75-25-2	
Bromomethane	ND	ug/kg	6.1	1		09/12/07 16:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.4	1		09/12/07 16:32	78-93-3	
Carbon disulfide	ND	ug/kg	12.2	1		09/12/07 16:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.1	1		09/12/07 16:32	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		09/12/07 16:32	108-90-7	
Chloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	75-00-3	
Chloroform	ND	ug/kg	6.1	1		09/12/07 16:32	67-66-3	
Chloromethane	ND	ug/kg	6.1	1		09/12/07 16:32	74-87-3	
Cyclohexane	ND	ug/kg	122	1		09/12/07 16:32	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1		09/12/07 16:32	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1		09/12/07 16:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		09/12/07 16:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		09/12/07 16:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		09/12/07 16:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		09/12/07 16:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.1	1		09/12/07 16:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		09/12/07 16:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		09/12/07 16:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		09/12/07 16:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		09/12/07 16:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		09/12/07 16:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		09/12/07 16:32	10061-02-6	
Ethylbenzene	ND	ug/kg	6.1	1		09/12/07 16:32	100-41-4	
2-Hexanone	ND	ug/kg	122	1		09/12/07 16:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1		09/12/07 16:32	98-82-8	
Methyl acetate	ND	ug/kg	6.1	1		09/12/07 16:32	79-20-9	
Methylcyclohexane	ND	ug/kg	6.1	1		09/12/07 16:32	108-87-2	
Methylene chloride	ND	ug/kg	24.3	1		09/12/07 16:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.4	1		09/12/07 16:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		09/12/07 16:32	1634-04-4	
Styrene	ND	ug/kg	6.1	1		09/12/07 16:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		09/12/07 16:32	127-18-4	
Toluene	ND	ug/kg	6.1	1		09/12/07 16:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		09/12/07 16:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1		09/12/07 16:32	79-00-5	
Trichloroethene	10.7	ug/kg	6.1	1		09/12/07 16:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1		09/12/07 16:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.1	1		09/12/07 16:32	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0762(0-2) **Lab ID: 506918015** Collected: 09/05/07 18:14 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6.1	1		09/12/07 16:32	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	1		09/12/07 16:32	1330-20-7	
Dibromofluoromethane (S)	113	%	82-130	1		09/12/07 16:32	1868-53-7	
Toluene-d8 (S)	105	%	81-120	1		09/12/07 16:32	2037-26-5	
4-Bromofluorobenzene (S)	82	%	65-117	1		09/12/07 16:32	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.3	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0745(12-14) Lab ID: 506918016 Collected: 09/04/07 12:05 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	81.4	1		09/13/07 15:29	67-64-1	
Benzene	ND	ug/kg	4.1	1		09/13/07 15:29	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		09/13/07 15:29	75-27-4	
Bromoform	ND	ug/kg	4.1	1		09/13/07 15:29	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		09/13/07 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.3	1		09/13/07 15:29	78-93-3	
Carbon disulfide	ND	ug/kg	8.1	1		09/13/07 15:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		09/13/07 15:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		09/13/07 15:29	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	75-00-3	
Chloroform	ND	ug/kg	4.1	1		09/13/07 15:29	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		09/13/07 15:29	74-87-3	
Cyclohexane	ND	ug/kg	81.4	1		09/13/07 15:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		09/13/07 15:29	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		09/13/07 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		09/13/07 15:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		09/13/07 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		09/13/07 15:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/13/07 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/13/07 15:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		09/13/07 15:29	100-41-4	
2-Hexanone	ND	ug/kg	81.4	1		09/13/07 15:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		09/13/07 15:29	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		09/13/07 15:29	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		09/13/07 15:29	108-87-2	
Methylene chloride	ND	ug/kg	16.3	1		09/13/07 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.3	1		09/13/07 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		09/13/07 15:29	1634-04-4	
Styrene	ND	ug/kg	4.1	1		09/13/07 15:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		09/13/07 15:29	127-18-4	
Toluene	ND	ug/kg	4.1	1		09/13/07 15:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		09/13/07 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		09/13/07 15:29	79-00-5	
Trichloroethene	287	ug/kg	109	25		09/13/07 04:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		09/13/07 15:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		09/13/07 15:29	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0745(12-14) **Lab ID: 506918016** Collected: 09/04/07 12:05 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		09/13/07 15:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1		09/13/07 15:29	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1		09/13/07 15:29	1868-53-7	
Toluene-d8 (S)	108	%	81-120	1		09/13/07 15:29	2037-26-5	
4-Bromofluorobenzene (S)	76	%	65-117	1		09/13/07 15:29	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.1	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0746(12-14) Lab ID: 506918017 Collected: 09/04/07 13:20 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	85100	1000		09/13/07 05:11	67-64-1	D4
Benzene	ND	ug/kg	4250	1000		09/13/07 05:11	71-43-2	
Bromodichloromethane	ND	ug/kg	4250	1000		09/13/07 05:11	75-27-4	
Bromoform	ND	ug/kg	4250	1000		09/13/07 05:11	75-25-2	
Bromomethane	ND	ug/kg	4250	1000		09/13/07 05:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21300	1000		09/13/07 05:11	78-93-3	
Carbon disulfide	ND	ug/kg	8510	1000		09/13/07 05:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	4250	1000		09/13/07 05:11	56-23-5	
Chlorobenzene	ND	ug/kg	4250	1000		09/13/07 05:11	108-90-7	
Chloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	75-00-3	
Chloroform	ND	ug/kg	4250	1000		09/13/07 05:11	67-66-3	
Chloromethane	ND	ug/kg	4250	1000		09/13/07 05:11	74-87-3	
Cyclohexane	ND	ug/kg	85100	1000		09/13/07 05:11	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4250	1000		09/13/07 05:11	96-12-8	
Dibromochloromethane	ND	ug/kg	4250	1000		09/13/07 05:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4250	1000		09/13/07 05:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4250	1000		09/13/07 05:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4250	1000		09/13/07 05:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4250	1000		09/13/07 05:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4250	1000		09/13/07 05:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4250	1000		09/13/07 05:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4250	1000		09/13/07 05:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4250	1000		09/13/07 05:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4250	1000		09/13/07 05:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4250	1000		09/13/07 05:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4250	1000		09/13/07 05:11	10061-02-6	
Ethylbenzene	ND	ug/kg	4250	1000		09/13/07 05:11	100-41-4	
2-Hexanone	ND	ug/kg	85100	1000		09/13/07 05:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4250	1000		09/13/07 05:11	98-82-8	
Methyl acetate	ND	ug/kg	4250	1000		09/13/07 05:11	79-20-9	
Methylcyclohexane	ND	ug/kg	4250	1000		09/13/07 05:11	108-87-2	
Methylene chloride	ND	ug/kg	17000	1000		09/13/07 05:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21300	1000		09/13/07 05:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4250	1000		09/13/07 05:11	1634-04-4	
Styrene	ND	ug/kg	4250	1000		09/13/07 05:11	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	79-34-5	
Tetrachloroethene	ND	ug/kg	4250	1000		09/13/07 05:11	127-18-4	
Toluene	ND	ug/kg	4250	1000		09/13/07 05:11	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4250	1000		09/13/07 05:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4250	1000		09/13/07 05:11	79-00-5	
Trichloroethene	449000	ug/kg	21300	5000		09/13/07 20:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4250	1000		09/13/07 05:11	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4250	1000		09/13/07 05:11	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0746(12-14) **Lab ID: 506918017** Collected: 09/04/07 13:20 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4250	1000		09/13/07 05:11	75-01-4	
Xylene (Total)	ND	ug/kg	8510	1000		09/13/07 05:11	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1000		09/13/07 05:11	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1000		09/13/07 05:11	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1000		09/13/07 05:11	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.0	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0743(12-14) Lab ID: 506918018 Collected: 09/04/07 14:27 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	128000	1000		09/13/07 05:45	67-64-1	D4
Benzene	ND	ug/kg	6420	1000		09/13/07 05:45	71-43-2	
Bromodichloromethane	ND	ug/kg	6420	1000		09/13/07 05:45	75-27-4	
Bromoform	ND	ug/kg	6420	1000		09/13/07 05:45	75-25-2	
Bromomethane	ND	ug/kg	6420	1000		09/13/07 05:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	32100	1000		09/13/07 05:45	78-93-3	
Carbon disulfide	ND	ug/kg	12800	1000		09/13/07 05:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	6420	1000		09/13/07 05:45	56-23-5	
Chlorobenzene	ND	ug/kg	6420	1000		09/13/07 05:45	108-90-7	
Chloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	75-00-3	
Chloroform	ND	ug/kg	6420	1000		09/13/07 05:45	67-66-3	
Chloromethane	ND	ug/kg	6420	1000		09/13/07 05:45	74-87-3	
Cyclohexane	ND	ug/kg	128000	1000		09/13/07 05:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6420	1000		09/13/07 05:45	96-12-8	
Dibromochloromethane	ND	ug/kg	6420	1000		09/13/07 05:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6420	1000		09/13/07 05:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6420	1000		09/13/07 05:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6420	1000		09/13/07 05:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6420	1000		09/13/07 05:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6420	1000		09/13/07 05:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6420	1000		09/13/07 05:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6420	1000		09/13/07 05:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6420	1000		09/13/07 05:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6420	1000		09/13/07 05:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6420	1000		09/13/07 05:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6420	1000		09/13/07 05:45	10061-02-6	
Ethylbenzene	ND	ug/kg	6420	1000		09/13/07 05:45	100-41-4	
2-Hexanone	ND	ug/kg	128000	1000		09/13/07 05:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6420	1000		09/13/07 05:45	98-82-8	
Methyl acetate	ND	ug/kg	6420	1000		09/13/07 05:45	79-20-9	
Methylcyclohexane	ND	ug/kg	6420	1000		09/13/07 05:45	108-87-2	
Methylene chloride	ND	ug/kg	25700	1000		09/13/07 05:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32100	1000		09/13/07 05:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6420	1000		09/13/07 05:45	1634-04-4	
Styrene	ND	ug/kg	6420	1000		09/13/07 05:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	79-34-5	
Tetrachloroethene	ND	ug/kg	6420	1000		09/13/07 05:45	127-18-4	
Toluene	ND	ug/kg	6420	1000		09/13/07 05:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6420	1000		09/13/07 05:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6420	1000		09/13/07 05:45	79-00-5	
Trichloroethene	120000	ug/kg	6420	1000		09/13/07 05:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6420	1000		09/13/07 05:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6420	1000		09/13/07 05:45	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0743(12-14) **Lab ID: 506918018** Collected: 09/04/07 14:27 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6420	1000		09/13/07 05:45	75-01-4	
Xylene (Total)	ND	ug/kg	12800	1000		09/13/07 05:45	1330-20-7	
Dibromofluoromethane (S)	113	%	82-130	1000		09/13/07 05:45	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1000		09/13/07 05:45	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-117	1000		09/13/07 05:45	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.3	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0744(0-2) Lab ID: 506918019 Collected: 09/04/07 13:47 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	89.5	1		09/12/07 17:07	67-64-1	
Benzene	ND	ug/kg	4.5	1		09/12/07 17:07	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		09/12/07 17:07	75-27-4	
Bromoform	ND	ug/kg	4.5	1		09/12/07 17:07	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		09/12/07 17:07	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.4	1		09/12/07 17:07	78-93-3	
Carbon disulfide	ND	ug/kg	8.9	1		09/12/07 17:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		09/12/07 17:07	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		09/12/07 17:07	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	75-00-3	
Chloroform	ND	ug/kg	4.5	1		09/12/07 17:07	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		09/12/07 17:07	74-87-3	
Cyclohexane	ND	ug/kg	89.5	1		09/12/07 17:07	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		09/12/07 17:07	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		09/12/07 17:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		09/12/07 17:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 17:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 17:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 17:07	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		09/12/07 17:07	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 17:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 17:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 17:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		09/12/07 17:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 17:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 17:07	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		09/12/07 17:07	100-41-4	
2-Hexanone	ND	ug/kg	89.5	1		09/12/07 17:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		09/12/07 17:07	98-82-8	
Methyl acetate	ND	ug/kg	4.5	1		09/12/07 17:07	79-20-9	
Methylcyclohexane	ND	ug/kg	4.5	1		09/12/07 17:07	108-87-2	
Methylene chloride	ND	ug/kg	17.9	1		09/12/07 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	1		09/12/07 17:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		09/12/07 17:07	1634-04-4	
Styrene	ND	ug/kg	4.5	1		09/12/07 17:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		09/12/07 17:07	127-18-4	
Toluene	ND	ug/kg	4.5	1		09/12/07 17:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		09/12/07 17:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 17:07	79-00-5	
Trichloroethene	4.6	ug/kg	4.5	1		09/12/07 17:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		09/12/07 17:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		09/12/07 17:07	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0744(0-2) **Lab ID: 506918019** Collected: 09/04/07 13:47 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.5	1		09/12/07 17:07	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1		09/12/07 17:07	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	1		09/12/07 17:07	1868-53-7	
Toluene-d8 (S)	113	%	81-120	1		09/12/07 17:07	2037-26-5	
4-Bromofluorobenzene (S)	78	%	65-117	1		09/12/07 17:07	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.6	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0744(8-10) Lab ID: 506918020 Collected: 09/04/07 13:55 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	4390	50		09/13/07 16:38	67-64-1	
Benzene	ND	ug/kg	219	50		09/13/07 16:38	71-43-2	
Bromodichloromethane	ND	ug/kg	219	50		09/13/07 16:38	75-27-4	
Bromoform	ND	ug/kg	219	50		09/13/07 16:38	75-25-2	
Bromomethane	ND	ug/kg	219	50		09/13/07 16:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1100	50		09/13/07 16:38	78-93-3	
Carbon disulfide	ND	ug/kg	439	50		09/13/07 16:38	75-15-0	
Carbon tetrachloride	ND	ug/kg	219	50		09/13/07 16:38	56-23-5	
Chlorobenzene	ND	ug/kg	219	50		09/13/07 16:38	108-90-7	
Chloroethane	ND	ug/kg	219	50		09/13/07 16:38	75-00-3	
Chloroform	ND	ug/kg	219	50		09/13/07 16:38	67-66-3	
Chloromethane	ND	ug/kg	219	50		09/13/07 16:38	74-87-3	
Cyclohexane	ND	ug/kg	4390	50		09/13/07 16:38	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	219	50		09/13/07 16:38	96-12-8	
Dibromochloromethane	ND	ug/kg	219	50		09/13/07 16:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	219	50		09/13/07 16:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	219	50		09/13/07 16:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	219	50		09/13/07 16:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	219	50		09/13/07 16:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	219	50		09/13/07 16:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	219	50		09/13/07 16:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	219	50		09/13/07 16:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	219	50		09/13/07 16:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	219	50		09/13/07 16:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	219	50		09/13/07 16:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	219	50		09/13/07 16:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	219	50		09/13/07 16:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	219	50		09/13/07 16:38	10061-02-6	
Ethylbenzene	ND	ug/kg	219	50		09/13/07 16:38	100-41-4	
2-Hexanone	ND	ug/kg	4390	50		09/13/07 16:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	219	50		09/13/07 16:38	98-82-8	
Methyl acetate	ND	ug/kg	219	50		09/13/07 16:38	79-20-9	
Methylcyclohexane	ND	ug/kg	219	50		09/13/07 16:38	108-87-2	
Methylene chloride	ND	ug/kg	877	50		09/13/07 16:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1100	50		09/13/07 16:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	219	50		09/13/07 16:38	1634-04-4	
Styrene	ND	ug/kg	219	50		09/13/07 16:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	219	50		09/13/07 16:38	79-34-5	
Tetrachloroethene	ND	ug/kg	219	50		09/13/07 16:38	127-18-4	
Toluene	ND	ug/kg	219	50		09/13/07 16:38	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	219	50		09/13/07 16:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	219	50		09/13/07 16:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	219	50		09/13/07 16:38	79-00-5	
Trichloroethene	9240	ug/kg	219	50		09/13/07 16:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	219	50		09/13/07 16:38	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	219	50		09/13/07 16:38	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0744(8-10) **Lab ID: 506918020** Collected: 09/04/07 13:55 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	219	50		09/13/07 16:38	75-01-4	
Xylene (Total)	ND	ug/kg	439	50		09/13/07 16:38	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	50		09/13/07 16:38	1868-53-7	
Toluene-d8 (S)	94	%	81-120	50		09/13/07 16:38	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	50		09/13/07 16:38	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	12.8	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0747(12-14) Lab ID: 506918021 Collected: 09/04/07 13:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	81.8	1		09/12/07 17:41	67-64-1	
Benzene	ND	ug/kg	4.1	1		09/12/07 17:41	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		09/12/07 17:41	75-27-4	
Bromoform	ND	ug/kg	4.1	1		09/12/07 17:41	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		09/12/07 17:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.5	1		09/12/07 17:41	78-93-3	
Carbon disulfide	ND	ug/kg	8.2	1		09/12/07 17:41	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		09/12/07 17:41	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		09/12/07 17:41	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	75-00-3	
Chloroform	ND	ug/kg	4.1	1		09/12/07 17:41	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		09/12/07 17:41	74-87-3	
Cyclohexane	ND	ug/kg	81.8	1		09/12/07 17:41	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		09/12/07 17:41	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		09/12/07 17:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		09/12/07 17:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		09/12/07 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		09/12/07 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		09/12/07 17:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		09/12/07 17:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		09/12/07 17:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/12/07 17:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/12/07 17:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		09/12/07 17:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/12/07 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/12/07 17:41	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		09/12/07 17:41	100-41-4	
2-Hexanone	ND	ug/kg	81.8	1		09/12/07 17:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		09/12/07 17:41	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		09/12/07 17:41	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		09/12/07 17:41	108-87-2	
Methylene chloride	ND	ug/kg	16.4	1		09/12/07 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.5	1		09/12/07 17:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		09/12/07 17:41	1634-04-4	
Styrene	ND	ug/kg	4.1	1		09/12/07 17:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		09/12/07 17:41	127-18-4	
Toluene	ND	ug/kg	4.1	1		09/12/07 17:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		09/12/07 17:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		09/12/07 17:41	79-00-5	
Trichloroethene	20000	ug/kg	959	200		09/14/07 21:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		09/12/07 17:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		09/12/07 17:41	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0747(12-14) **Lab ID: 506918021** Collected: 09/04/07 13:35 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		09/12/07 17:41	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		09/12/07 17:41	1330-20-7	
Dibromofluoromethane (S)	111	%	82-130	1		09/12/07 17:41	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1		09/12/07 17:41	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		09/12/07 17:41	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		09/10/07 13:29		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0742(0-2) Lab ID: 506918022 Collected: 09/04/07 15:28 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	111	1		09/12/07 18:16	67-64-1	
Benzene	ND	ug/kg	5.6	1		09/12/07 18:16	71-43-2	
Bromodichloromethane	ND	ug/kg	5.6	1		09/12/07 18:16	75-27-4	
Bromoform	ND	ug/kg	5.6	1		09/12/07 18:16	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		09/12/07 18:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.8	1		09/12/07 18:16	78-93-3	
Carbon disulfide	ND	ug/kg	11.1	1		09/12/07 18:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		09/12/07 18:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		09/12/07 18:16	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	75-00-3	
Chloroform	ND	ug/kg	5.6	1		09/12/07 18:16	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		09/12/07 18:16	74-87-3	
Cyclohexane	ND	ug/kg	111	1		09/12/07 18:16	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	1		09/12/07 18:16	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		09/12/07 18:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		09/12/07 18:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		09/12/07 18:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		09/12/07 18:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		09/12/07 18:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		09/12/07 18:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		09/12/07 18:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		09/12/07 18:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		09/12/07 18:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		09/12/07 18:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		09/12/07 18:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		09/12/07 18:16	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		09/12/07 18:16	100-41-4	
2-Hexanone	ND	ug/kg	111	1		09/12/07 18:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		09/12/07 18:16	98-82-8	
Methyl acetate	ND	ug/kg	5.6	1		09/12/07 18:16	79-20-9	
Methylcyclohexane	ND	ug/kg	5.6	1		09/12/07 18:16	108-87-2	
Methylene chloride	ND	ug/kg	22.3	1		09/12/07 18:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.8	1		09/12/07 18:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		09/12/07 18:16	1634-04-4	
Styrene	ND	ug/kg	5.6	1		09/12/07 18:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		09/12/07 18:16	127-18-4	
Toluene	ND	ug/kg	5.6	1		09/12/07 18:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		09/12/07 18:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		09/12/07 18:16	79-00-5	
Trichloroethene	332	ug/kg	5.6	1		09/12/07 18:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		09/12/07 18:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.6	1		09/12/07 18:16	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0742(0-2) **Lab ID: 506918022** Collected: 09/04/07 15:28 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.6	1		09/12/07 18:16	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		09/12/07 18:16	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	1		09/12/07 18:16	1868-53-7	
Toluene-d8 (S)	107	%	81-120	1		09/12/07 18:16	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		09/12/07 18:16	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.4	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0742(8-10) Lab ID: 506918023 Collected: 09/04/07 15:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	94300	1000		09/13/07 06:54	67-64-1	D4
Benzene	ND	ug/kg	4720	1000		09/13/07 06:54	71-43-2	
Bromodichloromethane	ND	ug/kg	4720	1000		09/13/07 06:54	75-27-4	
Bromoform	ND	ug/kg	4720	1000		09/13/07 06:54	75-25-2	
Bromomethane	ND	ug/kg	4720	1000		09/13/07 06:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23600	1000		09/13/07 06:54	78-93-3	
Carbon disulfide	ND	ug/kg	9430	1000		09/13/07 06:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	4720	1000		09/13/07 06:54	56-23-5	
Chlorobenzene	ND	ug/kg	4720	1000		09/13/07 06:54	108-90-7	
Chloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	75-00-3	
Chloroform	ND	ug/kg	4720	1000		09/13/07 06:54	67-66-3	
Chloromethane	ND	ug/kg	4720	1000		09/13/07 06:54	74-87-3	
Cyclohexane	ND	ug/kg	94300	1000		09/13/07 06:54	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4720	1000		09/13/07 06:54	96-12-8	
Dibromochloromethane	ND	ug/kg	4720	1000		09/13/07 06:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4720	1000		09/13/07 06:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4720	1000		09/13/07 06:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4720	1000		09/13/07 06:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4720	1000		09/13/07 06:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4720	1000		09/13/07 06:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4720	1000		09/13/07 06:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4720	1000		09/13/07 06:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4720	1000		09/13/07 06:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4720	1000		09/13/07 06:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4720	1000		09/13/07 06:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4720	1000		09/13/07 06:54	10061-02-6	
Ethylbenzene	ND	ug/kg	4720	1000		09/13/07 06:54	100-41-4	
2-Hexanone	ND	ug/kg	94300	1000		09/13/07 06:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4720	1000		09/13/07 06:54	98-82-8	
Methyl acetate	ND	ug/kg	4720	1000		09/13/07 06:54	79-20-9	
Methylcyclohexane	ND	ug/kg	4720	1000		09/13/07 06:54	108-87-2	
Methylene chloride	ND	ug/kg	18900	1000		09/13/07 06:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23600	1000		09/13/07 06:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4720	1000		09/13/07 06:54	1634-04-4	
Styrene	ND	ug/kg	4720	1000		09/13/07 06:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4720	1000		09/13/07 06:54	127-18-4	
Toluene	ND	ug/kg	4720	1000		09/13/07 06:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4720	1000		09/13/07 06:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4720	1000		09/13/07 06:54	79-00-5	
Trichloroethene	86200	ug/kg	4720	1000		09/13/07 06:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4720	1000		09/13/07 06:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4720	1000		09/13/07 06:54	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0742(8-10) **Lab ID: 506918023** Collected: 09/04/07 15:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4720	1000		09/13/07 06:54	75-01-4	
Xylene (Total)	ND	ug/kg	9430	1000		09/13/07 06:54	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	1000		09/13/07 06:54	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1000		09/13/07 06:54	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1000		09/13/07 06:54	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.2	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0748(14-15) Lab ID: 506918024 Collected: 09/04/07 16:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	89.2	1		09/12/07 18:50	67-64-1	
Benzene	ND	ug/kg	4.5	1		09/12/07 18:50	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		09/12/07 18:50	75-27-4	
Bromoform	ND	ug/kg	4.5	1		09/12/07 18:50	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		09/12/07 18:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.3	1		09/12/07 18:50	78-93-3	
Carbon disulfide	ND	ug/kg	8.9	1		09/12/07 18:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		09/12/07 18:50	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		09/12/07 18:50	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		09/12/07 18:50	75-00-3	
Chloroform	ND	ug/kg	4.5	1		09/12/07 18:50	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		09/12/07 18:50	74-87-3	
Cyclohexane	ND	ug/kg	89.2	1		09/12/07 18:50	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		09/12/07 18:50	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		09/12/07 18:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		09/12/07 18:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 18:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 18:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 18:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		09/12/07 18:50	75-71-8	
1,1-Dichloroethane	9.0	ug/kg	4.5	1		09/12/07 18:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		09/12/07 18:50	107-06-2	
1,1-Dichloroethene	34.5	ug/kg	4.5	1		09/12/07 18:50	75-35-4	
cis-1,2-Dichloroethene	16300	ug/kg	2340	500		09/13/07 21:49	156-59-2	
trans-1,2-Dichloroethene	713	ug/kg	234	50		09/13/07 21:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		09/12/07 18:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 18:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 18:50	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		09/12/07 18:50	100-41-4	
2-Hexanone	ND	ug/kg	89.2	1		09/12/07 18:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		09/12/07 18:50	98-82-8	
Methyl acetate	ND	ug/kg	4.5	1		09/12/07 18:50	79-20-9	
Methylcyclohexane	ND	ug/kg	4.5	1		09/12/07 18:50	108-87-2	
Methylene chloride	ND	ug/kg	17.8	1		09/12/07 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.3	1		09/12/07 18:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		09/12/07 18:50	1634-04-4	
Styrene	ND	ug/kg	4.5	1		09/12/07 18:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/12/07 18:50	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		09/12/07 18:50	127-18-4	
Toluene	ND	ug/kg	4.5	1		09/12/07 18:50	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		09/12/07 18:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 18:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 18:50	79-00-5	
Trichloroethene	58.3	ug/kg	4.5	1		09/12/07 18:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		09/12/07 18:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		09/12/07 18:50	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0748(14-15) **Lab ID: 506918024** Collected: 09/04/07 16:40 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.5	1		09/12/07 18:50	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1		09/12/07 18:50	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	1		09/12/07 18:50	1868-53-7	
Toluene-d8 (S)	121	%	81-120	1		09/12/07 18:50	2037-26-5	S5
4-Bromofluorobenzene (S)	74	%	65-117	1		09/12/07 18:50	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.2	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0749(14-15) Lab ID: 506918025 Collected: 09/04/07 15:18 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	76700	1000		09/13/07 07:28	67-64-1	D4
Benzene	ND	ug/kg	3830	1000		09/13/07 07:28	71-43-2	
Bromodichloromethane	ND	ug/kg	3830	1000		09/13/07 07:28	75-27-4	
Bromoform	ND	ug/kg	3830	1000		09/13/07 07:28	75-25-2	
Bromomethane	ND	ug/kg	3830	1000		09/13/07 07:28	74-83-9	D4
2-Butanone (MEK)	ND	ug/kg	19200	1000		09/13/07 07:28	78-93-3	
Carbon disulfide	ND	ug/kg	7670	1000		09/13/07 07:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	3830	1000		09/13/07 07:28	56-23-5	
Chlorobenzene	ND	ug/kg	3830	1000		09/13/07 07:28	108-90-7	D4
Chloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	75-00-3	
Chloroform	ND	ug/kg	3830	1000		09/13/07 07:28	67-66-3	
Chloromethane	ND	ug/kg	3830	1000		09/13/07 07:28	74-87-3	
Cyclohexane	ND	ug/kg	76700	1000		09/13/07 07:28	110-82-7	D4
1,2-Dibromo-3-chloropropane	ND	ug/kg	3830	1000		09/13/07 07:28	96-12-8	
Dibromochloromethane	ND	ug/kg	3830	1000		09/13/07 07:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3830	1000		09/13/07 07:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3830	1000		09/13/07 07:28	95-50-1	D4
1,3-Dichlorobenzene	ND	ug/kg	3830	1000		09/13/07 07:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3830	1000		09/13/07 07:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3830	1000		09/13/07 07:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3830	1000		09/13/07 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3830	1000		09/13/07 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3830	1000		09/13/07 07:28	156-60-5	D4
1,2-Dichloropropane	ND	ug/kg	3830	1000		09/13/07 07:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3830	1000		09/13/07 07:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3830	1000		09/13/07 07:28	10061-02-6	
Ethylbenzene	ND	ug/kg	3830	1000		09/13/07 07:28	100-41-4	D4
2-Hexanone	ND	ug/kg	76700	1000		09/13/07 07:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3830	1000		09/13/07 07:28	98-82-8	
Methyl acetate	ND	ug/kg	3830	1000		09/13/07 07:28	79-20-9	
Methylcyclohexane	ND	ug/kg	3830	1000		09/13/07 07:28	108-87-2	D4
Methylene chloride	ND	ug/kg	15300	1000		09/13/07 07:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19200	1000		09/13/07 07:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3830	1000		09/13/07 07:28	1634-04-4	
Styrene	ND	ug/kg	3830	1000		09/13/07 07:28	100-42-5	D4
1,1,2,2-Tetrachloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	79-34-5	
Tetrachloroethene	ND	ug/kg	3830	1000		09/13/07 07:28	127-18-4	
Toluene	ND	ug/kg	3830	1000		09/13/07 07:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3830	1000		09/13/07 07:28	120-82-1	D4
1,1,1-Trichloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3830	1000		09/13/07 07:28	79-00-5	
Trichloroethene	1250000	ug/kg	19200	5000		09/13/07 22:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3830	1000		09/13/07 07:28	75-69-4	E
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3830	1000		09/13/07 07:28	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0749(14-15) **Lab ID: 506918025** Collected: 09/04/07 15:18 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3830	1000		09/13/07 07:28	75-01-4	
Xylene (Total)	ND	ug/kg	7670	1000		09/13/07 07:28	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	1000		09/13/07 07:28	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1000		09/13/07 07:28	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	1000		09/13/07 07:28	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.7	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0750(14-15) Lab ID: 506918026 Collected: 09/04/07 16:12 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	150000	1000		09/13/07 08:02	67-64-1	D4
Benzene	ND	ug/kg	7510	1000		09/13/07 08:02	71-43-2	
Bromodichloromethane	ND	ug/kg	7510	1000		09/13/07 08:02	75-27-4	
Bromoform	ND	ug/kg	7510	1000		09/13/07 08:02	75-25-2	
Bromomethane	ND	ug/kg	7510	1000		09/13/07 08:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	37500	1000		09/13/07 08:02	78-93-3	
Carbon disulfide	ND	ug/kg	15000	1000		09/13/07 08:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	7510	1000		09/13/07 08:02	56-23-5	
Chlorobenzene	ND	ug/kg	7510	1000		09/13/07 08:02	108-90-7	
Chloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	75-00-3	
Chloroform	ND	ug/kg	7510	1000		09/13/07 08:02	67-66-3	
Chloromethane	ND	ug/kg	7510	1000		09/13/07 08:02	74-87-3	
Cyclohexane	ND	ug/kg	150000	1000		09/13/07 08:02	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7510	1000		09/13/07 08:02	96-12-8	
Dibromochloromethane	ND	ug/kg	7510	1000		09/13/07 08:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7510	1000		09/13/07 08:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7510	1000		09/13/07 08:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7510	1000		09/13/07 08:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7510	1000		09/13/07 08:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7510	1000		09/13/07 08:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7510	1000		09/13/07 08:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7510	1000		09/13/07 08:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7510	1000		09/13/07 08:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7510	1000		09/13/07 08:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7510	1000		09/13/07 08:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7510	1000		09/13/07 08:02	10061-02-6	
Ethylbenzene	ND	ug/kg	7510	1000		09/13/07 08:02	100-41-4	
2-Hexanone	ND	ug/kg	150000	1000		09/13/07 08:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7510	1000		09/13/07 08:02	98-82-8	
Methyl acetate	ND	ug/kg	7510	1000		09/13/07 08:02	79-20-9	
Methylcyclohexane	ND	ug/kg	7510	1000		09/13/07 08:02	108-87-2	
Methylene chloride	ND	ug/kg	30000	1000		09/13/07 08:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37500	1000		09/13/07 08:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7510	1000		09/13/07 08:02	1634-04-4	
Styrene	ND	ug/kg	7510	1000		09/13/07 08:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	79-34-5	
Tetrachloroethene	ND	ug/kg	7510	1000		09/13/07 08:02	127-18-4	
Toluene	ND	ug/kg	7510	1000		09/13/07 08:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	7510	1000		09/13/07 08:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7510	1000		09/13/07 08:02	79-00-5	
Trichloroethene	242000	ug/kg	7510	1000		09/13/07 08:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7510	1000		09/13/07 08:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7510	1000		09/13/07 08:02	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0750(14-15) **Lab ID: 506918026** Collected: 09/04/07 16:12 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	7510	1000		09/13/07 08:02	75-01-4	
Xylene (Total)	ND	ug/kg	15000	1000		09/13/07 08:02	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1000		09/13/07 08:02	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1000		09/13/07 08:02	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1000		09/13/07 08:02	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.3	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0751(14-15) Lab ID: 506918027 Collected: 09/04/07 17:12 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	82500	1000		09/13/07 09:11	67-64-1	D4
Benzene	ND	ug/kg	4130	1000		09/13/07 09:11	71-43-2	
Bromodichloromethane	ND	ug/kg	4130	1000		09/13/07 09:11	75-27-4	
Bromoform	ND	ug/kg	4130	1000		09/13/07 09:11	75-25-2	
Bromomethane	ND	ug/kg	4130	1000		09/13/07 09:11	74-83-9	D4
2-Butanone (MEK)	ND	ug/kg	20600	1000		09/13/07 09:11	78-93-3	
Carbon disulfide	ND	ug/kg	8250	1000		09/13/07 09:11	75-15-0	
Carbon tetrachloride	ND	ug/kg	4130	1000		09/13/07 09:11	56-23-5	
Chlorobenzene	ND	ug/kg	4130	1000		09/13/07 09:11	108-90-7	D4
Chloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	75-00-3	
Chloroform	ND	ug/kg	4130	1000		09/13/07 09:11	67-66-3	
Chloromethane	ND	ug/kg	4130	1000		09/13/07 09:11	74-87-3	
Cyclohexane	ND	ug/kg	82500	1000		09/13/07 09:11	110-82-7	D4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4130	1000		09/13/07 09:11	96-12-8	
Dibromochloromethane	ND	ug/kg	4130	1000		09/13/07 09:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4130	1000		09/13/07 09:11	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4130	1000		09/13/07 09:11	95-50-1	D4
1,3-Dichlorobenzene	ND	ug/kg	4130	1000		09/13/07 09:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4130	1000		09/13/07 09:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4130	1000		09/13/07 09:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4130	1000		09/13/07 09:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4130	1000		09/13/07 09:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4130	1000		09/13/07 09:11	156-60-5	D4
1,2-Dichloropropane	ND	ug/kg	4130	1000		09/13/07 09:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4130	1000		09/13/07 09:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4130	1000		09/13/07 09:11	10061-02-6	
Ethylbenzene	ND	ug/kg	4130	1000		09/13/07 09:11	100-41-4	D4
2-Hexanone	ND	ug/kg	82500	1000		09/13/07 09:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4130	1000		09/13/07 09:11	98-82-8	
Methyl acetate	ND	ug/kg	4130	1000		09/13/07 09:11	79-20-9	
Methylcyclohexane	ND	ug/kg	4130	1000		09/13/07 09:11	108-87-2	3d,C9
Methylene chloride	16500	ug/kg	16500	1000		09/13/07 09:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20600	1000		09/13/07 09:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4130	1000		09/13/07 09:11	1634-04-4	
Styrene	ND	ug/kg	4130	1000		09/13/07 09:11	100-42-5	D4
1,1,2,2-Tetrachloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	79-34-5	
Tetrachloroethene	ND	ug/kg	4130	1000		09/13/07 09:11	127-18-4	
Toluene	ND	ug/kg	4130	1000		09/13/07 09:11	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4130	1000		09/13/07 09:11	120-82-1	D4
1,1,1-Trichloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4130	1000		09/13/07 09:11	79-00-5	
Trichloroethene	814000	ug/kg	20600	5000		09/13/07 23:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4130	1000		09/13/07 09:11	75-69-4	D4
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4130	1000		09/13/07 09:11	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0751(14-15) **Lab ID: 506918027** Collected: 09/04/07 17:12 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4130	1000		09/13/07 09:11	75-01-4	
Xylene (Total)	ND	ug/kg	8250	1000		09/13/07 09:11	1330-20-7	
Dibromofluoromethane (S)	111	%	82-130	1000		09/13/07 09:11	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1000		09/13/07 09:11	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1000		09/13/07 09:11	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.1	%	0.10	1		09/10/07 13:31		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0706(0-2) Lab ID: 506918028 Collected: 09/04/07 17:24 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	89.6	1		09/12/07 19:25	67-64-1	
Benzene	ND	ug/kg	4.5	1		09/12/07 19:25	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		09/12/07 19:25	75-27-4	
Bromoform	ND	ug/kg	4.5	1		09/12/07 19:25	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		09/12/07 19:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.4	1		09/12/07 19:25	78-93-3	
Carbon disulfide	ND	ug/kg	9.0	1		09/12/07 19:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		09/12/07 19:25	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		09/12/07 19:25	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	75-00-3	
Chloroform	ND	ug/kg	4.5	1		09/12/07 19:25	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		09/12/07 19:25	74-87-3	
Cyclohexane	ND	ug/kg	89.6	1		09/12/07 19:25	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		09/12/07 19:25	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		09/12/07 19:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		09/12/07 19:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 19:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 19:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		09/12/07 19:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		09/12/07 19:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 19:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 19:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		09/12/07 19:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		09/12/07 19:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 19:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		09/12/07 19:25	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		09/12/07 19:25	100-41-4	
2-Hexanone	ND	ug/kg	89.6	1		09/12/07 19:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		09/12/07 19:25	98-82-8	
Methyl acetate	ND	ug/kg	4.5	1		09/12/07 19:25	79-20-9	
Methylcyclohexane	ND	ug/kg	4.5	1		09/12/07 19:25	108-87-2	
Methylene chloride	ND	ug/kg	17.9	1		09/12/07 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	1		09/12/07 19:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		09/12/07 19:25	1634-04-4	
Styrene	ND	ug/kg	4.5	1		09/12/07 19:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		09/12/07 19:25	127-18-4	
Toluene	ND	ug/kg	4.5	1		09/12/07 19:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		09/12/07 19:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		09/12/07 19:25	79-00-5	
Trichloroethene	102	ug/kg	4.5	1		09/12/07 19:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		09/12/07 19:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		09/12/07 19:25	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0706(0-2) **Lab ID: 506918028** Collected: 09/04/07 17:24 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.5	1		09/12/07 19:25	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		09/12/07 19:25	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1		09/12/07 19:25	1868-53-7	
Toluene-d8 (S)	108	%	81-120	1		09/12/07 19:25	2037-26-5	
4-Bromofluorobenzene (S)	79	%	65-117	1		09/12/07 19:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.6	%	0.10	1		09/10/07 13:32		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **SB-0706(8-10)** Lab ID: **506918029** Collected: 09/04/07 17:33 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	91800	1000		09/13/07 08:37	67-64-1	D4
Benzene	ND	ug/kg	4590	1000		09/13/07 08:37	71-43-2	
Bromodichloromethane	ND	ug/kg	4590	1000		09/13/07 08:37	75-27-4	
Bromoform	ND	ug/kg	4590	1000		09/13/07 08:37	75-25-2	
Bromomethane	ND	ug/kg	4590	1000		09/13/07 08:37	74-83-9	D4
2-Butanone (MEK)	ND	ug/kg	23000	1000		09/13/07 08:37	78-93-3	
Carbon disulfide	ND	ug/kg	9180	1000		09/13/07 08:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	4590	1000		09/13/07 08:37	56-23-5	
Chlorobenzene	ND	ug/kg	4590	1000		09/13/07 08:37	108-90-7	D4
Chloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	75-00-3	
Chloroform	ND	ug/kg	4590	1000		09/13/07 08:37	67-66-3	
Chloromethane	ND	ug/kg	4590	1000		09/13/07 08:37	74-87-3	
Cyclohexane	ND	ug/kg	91800	1000		09/13/07 08:37	110-82-7	D4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4590	1000		09/13/07 08:37	96-12-8	
Dibromochloromethane	ND	ug/kg	4590	1000		09/13/07 08:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4590	1000		09/13/07 08:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4590	1000		09/13/07 08:37	95-50-1	D4
1,3-Dichlorobenzene	ND	ug/kg	4590	1000		09/13/07 08:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4590	1000		09/13/07 08:37	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4590	1000		09/13/07 08:37	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4590	1000		09/13/07 08:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4590	1000		09/13/07 08:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4590	1000		09/13/07 08:37	156-60-5	D4
1,2-Dichloropropane	ND	ug/kg	4590	1000		09/13/07 08:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4590	1000		09/13/07 08:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4590	1000		09/13/07 08:37	10061-02-6	
Ethylbenzene	ND	ug/kg	4590	1000		09/13/07 08:37	100-41-4	D4
2-Hexanone	ND	ug/kg	91800	1000		09/13/07 08:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4590	1000		09/13/07 08:37	98-82-8	
Methyl acetate	ND	ug/kg	4590	1000		09/13/07 08:37	79-20-9	
Methylcyclohexane	ND	ug/kg	4590	1000		09/13/07 08:37	108-87-2	3d,C9
Methylene chloride	27500	ug/kg	18400	1000		09/13/07 08:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23000	1000		09/13/07 08:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4590	1000		09/13/07 08:37	1634-04-4	
Styrene	ND	ug/kg	4590	1000		09/13/07 08:37	100-42-5	D4
1,1,2,2-Tetrachloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	79-34-5	
Tetrachloroethene	ND	ug/kg	4590	1000		09/13/07 08:37	127-18-4	
Toluene	ND	ug/kg	4590	1000		09/13/07 08:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4590	1000		09/13/07 08:37	120-82-1	D4
1,1,1-Trichloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4590	1000		09/13/07 08:37	79-00-5	
Trichloroethene	93600	ug/kg	4590	1000		09/13/07 08:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4590	1000		09/13/07 08:37	75-69-4	D4
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4590	1000		09/13/07 08:37	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0706(8-10) **Lab ID: 506918029** Collected: 09/04/07 17:33 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4590	1000		09/13/07 08:37	75-01-4	
Xylene (Total)	ND	ug/kg	9180	1000		09/13/07 08:37	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1000		09/13/07 08:37	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1000		09/13/07 08:37	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1000		09/13/07 08:37	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.6	%	0.10	1		09/10/07 13:32		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0752(14-15) Lab ID: 506918030 Collected: 09/04/07 17:59 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	81.1	1		09/13/07 16:03	67-64-1	
Benzene	ND	ug/kg	4.1	1		09/13/07 16:03	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		09/13/07 16:03	75-27-4	
Bromoform	ND	ug/kg	4.1	1		09/13/07 16:03	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		09/13/07 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.3	1		09/13/07 16:03	78-93-3	
Carbon disulfide	ND	ug/kg	8.1	1		09/13/07 16:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		09/13/07 16:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		09/13/07 16:03	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	75-00-3	
Chloroform	ND	ug/kg	4.1	1		09/13/07 16:03	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		09/13/07 16:03	74-87-3	
Cyclohexane	ND	ug/kg	81.1	1		09/13/07 16:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		09/13/07 16:03	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		09/13/07 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		09/13/07 16:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		09/13/07 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		09/13/07 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		09/13/07 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		09/13/07 16:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/13/07 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		09/13/07 16:03	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		09/13/07 16:03	100-41-4	
2-Hexanone	ND	ug/kg	81.1	1		09/13/07 16:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		09/13/07 16:03	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		09/13/07 16:03	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		09/13/07 16:03	108-87-2	
Methylene chloride	ND	ug/kg	16.2	1		09/13/07 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.3	1		09/13/07 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		09/13/07 16:03	1634-04-4	
Styrene	ND	ug/kg	4.1	1		09/13/07 16:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		09/13/07 16:03	127-18-4	
Toluene	ND	ug/kg	4.1	1		09/13/07 16:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		09/13/07 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		09/13/07 16:03	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		09/13/07 16:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		09/13/07 16:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		09/13/07 16:03	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0752(14-15) **Lab ID: 506918030** Collected: 09/04/07 17:59 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		09/13/07 16:03	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1		09/13/07 16:03	1330-20-7	
Dibromofluoromethane (S)	113	%	82-130	1		09/13/07 16:03	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1		09/13/07 16:03	2037-26-5	
4-Bromofluorobenzene (S)	89	%	65-117	1		09/13/07 16:03	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.1	%	0.10	1		09/10/07 13:32		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **SB-0762(8-10)** Lab ID: **506918031** Collected: 09/05/07 18:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	71.5	1		09/12/07 20:34	67-64-1	
Benzene	ND	ug/kg	3.6	1		09/12/07 20:34	71-43-2	
Bromodichloromethane	ND	ug/kg	3.6	1		09/12/07 20:34	75-27-4	
Bromoform	ND	ug/kg	3.6	1		09/12/07 20:34	75-25-2	
Bromomethane	ND	ug/kg	3.6	1		09/12/07 20:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	17.9	1		09/12/07 20:34	78-93-3	
Carbon disulfide	ND	ug/kg	7.2	1		09/12/07 20:34	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.6	1		09/12/07 20:34	56-23-5	
Chlorobenzene	ND	ug/kg	3.6	1		09/12/07 20:34	108-90-7	
Chloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	75-00-3	
Chloroform	ND	ug/kg	3.6	1		09/12/07 20:34	67-66-3	
Chloromethane	ND	ug/kg	3.6	1		09/12/07 20:34	74-87-3	
Cyclohexane	ND	ug/kg	71.5	1		09/12/07 20:34	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.6	1		09/12/07 20:34	96-12-8	
Dibromochloromethane	ND	ug/kg	3.6	1		09/12/07 20:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.6	1		09/12/07 20:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.6	1		09/12/07 20:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.6	1		09/12/07 20:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.6	1		09/12/07 20:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.6	1		09/12/07 20:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.6	1		09/12/07 20:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.6	1		09/12/07 20:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.6	1		09/12/07 20:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.6	1		09/12/07 20:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.6	1		09/12/07 20:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.6	1		09/12/07 20:34	10061-02-6	
Ethylbenzene	ND	ug/kg	3.6	1		09/12/07 20:34	100-41-4	
2-Hexanone	ND	ug/kg	71.5	1		09/12/07 20:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.6	1		09/12/07 20:34	98-82-8	
Methyl acetate	ND	ug/kg	3.6	1		09/12/07 20:34	79-20-9	
Methylcyclohexane	ND	ug/kg	3.6	1		09/12/07 20:34	108-87-2	
Methylene chloride	ND	ug/kg	14.3	1		09/12/07 20:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	17.9	1		09/12/07 20:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.6	1		09/12/07 20:34	1634-04-4	
Styrene	ND	ug/kg	3.6	1		09/12/07 20:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	79-34-5	
Tetrachloroethene	ND	ug/kg	3.6	1		09/12/07 20:34	127-18-4	
Toluene	ND	ug/kg	3.6	1		09/12/07 20:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.6	1		09/12/07 20:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.6	1		09/12/07 20:34	79-00-5	
Trichloroethene	2840	ug/kg	491	100		09/13/07 22:59	79-01-6	
Trichlorofluoromethane	5.2	ug/kg	3.6	1		09/12/07 20:34	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.6	1		09/12/07 20:34	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: SB-0762(8-10) **Lab ID: 506918031** Collected: 09/05/07 18:17 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.6	1		09/12/07 20:34	75-01-4	
Xylene (Total)	ND	ug/kg	7.2	1		09/12/07 20:34	1330-20-7	
Dibromofluoromethane (S)	116	%	82-130	1		09/12/07 20:34	1868-53-7	
Toluene-d8 (S)	110	%	81-120	1		09/12/07 20:34	2037-26-5	
4-Bromofluorobenzene (S)	83	%	65-117	1		09/12/07 20:34	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.3	%	0.10	1		09/10/07 13:33		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **FD-1(090407)RW** Lab ID: **506918032** Collected: 09/04/07 14:27 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86200	1000		09/13/07 10:55	67-64-1	D4
Benzene	ND	ug/kg	4310	1000		09/13/07 10:55	71-43-2	
Bromodichloromethane	ND	ug/kg	4310	1000		09/13/07 10:55	75-27-4	
Bromoform	ND	ug/kg	4310	1000		09/13/07 10:55	75-25-2	
Bromomethane	ND	ug/kg	4310	1000		09/13/07 10:55	74-83-9	D4
2-Butanone (MEK)	ND	ug/kg	21500	1000		09/13/07 10:55	78-93-3	
Carbon disulfide	ND	ug/kg	8620	1000		09/13/07 10:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	4310	1000		09/13/07 10:55	56-23-5	
Chlorobenzene	ND	ug/kg	4310	1000		09/13/07 10:55	108-90-7	D4
Chloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	75-00-3	
Chloroform	ND	ug/kg	4310	1000		09/13/07 10:55	67-66-3	
Chloromethane	ND	ug/kg	4310	1000		09/13/07 10:55	74-87-3	
Cyclohexane	ND	ug/kg	86200	1000		09/13/07 10:55	110-82-7	D4
1,2-Dibromo-3-chloropropane	ND	ug/kg	4310	1000		09/13/07 10:55	96-12-8	
Dibromochloromethane	ND	ug/kg	4310	1000		09/13/07 10:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4310	1000		09/13/07 10:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4310	1000		09/13/07 10:55	95-50-1	D4
1,3-Dichlorobenzene	ND	ug/kg	4310	1000		09/13/07 10:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4310	1000		09/13/07 10:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4310	1000		09/13/07 10:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4310	1000		09/13/07 10:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4310	1000		09/13/07 10:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4310	1000		09/13/07 10:55	156-60-5	D4
1,2-Dichloropropane	ND	ug/kg	4310	1000		09/13/07 10:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4310	1000		09/13/07 10:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4310	1000		09/13/07 10:55	10061-02-6	
Ethylbenzene	ND	ug/kg	4310	1000		09/13/07 10:55	100-41-4	D4
2-Hexanone	ND	ug/kg	86200	1000		09/13/07 10:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4310	1000		09/13/07 10:55	98-82-8	
Methyl acetate	ND	ug/kg	4310	1000		09/13/07 10:55	79-20-9	
Methylcyclohexane	ND	ug/kg	4310	1000		09/13/07 10:55	108-87-2	D4
Methylene chloride	28500	ug/kg	17200	1000		09/13/07 10:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21500	1000		09/13/07 10:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4310	1000		09/13/07 10:55	1634-04-4	
Styrene	ND	ug/kg	4310	1000		09/13/07 10:55	100-42-5	D4
1,1,2,2-Tetrachloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	79-34-5	
Tetrachloroethene	ND	ug/kg	4310	1000		09/13/07 10:55	127-18-4	
Toluene	ND	ug/kg	4310	1000		09/13/07 10:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4310	1000		09/13/07 10:55	120-82-1	D4
1,1,1-Trichloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4310	1000		09/13/07 10:55	79-00-5	
Trichloroethene	141000	ug/kg	4310	1000		09/13/07 10:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4310	1000		09/13/07 10:55	75-69-4	D4
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4310	1000		09/13/07 10:55	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: FD-1(090407)RW **Lab ID:** 506918032 Collected: 09/04/07 14:27 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4310	1000		09/13/07 10:55	75-01-4	
Xylene (Total)	ND	ug/kg	8620	1000		09/13/07 10:55	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1000		09/13/07 10:55	1868-53-7	
Toluene-d8 (S)	94	%	81-120	1000		09/13/07 10:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	1000		09/13/07 10:55	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.9	%	0.10	1		09/10/07 13:33		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: **FD-1(090507)RW** Lab ID: **506918033** Collected: 09/05/07 11:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	106000	1000		09/13/07 11:30	67-64-1	D4
Benzene	ND	ug/kg	5280	1000		09/13/07 11:30	71-43-2	
Bromodichloromethane	ND	ug/kg	5280	1000		09/13/07 11:30	75-27-4	
Bromoform	ND	ug/kg	5280	1000		09/13/07 11:30	75-25-2	
Bromomethane	ND	ug/kg	5280	1000		09/13/07 11:30	74-83-9	D4
2-Butanone (MEK)	ND	ug/kg	26400	1000		09/13/07 11:30	78-93-3	
Carbon disulfide	ND	ug/kg	10600	1000		09/13/07 11:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	5280	1000		09/13/07 11:30	56-23-5	
Chlorobenzene	ND	ug/kg	5280	1000		09/13/07 11:30	108-90-7	D4
Chloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	75-00-3	
Chloroform	ND	ug/kg	5280	1000		09/13/07 11:30	67-66-3	
Chloromethane	ND	ug/kg	5280	1000		09/13/07 11:30	74-87-3	
Cyclohexane	ND	ug/kg	106000	1000		09/13/07 11:30	110-82-7	D4
1,2-Dibromo-3-chloropropane	ND	ug/kg	5280	1000		09/13/07 11:30	96-12-8	
Dibromochloromethane	ND	ug/kg	5280	1000		09/13/07 11:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5280	1000		09/13/07 11:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5280	1000		09/13/07 11:30	95-50-1	D4
1,3-Dichlorobenzene	ND	ug/kg	5280	1000		09/13/07 11:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5280	1000		09/13/07 11:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5280	1000		09/13/07 11:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	75-34-3	D4
1,2-Dichloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5280	1000		09/13/07 11:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5280	1000		09/13/07 11:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5280	1000		09/13/07 11:30	156-60-5	D4
1,2-Dichloropropane	ND	ug/kg	5280	1000		09/13/07 11:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5280	1000		09/13/07 11:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5280	1000		09/13/07 11:30	10061-02-6	
Ethylbenzene	ND	ug/kg	5280	1000		09/13/07 11:30	100-41-4	D4
2-Hexanone	ND	ug/kg	106000	1000		09/13/07 11:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5280	1000		09/13/07 11:30	98-82-8	
Methyl acetate	ND	ug/kg	5280	1000		09/13/07 11:30	79-20-9	
Methylcyclohexane	ND	ug/kg	5280	1000		09/13/07 11:30	108-87-2	3d,C9
Methylene chloride	29200	ug/kg	21100	1000		09/13/07 11:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26400	1000		09/13/07 11:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5280	1000		09/13/07 11:30	1634-04-4	
Styrene	ND	ug/kg	5280	1000		09/13/07 11:30	100-42-5	3d,C9
1,1,2,2-Tetrachloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	79-34-5	
Tetrachloroethene	ND	ug/kg	5280	1000		09/13/07 11:30	127-18-4	
Toluene	ND	ug/kg	5280	1000		09/13/07 11:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5280	1000		09/13/07 11:30	120-82-1	3d,C9
1,1,1-Trichloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5280	1000		09/13/07 11:30	79-00-5	
Trichloroethene	120000	ug/kg	5280	1000		09/13/07 11:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5280	1000		09/13/07 11:30	75-69-4	3d,C9
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5280	1000		09/13/07 11:30	76-13-1	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: FD-1(090507)RW **Lab ID:** 506918033 Collected: 09/05/07 11:45 Received: 09/06/07 09:18 Matrix: Solid

Solid results reported on dry weight basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5280	1000		09/13/07 11:30	75-01-4	
Xylene (Total)	ND	ug/kg	10600	1000		09/13/07 11:30	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	1000		09/13/07 11:30	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1000		09/13/07 11:30	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1000		09/13/07 11:30	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.9	%	0.10	1		09/10/07 15:43		

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: EB-1(090407)RW		Lab ID: 506918034	Collected: 09/04/07 18:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		09/13/07 17:56	67-64-1	
Benzene	ND	ug/L	5.0	1		09/13/07 17:56	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		09/13/07 17:56	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/13/07 17:56	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/13/07 17:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/13/07 17:56	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		09/13/07 17:56	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/13/07 17:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/13/07 17:56	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/13/07 17:56	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/13/07 17:56	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/13/07 17:56	74-87-3	
Cyclohexane	ND	ug/L	100	1		09/13/07 17:56	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		09/13/07 17:56	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		09/13/07 17:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/13/07 17:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 17:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 17:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 17:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/13/07 17:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/13/07 17:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/13/07 17:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/13/07 17:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 17:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 17:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/13/07 17:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 17:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 17:56	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/13/07 17:56	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		09/13/07 17:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/13/07 17:56	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		09/13/07 17:56	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		09/13/07 17:56	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		09/13/07 17:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/13/07 17:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/13/07 17:56	1634-04-4	
Styrene	ND	ug/L	5.0	1		09/13/07 17:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/13/07 17:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/13/07 17:56	127-18-4	
Toluene	ND	ug/L	5.0	1		09/13/07 17:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/13/07 17:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/13/07 17:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/13/07 17:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/13/07 17:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/13/07 17:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		09/13/07 17:56	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		09/13/07 17:56	75-01-4	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: EB-1(090407)RW		Lab ID: 506918034	Collected: 09/04/07 18:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		09/13/07 17:56	1330-20-7	
Dibromofluoromethane (S)	119	%	82-122	1		09/13/07 17:56	1868-53-7	
4-Bromofluorobenzene (S)	107	%	73-120	1		09/13/07 17:56	460-00-4	
Toluene-d8 (S)	99	%	80-120	1		09/13/07 17:56	2037-26-5	

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: EB-1(090507)RW		Lab ID: 506918035	Collected: 09/05/07 18:35	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		09/13/07 18:30	67-64-1	
Benzene	ND	ug/L	5.0	1		09/13/07 18:30	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		09/13/07 18:30	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/13/07 18:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/13/07 18:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/13/07 18:30	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		09/13/07 18:30	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/13/07 18:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/13/07 18:30	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/13/07 18:30	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/13/07 18:30	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/13/07 18:30	74-87-3	
Cyclohexane	ND	ug/L	100	1		09/13/07 18:30	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		09/13/07 18:30	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		09/13/07 18:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/13/07 18:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 18:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 18:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 18:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/13/07 18:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/13/07 18:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/13/07 18:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/13/07 18:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 18:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 18:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/13/07 18:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 18:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 18:30	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/13/07 18:30	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		09/13/07 18:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/13/07 18:30	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		09/13/07 18:30	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		09/13/07 18:30	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		09/13/07 18:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/13/07 18:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/13/07 18:30	1634-04-4	
Styrene	ND	ug/L	5.0	1		09/13/07 18:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/13/07 18:30	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/13/07 18:30	127-18-4	
Toluene	ND	ug/L	5.0	1		09/13/07 18:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/13/07 18:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/13/07 18:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/13/07 18:30	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/13/07 18:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/13/07 18:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		09/13/07 18:30	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		09/13/07 18:30	75-01-4	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: EB-1(090507)RW		Lab ID: 506918035		Collected: 09/05/07 18:35		Received: 09/06/07 09:18		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Xylene (Total)		ND ug/L		10.0	1		09/13/07 18:30	1330-20-7	
Dibromofluoromethane (S)		122 %		82-122	1		09/13/07 18:30	1868-53-7	
4-Bromofluorobenzene (S)		106 %		73-120	1		09/13/07 18:30	460-00-4	
Toluene-d8 (S)		98 %		80-120	1		09/13/07 18:30	2037-26-5	

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: TB-1(090407)RW		Lab ID: 506918036	Collected: 09/04/07 10:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		09/13/07 19:03	67-64-1	
Benzene	ND	ug/L	5.0	1		09/13/07 19:03	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		09/13/07 19:03	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/13/07 19:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/13/07 19:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/13/07 19:03	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		09/13/07 19:03	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/13/07 19:03	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/13/07 19:03	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/13/07 19:03	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/13/07 19:03	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/13/07 19:03	74-87-3	
Cyclohexane	ND	ug/L	100	1		09/13/07 19:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		09/13/07 19:03	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		09/13/07 19:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/13/07 19:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/13/07 19:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/13/07 19:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/13/07 19:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/13/07 19:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 19:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 19:03	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/13/07 19:03	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		09/13/07 19:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/13/07 19:03	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		09/13/07 19:03	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		09/13/07 19:03	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		09/13/07 19:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/13/07 19:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/13/07 19:03	1634-04-4	
Styrene	ND	ug/L	5.0	1		09/13/07 19:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/13/07 19:03	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/13/07 19:03	127-18-4	
Toluene	ND	ug/L	5.0	1		09/13/07 19:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/13/07 19:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/13/07 19:03	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/13/07 19:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/13/07 19:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		09/13/07 19:03	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		09/13/07 19:03	75-01-4	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: TB-1(090407)RW		Lab ID: 506918036	Collected: 09/04/07 10:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		09/13/07 19:03	1330-20-7	
Dibromofluoromethane (S)	119	%	82-122	1		09/13/07 19:03	1868-53-7	
4-Bromofluorobenzene (S)	106	%	73-120	1		09/13/07 19:03	460-00-4	
Toluene-d8 (S)	99	%	80-120	1		09/13/07 19:03	2037-26-5	

ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: TB-1(090507)RW		Lab ID: 506918037	Collected: 09/05/07 07:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		09/13/07 19:36	67-64-1	
Benzene	ND	ug/L	5.0	1		09/13/07 19:36	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		09/13/07 19:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		09/13/07 19:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		09/13/07 19:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		09/13/07 19:36	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		09/13/07 19:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		09/13/07 19:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		09/13/07 19:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		09/13/07 19:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		09/13/07 19:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		09/13/07 19:36	74-87-3	
Cyclohexane	ND	ug/L	100	1		09/13/07 19:36	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		09/13/07 19:36	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		09/13/07 19:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		09/13/07 19:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		09/13/07 19:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		09/13/07 19:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		09/13/07 19:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		09/13/07 19:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		09/13/07 19:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 19:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		09/13/07 19:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		09/13/07 19:36	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		09/13/07 19:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		09/13/07 19:36	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		09/13/07 19:36	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		09/13/07 19:36	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		09/13/07 19:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		09/13/07 19:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		09/13/07 19:36	1634-04-4	
Styrene	ND	ug/L	5.0	1		09/13/07 19:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		09/13/07 19:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		09/13/07 19:36	127-18-4	
Toluene	ND	ug/L	5.0	1		09/13/07 19:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		09/13/07 19:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		09/13/07 19:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		09/13/07 19:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		09/13/07 19:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		09/13/07 19:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		09/13/07 19:36	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		09/13/07 19:36	75-01-4	

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ANALYTICAL RESULTS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

Sample: TB-1(090507)RW		Lab ID: 506918037	Collected: 09/05/07 07:20	Received: 09/06/07 09:18	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		09/13/07 19:36	1330-20-7	
Dibromofluoromethane (S)	121	%	82-122	1		09/13/07 19:36	1868-53-7	
4-Bromofluorobenzene (S)	106	%	73-120	1		09/13/07 19:36	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		09/13/07 19:36	2037-26-5	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch: PMST/1658 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 506918001, 506918002, 506918003, 506918004, 506918005, 506918006, 506918007

SAMPLE DUPLICATE: 74568

Parameter	Units	507006021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	16.1	4	5	

SAMPLE DUPLICATE: 74569

Parameter	Units	506918007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.5	6.9	9	5	R2

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch: PMST/1659 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 506918008, 506918009, 506918010, 506918011, 506918012, 506918013, 506918014, 506918015, 506918016, 506918017, 506918018, 506918019, 506918020, 506918021, 506918022, 506918023, 506918024, 506918025, 506918026, 506918027

SAMPLE DUPLICATE: 74574

Parameter	Units	506918010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.1	6.2	13	5	R2

SAMPLE DUPLICATE: 74575

Parameter	Units	506918027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.1	6.5	8	5	R2

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch:	PMST/1660	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	506918028, 506918029, 506918030, 506918031, 506918032, 506918033		

SAMPLE DUPLICATE: 74578

Parameter	Units	506918028 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.6	8.4	10	5	R2

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch:	MSV/4674	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	506918001, 506918004, 506918005, 506918006, 506918007, 506918010, 506918013, 506918015, 506918019, 506918021, 506918022, 506918024, 506918028, 506918031		

METHOD BLANK: 75781

Associated Lab Samples: 506918001, 506918003, 506918004, 506918005, 506918006, 506918007, 506918010, 506918013, 506918015, 506918019, 506918021, 506918022, 506918024, 506918028, 506918030, 506918031

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

METHOD BLANK: 75781

Associated Lab Samples: 506918001, 506918003, 506918004, 506918005, 506918006, 506918007, 506918010, 506918013, 506918015, 506918019, 506918021, 506918022, 506918024, 506918028, 506918030, 506918031

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	104	82-130	
Toluene-d8 (S)	%	97	81-120	

LABORATORY CONTROL SAMPLE: 75782

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	43.9	88	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.5	113	68-130	
1,1,2-Trichloroethane	ug/kg	50	52.2	104	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	60.9	122	70-130	
1,1-Dichloroethane	ug/kg	50	48.6	97	68-128	
1,1-Dichloroethene	ug/kg	50	46.4	93	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	52.5	105	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	46.7	93	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	50.1	100	71-126	
1,2-Dichlorobenzene	ug/kg	50	50.8	102	72-128	
1,2-Dichloroethane	ug/kg	50	53.6	107	63-130	
1,2-Dichloropropane	ug/kg	50	53.8	108	73-124	
1,3-Dichlorobenzene	ug/kg	50	54.0	108	73-130	
1,4-Dichlorobenzene	ug/kg	50	50.0	100	71-125	
2-Butanone (MEK)	ug/kg	250	506	202	59-150 L0	
2-Hexanone	ug/kg	250	427	171	46-150 L0	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	293	117	54-146	
Acetone	ug/kg	250	739	295	41-150 L0	
Benzene	ug/kg	50	51.9	104	72-129	
Bromodichloromethane	ug/kg	50	52.3	105	71-128	
Bromoform	ug/kg	50	45.7	91	62-124	
Bromomethane	ug/kg	50	38.7	77	45-144	
Carbon disulfide	ug/kg	100	97.1	97	63-171	
Carbon tetrachloride	ug/kg	50	45.0	90	59-130	
Chlorobenzene	ug/kg	50	48.8	98	73-125	
Chloroethane	ug/kg	50	56.7	113	60-140	
Chloroform	ug/kg	50	53.1	106	67-127	
Chloromethane	ug/kg	50	54.4	109	38-141	
cis-1,2-Dichloroethene	ug/kg	50	52.0	104	76-132	
cis-1,3-Dichloropropene	ug/kg	50	44.7	89	61-114	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

LABORATORY CONTROL SAMPLE: 75782

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyclohexane	ug/kg	50	51.1J	102	65-133	
Dibromochloromethane	ug/kg	50	50.2	100	70-131	
Dichlorodifluoromethane	ug/kg	50	72.5	145	50-179	
Ethylbenzene	ug/kg	50	50.7	101	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	52.3	105	72-128	
Methyl acetate	ug/kg	50	59.9	120	50-150	
Methyl-tert-butyl ether	ug/kg	100	77.8	78	66-139	
Methylcyclohexane	ug/kg	50	52.9	106	50-150	
Methylene chloride	ug/kg	50	47.3	95	48-121	
Styrene	ug/kg	50	52.3	105	75-125	
Tetrachloroethene	ug/kg	50	41.7	83	55-123	
Toluene	ug/kg	50	52.7	105	75-127	
trans-1,2-Dichloroethene	ug/kg	50	51.1	102	71-131	
trans-1,3-Dichloropropene	ug/kg	50	43.8	88	62-114	
Trichloroethene	ug/kg	50	49.8	100	72-123	
Trichlorofluoromethane	ug/kg	50	64.9	130	62-150	
Vinyl chloride	ug/kg	50	52.5	105	54-136	
Xylene (Total)	ug/kg	150	144	96	70-130	
4-Bromofluorobenzene (S)	%			100	65-117	
Dibromofluoromethane (S)	%			105	82-130	
Toluene-d8 (S)	%			99	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75783 75784

Parameter	Units	506918010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	41700	41700	36100	37300	86	89	50-122	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	41700	41700	42600	45200	102	108	50-157	6	20	
1,1,2-Trichloroethane	ug/kg	ND	41700	41700	43000	44900	103	108	50-144	4	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	41700	41700	51300	53200	123	127	50-150	4	20	
1,1-Dichloroethane	ug/kg	ND	41700	41700	37200	39500	89	95	53-121	6	20	
1,1-Dichloroethene	ug/kg	ND	41700	41700	39200	41600	94	99	44-146	6	20	
1,2,4-Trichlorobenzene	ug/kg	ND	41700	41700	35100	35100	84	84	50-110	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	41700	41700	34300	36000	82	86	50-133	5	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	41700	41700	40300	42400	96	101	50-136	5	20	
1,2-Dichlorobenzene	ug/kg	ND	41700	41700	38300	38900	92	93	50-125	2	20	
1,2-Dichloroethane	ug/kg	ND	41700	41700	43500	45100	104	108	28-138	3	20	
1,2-Dichloropropane	ug/kg	ND	41700	41700	41800	44000	100	105	33-130	5	20	
1,3-Dichlorobenzene	ug/kg	ND	41700	41700	39600	39400	95	94	50-128	0	20	
1,4-Dichlorobenzene	ug/kg	ND	41700	41700	36500	36100	87	86	50-123	1	20	
2-Butanone (MEK)	ug/kg	ND	209000	209000	324000	325000	155	156	26-150	0	20 M0	
2-Hexanone	ug/kg	ND	209000	209000	283000	278000	135	133	50-150	2	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	209000	209000	219000	231000	105	111	36-149	5	20	
Acetone	ug/kg	ND	209000	209000	495000	462000	237	221	60-174	7	20 M0	
Benzene	ug/kg	ND	41700	41700	40200	42600	96	102	31-138	6	20	
Bromodichloromethane	ug/kg	ND	41700	41700	43900	43800	105	105	25-130	0	20	
Bromoform	ug/kg	ND	41700	41700	35300	37800	84	90	50-129	7	20	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75783 75784											
Parameter	Units	506918010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Bromomethane	ug/kg	ND	41700	41700	31400	37300	75	89	29-137	17	20
Carbon disulfide	ug/kg	ND	83500	83500	77100	80000	92	96	42-167	4	20
Carbon tetrachloride	ug/kg	ND	41700	41700	38400	39500	92	95	31-125	3	20
Chlorobenzene	ug/kg	ND	41700	41700	39200	40100	94	96	50-138	2	20
Chloroethane	ug/kg	ND	41700	41700	46100	48800	110	117	59-133	6	20
Chloroform	ug/kg	ND	41700	41700	42900	44400	103	106	41-123	3	20
Chloromethane	ug/kg	ND	41700	41700	43700	47400	105	114	45-118	8	20
cis-1,2-Dichloroethene	ug/kg	ND	41700	41700	39100	41800	94	100	43-136	7	20
cis-1,3-Dichloropropene	ug/kg	ND	41700	41700	34200	36300	82	87	50-125	6	20
Cyclohexane	ug/kg	ND	41700	41700	40700J	41500J	98	99	51-122	2	20
Dibromochloromethane	ug/kg	ND	41700	41700	40100	41700	96	100	50-137	4	20
Dichlorodifluoromethane	ug/kg	ND	41700	41700	66700	69000	160	165	25-171	3	20
Ethylbenzene	ug/kg	ND	41700	41700	41200	40800	99	98	50-148	1	20
Isopropylbenzene (Cumene)	ug/kg	ND	41700	41700	42300	42000	101	101	50-139	1	20
Methyl acetate	ug/kg	ND	41700	41700	45000	50900	108	122	50-150	12	20
Methyl-tert-butyl ether	ug/kg	ND	83500	83500	62800	69300	75	83	31-158	10	20
Methylcyclohexane	ug/kg	ND	41700	41700	43800	45300	105	108	50-150	3	20
Methylene chloride	ug/kg	ND	41700	41700	37700	37800	90	91	36-113	0	20
Styrene	ug/kg	ND	41700	41700	41100	42200	98	101	50-133	3	20
Tetrachloroethene	ug/kg	ND	41700	41700	33100	34000	79	81	50-123	3	20
Toluene	ug/kg	ND	41700	41700	41500	42300	99	101	50-145	2	20
trans-1,2-Dichloroethene	ug/kg	ND	41700	41700	39600	41000	95	98	45-135	4	20
trans-1,3-Dichloropropene	ug/kg	ND	41700	41700	33900	37000	81	88	50-123	9	20
Trichloroethene	ug/kg	173000	41700	41700	237000	237000	152	152	50-138	0	20 MO
Trichlorofluoromethane	ug/kg	ND	41700	41700	56400	57700	135	138	43-154	2	20
Vinyl chloride	ug/kg	ND	41700	41700	44400	46600	106	112	49-134	5	20
Xylene (Total)	ug/kg	ND	125000	125000	114000	114000	91	91	50-152	0	20
4-Bromofluorobenzene (S)	%						100	103	65-117		20
Dibromofluoromethane (S)	%						107	107	82-130		20
Toluene-d8 (S)	%						98	100	81-120		20

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch:	MSV/4675	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	506918002, 506918008, 506918009, 506918011, 506918012, 506918014, 506918017, 506918018, 506918023, 506918025, 506918026, 506918027, 506918029, 506918032, 506918033		

METHOD BLANK: 75785

Associated Lab Samples: 506918002, 506918008, 506918009, 506918011, 506918012, 506918014, 506918016, 506918017, 506918018, 506918020, 506918023, 506918025, 506918026, 506918027, 506918029, 506918032, 506918033

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

METHOD BLANK: 75785

Associated Lab Samples: 506918002, 506918008, 506918009, 506918011, 506918012, 506918014, 506918016, 506918017, 506918018, 506918020, 506918023, 506918025, 506918026, 506918027, 506918029, 506918032, 506918033

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	112	82-130	
Toluene-d8 (S)	%	99	81-120	

LABORATORY CONTROL SAMPLE: 75786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.2	94	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	53.0	106	68-130	
1,1,2-Trichloroethane	ug/kg	50	53.2	106	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	65.7	131	70-130	L0
1,1-Dichloroethane	ug/kg	50	49.7	99	68-128	
1,1-Dichloroethene	ug/kg	50	51.1	102	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	47.4	95	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	43.5	87	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	51.9	104	71-126	
1,2-Dichlorobenzene	ug/kg	50	50.2	100	72-128	
1,2-Dichloroethane	ug/kg	50	57.3	115	63-130	
1,2-Dichloropropane	ug/kg	50	55.0	110	73-124	
1,3-Dichlorobenzene	ug/kg	50	53.3	107	73-130	
1,4-Dichlorobenzene	ug/kg	50	47.8	96	71-125	
2-Butanone (MEK)	ug/kg	250	354	142	59-150	
2-Hexanone	ug/kg	250	292	117	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	277	111	54-146	
Acetone	ug/kg	250	492	197	41-150	L0
Benzene	ug/kg	50	53.8	108	72-129	
Bromodichloromethane	ug/kg	50	55.5	111	71-128	
Bromoform	ug/kg	50	44.5	89	62-124	
Bromomethane	ug/kg	50	44.7	89	45-144	
Carbon disulfide	ug/kg	100	101	101	63-171	
Carbon tetrachloride	ug/kg	50	49.2	98	59-130	
Chlorobenzene	ug/kg	50	50.1	100	73-125	
Chloroethane	ug/kg	50	60.5	121	60-140	
Chloroform	ug/kg	50	55.2	110	67-127	
Chloromethane	ug/kg	50	60.0	120	38-141	
cis-1,2-Dichloroethene	ug/kg	50	51.7	103	76-132	
cis-1,3-Dichloropropene	ug/kg	50	42.8	86	61-114	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

LABORATORY CONTROL SAMPLE: 75786

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyclohexane	ug/kg	50	53J	106	65-133	
Dibromochloromethane	ug/kg	50	50.9	102	70-131	
Dichlorodifluoromethane	ug/kg	50	80.7	161	50-179	
Ethylbenzene	ug/kg	50	52.9	106	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	55.4	111	72-128	
Methyl acetate	ug/kg	50	62.0	124	50-150	
Methyl-tert-butyl ether	ug/kg	100	81.6	82	66-139	
Methylcyclohexane	ug/kg	50	56.9	114	50-150	
Methylene chloride	ug/kg	50	49.4	99	48-121	
Styrene	ug/kg	50	53.4	107	75-125	
Tetrachloroethene	ug/kg	50	43.0	86	55-123	
Toluene	ug/kg	50	54.6	109	75-127	
trans-1,2-Dichloroethene	ug/kg	50	51.1	102	71-131	
trans-1,3-Dichloropropene	ug/kg	50	42.1	84	62-114	
Trichloroethene	ug/kg	50	52.5	105	72-123	
Trichlorofluoromethane	ug/kg	50	73.2	146	62-150	
Vinyl chloride	ug/kg	50	57.7	115	54-136	
Xylene (Total)	ug/kg	150	149	100	70-130	
4-Bromofluorobenzene (S)	%			99	65-117	
Dibromofluoromethane (S)	%			108	82-130	
Toluene-d8 (S)	%			98	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75787 75788

Parameter	Units	506918027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	41200	41200	39300	37200	95	90	50-122	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	41200	41200	46500	43800	113	106	50-157	6	20	
1,1,2-Trichloroethane	ug/kg	ND	41200	41200	44300	44800	107	109	50-144	1	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	41200	41200	55300	53000	134	128	50-150	4	20	
1,1-Dichloroethane	ug/kg	ND	41200	41200	40300	39300	98	95	53-121	2	20	
1,1-Dichloroethene	ug/kg	ND	41200	41200	40500	38400	98	93	44-146	5	20	
1,2,4-Trichlorobenzene	ug/kg	ND	41200	41200	20000	19000	48	46	50-110	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	41200	41200	38500	37500	93	91	50-133	3	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	41200	41200	42100	43000	102	104	50-136	2	20	
1,2-Dichlorobenzene	ug/kg	ND	41200	41200	28000	25900	68	63	50-125	8	20	
1,2-Dichloroethane	ug/kg	ND	41200	41200	49500	47100	120	114	28-138	5	20	
1,2-Dichloropropane	ug/kg	ND	41200	41200	43800	42200	106	102	33-130	4	20	
1,3-Dichlorobenzene	ug/kg	ND	41200	41200	24200	21300	59	52	50-128	13	20	
1,4-Dichlorobenzene	ug/kg	ND	41200	41200	23100	20900	56	51	50-123	10	20	
2-Butanone (MEK)	ug/kg	ND	207000	207000	319000	349000	154	169	26-150	9	20	
2-Hexanone	ug/kg	ND	207000	207000	280000	293000	136	142	50-150	5	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	207000	207000	261000	263000	127	128	36-149	1	20	
Acetone	ug/kg	ND	207000	207000	406000	492000	197	238	60-174	19	20	
Benzene	ug/kg	ND	41200	41200	41700	38700	101	94	31-138	8	20	
Bromodichloromethane	ug/kg	ND	41200	41200	44500	43300	108	105	25-130	3	20	
Bromoform	ug/kg	ND	41200	41200	35200	35300	85	85	50-129	0	20	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 75787 75788											
Parameter	Units	506918027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Bromomethane	ug/kg	ND	41200	41200	29300	33600	71	81	29-137	14	20
Carbon disulfide	ug/kg	ND	82500	82500	73300	69800	89	85	42-167	5	20
Carbon tetrachloride	ug/kg	ND	41200	41200	38500	37200	93	90	31-125	4	20
Chlorobenzene	ug/kg	ND	41200	41200	31900	29900	77	73	50-138	6	20
Chloroethane	ug/kg	ND	41200	41200	49500	46100	120	112	59-133	7	20
Chloroform	ug/kg	ND	41200	41200	45400	43600	110	106	41-123	4	20
Chloromethane	ug/kg	ND	41200	41200	47100	47700	114	116	45-118	1	20
cis-1,2-Dichloroethene	ug/kg	ND	41200	41200	40500	39800	98	96	43-136	2	20
cis-1,3-Dichloropropene	ug/kg	ND	41200	41200	33100	31400	80	76	50-125	5	20
Cyclohexane	ug/kg	ND	41200	41200	40900J	37100J	99	90	51-122	10	20
Dibromochloromethane	ug/kg	ND	41200	41200	41600	40300	101	98	50-137	3	20
Dichlorodifluoromethane	ug/kg	ND	41200	41200	74500	72700	181	176	25-171	2	20 4d
Ethylbenzene	ug/kg	ND	41200	41200	30500	26500	74	64	50-148	14	20
Isopropylbenzene (Cumene)	ug/kg	ND	41200	41200	28700	24100	69	58	50-139	17	20
Methyl acetate	ug/kg	ND	41200	41200	55400	55600	134	135	50-150	0	20
Methyl-tert-butyl ether	ug/kg	ND	82500	82500	70900	74300	86	90	31-158	5	20
Methylcyclohexane	ug/kg	ND	41200	41200	41200	38200	100	93	50-150	7	20
Methylene chloride	ug/kg	16500	41200	41200	56200	56500	96	97	36-113	1	20
Styrene	ug/kg	ND	41200	41200	32900	30100	80	73	50-133	9	20
Tetrachloroethene	ug/kg	ND	41200	41200	27100	22900	66	55	50-123	17	20
Toluene	ug/kg	ND	41200	41200	36600	33100	89	80	50-145	10	20
trans-1,2-Dichloroethene	ug/kg	ND	41200	41200	38600	36400	94	88	45-135	6	20
trans-1,3-Dichloropropene	ug/kg	ND	41200	41200	32800	32500	79	79	50-123	1	20
Trichlorofluoromethane	ug/kg	ND	41200	41200	63400	59600	154	144	43-154	6	20
Vinyl chloride	ug/kg	ND	41200	41200	46700	44900	113	109	49-134	4	20
Xylene (Total)	ug/kg	ND	124000	124000	84100	72600	68	59	50-152	15	20
4-Bromofluorobenzene (S)	%						102	102	65-117		20
Dibromofluoromethane (S)	%						113	108	82-130		20
Toluene-d8 (S)	%						97	101	81-120		20

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch: MSV/4692

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 506918016, 506918020, 506918030

METHOD BLANK: 76567

Associated Lab Samples: 506918016, 506918020, 506918030

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

METHOD BLANK: 76567

Associated Lab Samples: 506918016, 506918020, 506918030

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	114	82-130	
Toluene-d8 (S)	%	94	81-120	

LABORATORY CONTROL SAMPLE: 76568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	46.4	93	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.3	113	68-130	
1,1,2-Trichloroethane	ug/kg	50	54.5	109	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	60.9	122	70-130	
1,1-Dichloroethane	ug/kg	50	46.6	93	68-128	
1,1-Dichloroethene	ug/kg	50	47.0	94	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	53.1	106	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	43.7	87	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	52.3	105	71-126	
1,2-Dichlorobenzene	ug/kg	50	51.8	104	72-128	
1,2-Dichloroethane	ug/kg	50	57.4	115	63-130	
1,2-Dichloropropane	ug/kg	50	54.4	109	73-124	
1,3-Dichlorobenzene	ug/kg	50	54.1	108	73-130	
1,4-Dichlorobenzene	ug/kg	50	50.2	100	71-125	
2-Butanone (MEK)	ug/kg	250	452	181	59-150 L0	
2-Hexanone	ug/kg	250	383	153	46-150 L0	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	284	114	54-146	
Acetone	ug/kg	250	672	269	41-150 L0	
Benzene	ug/kg	50	50.8	102	72-129	
Bromodichloromethane	ug/kg	50	56.5	113	71-128	
Bromoform	ug/kg	50	45.8	92	62-124	
Bromomethane	ug/kg	50	37.4	75	45-144	
Carbon disulfide	ug/kg	100	90.1	90	63-171	
Carbon tetrachloride	ug/kg	50	50.0	100	59-130	
Chlorobenzene	ug/kg	50	49.9	100	73-125	
Chloroethane	ug/kg	50	54.0	108	60-140	
Chloroform	ug/kg	50	54.6	109	67-127	
Chloromethane	ug/kg	50	54.4	109	38-141	
cis-1,2-Dichloroethene	ug/kg	50	47.2	94	76-132	
cis-1,3-Dichloropropene	ug/kg	50	43.4	87	61-114	
Cyclohexane	ug/kg	50	48.7J	97	65-133	
Dibromochloromethane	ug/kg	50	50.8	102	70-131	
Dichlorodifluoromethane	ug/kg	50	74.3	149	50-179	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

LABORATORY CONTROL SAMPLE: 76568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	51.6	103	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	55.6	111	72-128	
Methyl acetate	ug/kg	50	57.1	114	50-150	
Methyl-tert-butyl ether	ug/kg	100	80.2	80	66-139	
Methylcyclohexane	ug/kg	50	51.5	103	50-150	
Methylene chloride	ug/kg	50	45.1	90	48-121	
Styrene	ug/kg	50	53.8	108	75-125	
Tetrachloroethene	ug/kg	50	41.9	84	55-123	
Toluene	ug/kg	50	51.6	103	75-127	
trans-1,2-Dichloroethene	ug/kg	50	47.8	96	71-131	
trans-1,3-Dichloropropene	ug/kg	50	44.2	88	62-114	
Trichloroethene	ug/kg	50	50.0	100	72-123	
Trichlorofluoromethane	ug/kg	50	70.8	142	62-150	
Vinyl chloride	ug/kg	50	52.4	105	54-136	
Xylene (Total)	ug/kg	150	152	101	70-130	
4-Bromofluorobenzene (S)	%			102	65-117	
Dibromofluoromethane (S)	%			111	82-130	
Toluene-d8 (S)	%			97	81-120	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch:	MSV/4705	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples: 506918034, 506918035, 506918036, 506918037			

METHOD BLANK: 76745

Associated Lab Samples: 506918034, 506918035, 506918036, 506918037

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Hexanone	ug/L	ND	25.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Cyclohexane	ug/L	ND	100	
Dibromochloromethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl acetate	ug/L	ND	50.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylcyclohexane	ug/L	ND	50.0	
Methylene chloride	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

METHOD BLANK: 76745

Associated Lab Samples: 506918034, 506918035, 506918036, 506918037

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	105	73-120	
Dibromofluoromethane (S)	%	120	82-122	
Toluene-d8 (S)	%	98	80-120	

LABORATORY CONTROL SAMPLE: 76746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.9	108	70-128	
1,1,2,2-Tetrachloroethane	ug/L	50	56.8	114	66-134	
1,1,2-Trichloroethane	ug/L	50	58.3	117	71-131	
1,1,2-Trichlorotrifluoroethane	ug/L	50	66.7	133	70-130	L3
1,1-Dichloroethane	ug/L	50	47.1	94	72-125	
1,1-Dichloroethene	ug/L	50	56.4	113	66-140	
1,2,4-Trichlorobenzene	ug/L	50	54.7	109	61-129	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	62-128	
1,2-Dibromoethane (EDB)	ug/L	50	56.0	112	70-130	
1,2-Dichlorobenzene	ug/L	50	54.2	108	72-129	
1,2-Dichloroethane	ug/L	50	58.8	118	66-131	
1,2-Dichloropropane	ug/L	50	55.5	111	72-125	
1,3-Dichlorobenzene	ug/L	50	54.4	109	74-128	
1,4-Dichlorobenzene	ug/L	50	53.1	106	72-124	
2-Butanone (MEK)	ug/L	250	376	150	44-150	
2-Hexanone	ug/L	250	364	146	38-150	
4-Methyl-2-pentanone (MIBK)	ug/L	250	291	116	55-142	
Acetone	ug/L	250	410	164	29-150	L3
Benzene	ug/L	50	54.5	109	75-126	
Bromodichloromethane	ug/L	50	59.1	118	70-130	
Bromoform	ug/L	50	50.8	102	63-127	
Bromomethane	ug/L	50	48.8	98	43-146	
Carbon disulfide	ug/L	100	142	142	52-172	
Carbon tetrachloride	ug/L	50	58.4	117	65-125	
Chlorobenzene	ug/L	50	51.8	104	74-123	
Chloroethane	ug/L	50	36.7	73	61-141	
Chloroform	ug/L	50	56.3	113	68-127	
Chloromethane	ug/L	50	51.5	103	42-138	
cis-1,2-Dichloroethene	ug/L	50	54.7	109	77-132	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	60-119	
Cyclohexane	ug/L	50	63J	126	57-140	
Dibromochloromethane	ug/L	50	55.6	111	72-133	
Dichlorodifluoromethane	ug/L	50	56.1	112	50-179	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

LABORATORY CONTROL SAMPLE: 76746

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	50	53.9	108	70-129	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	74-126	
Methyl acetate	ug/L	50	77.5	155	50-150	
Methyl-tert-butyl ether	ug/L	100	130	130	68-139	
Methylcyclohexane	ug/L	50	62.1	124	50-150	
Methylene chloride	ug/L	50	44.5	89	50-119	
Styrene	ug/L	50	56.0	112	75-125	
Tetrachloroethene	ug/L	50	41.2	82	55-121	
Toluene	ug/L	50	52.3	105	72-126	
trans-1,2-Dichloroethene	ug/L	50	53.1	106	73-131	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	59-119	
Trichloroethene	ug/L	50	54.2	108	73-123	
Trichlorofluoromethane	ug/L	50	51.1	102	65-145	
Vinyl chloride	ug/L	50	52.3	105	54-139	
Xylene (Total)	ug/L	150	156	104	72-127	
4-Bromofluorobenzene (S)	%			103	73-120	
Dibromofluoromethane (S)	%			104	82-122	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE SAMPLE: 76747

Parameter	Units	507029001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	50	58.8	118	63-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	53.0	106	59-139	
1,1,2-Trichloroethane	ug/L	ND	50	53.4	107	64-136	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	50	73.8	148	70-130	MO
1,1-Dichloroethane	ug/L	ND	50	50.1	100	67-129	
1,1-Dichloroethene	ug/L	ND	50	62.3	125	59-150	
1,2,4-Trichlorobenzene	ug/L	ND	50	54.6	109	34-137	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	56.1	112	31-151	
1,2-Dibromoethane (EDB)	ug/L	ND	50	51.8	104	64-132	
1,2-Dichlorobenzene	ug/L	ND	50	52.1	104	52-136	
1,2-Dichloroethane	ug/L	ND	50	57.7	115	62-134	
1,2-Dichloropropane	ug/L	ND	50	54.9	110	67-128	
1,3-Dichlorobenzene	ug/L	ND	50	51.1	102	47-139	
1,4-Dichlorobenzene	ug/L	ND	50	50.8	102	46-135	
2-Butanone (MEK)	ug/L	ND	250	277	111	54-148	
2-Hexanone	ug/L	ND	250	278	111	60-140	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	272	109	56-147	
Acetone	ug/L	ND	250	271	108	27-163	
Benzene	ug/L	ND	50	56.3	113	66-135	
Bromodichloromethane	ug/L	ND	50	60.0	120	60-135	
Bromoform	ug/L	ND	50	46.1	92	50-127	
Bromomethane	ug/L	ND	50	42.9	86	32-148	
Carbon disulfide	ug/L	ND	100	150	150	46-173	
Carbon tetrachloride	ug/L	ND	50	63.9	128	51-130	
Chlorobenzene	ug/L	ND	50	51.0	102	59-135	

Date: 09/20/2007 04:14 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

MATRIX SPIKE SAMPLE:		76747					
Parameter	Units	507029001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	ND	50	73.3	147	58-153	
Chloroform	ug/L	ND	50	58.2	116	61-133	
Chloromethane	ug/L	ND	50	47.0	94	44-135	
cis-1,2-Dichloroethene	ug/L	ND	50	56.8	114	75-133	
cis-1,3-Dichloropropene	ug/L	ND	50	46.3	93	51-121	
Cyclohexane	ug/L	ND	50	68.5J	137	51-146	
Dibromochloromethane	ug/L	ND	50	51.9	104	56-139	
Dichlorodifluoromethane	ug/L	ND	50	63.8	128	25-175	
Ethylbenzene	ug/L	ND	50	53.7	107	59-143	
Isopropylbenzene (Cumene)	ug/L	ND	50	51.7	103	48-139	
Methyl acetate	ug/L	ND	50	52.9	106	50-150	
Methyl-tert-butyl ether	ug/L	ND	100	124	124	62-147	
Methylcyclohexane	ug/L	ND	50	64.2	128	50-150	
Methylene chloride	ug/L	ND	50	45.2	90	46-119	
Styrene	ug/L	ND	50	53.5	107	53-133	
Tetrachloroethene	ug/L	ND	50	40.9	82	40-127	
Toluene	ug/L	ND	50	52.3	105	63-137	
trans-1,2-Dichloroethene	ug/L	ND	50	56.1	112	70-134	
trans-1,3-Dichloropropene	ug/L	ND	50	44.9	90	49-121	
Trichloroethene	ug/L	ND	50	55.3	111	61-131	
Trichlorofluoromethane	ug/L	ND	50	58.4	117	64-146	
Vinyl chloride	ug/L	ND	50	56.0	112	54-140	
Xylene (Total)	ug/L	ND	150	152	101	54-140	
4-Bromofluorobenzene (S)	%				102	73-120	
Dibromofluoromethane (S)	%				105	82-122	
Toluene-d8 (S)	%				98	80-120	

QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

QC Batch: MSV/4762

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 506918003

METHOD BLANK: 77972

Associated Lab Samples: 506918003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

METHOD BLANK: 77972

Associated Lab Samples: 506918003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromofluorobenzene (S)	%	96	65-117	
Dibromofluoromethane (S)	%	100	82-130	
Toluene-d8 (S)	%	101	81-120	

LABORATORY CONTROL SAMPLE: 77973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	40.7	81	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.6	85	68-130	
1,1,2-Trichloroethane	ug/kg	50	43.9	88	72-129	
1,1-Dichloroethane	ug/kg	50	39.2	78	68-128	
1,1-Dichloroethene	ug/kg	50	43.2	86	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	41.7	83	59-132	
1,2-Dibromoethane (EDB)	ug/kg	50	43.9	88	71-126	
1,2-Dichlorobenzene	ug/kg	50	41.1	82	72-128	
1,2-Dichloroethane	ug/kg	50	39.7	79	63-130	
1,2-Dichloropropane	ug/kg	50	42.0	84	73-124	
1,3-Dichlorobenzene	ug/kg	50	42.4	85	73-130	
1,4-Dichlorobenzene	ug/kg	50	43.3	87	71-125	
2-Butanone (MEK)	ug/kg	250	326	131	59-150	
2-Hexanone	ug/kg	250	264	105	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	218	87	54-146	
Acetone	ug/kg	250	428	171	41-150	L3
Benzene	ug/kg	50	43.8	88	72-129	
Bromodichloromethane	ug/kg	50	41.2	82	71-128	
Bromoform	ug/kg	50	44.2	88	62-124	
Bromomethane	ug/kg	50	38.3	77	45-144	
Carbon disulfide	ug/kg	100	87.3	87	63-171	
Carbon tetrachloride	ug/kg	50	38.1	76	59-130	
Chlorobenzene	ug/kg	50	41.5	83	73-125	
Chloroethane	ug/kg	50	50.3	101	60-140	
Chloroform	ug/kg	50	42.5	85	67-127	
Chloromethane	ug/kg	50	43.0	86	38-141	
cis-1,2-Dichloroethene	ug/kg	50	46.5	93	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.6	81	61-114	
Dibromochloromethane	ug/kg	50	44.8	90	70-131	
Dichlorodifluoromethane	ug/kg	50	42.1	84	50-179	
Ethylbenzene	ug/kg	50	44.7	89	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	43.2	86	72-128	
Methyl-tert-butyl ether	ug/kg	100	69.7	70	66-139	
Methylene chloride	ug/kg	50	29.7	59	48-121	
Styrene	ug/kg	50	43.9	88	75-125	
Tetrachloroethene	ug/kg	50	37.6	75	55-123	
Toluene	ug/kg	50	45.3	91	75-127	
trans-1,2-Dichloroethene	ug/kg	50	43.1	86	71-131	

Date: 09/20/2007 04:14 PM

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QUALITY CONTROL DATA

Project: Former GM Delco Plant 5

Pace Project No.: 506918

LABORATORY CONTROL SAMPLE: 77973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	41.2	82	62-114	
Trichloroethene	ug/kg	50	40.7	81	72-123	
Trichlorofluoromethane	ug/kg	50	44.4	89	62-150	
Vinyl chloride	ug/kg	50	42.9	86	54-136	
Xylene (Total)	ug/kg	150	127	85	70-130	
4-Bromofluorobenzene (S)	%			102	65-117	
Dibromofluoromethane (S)	%			104	82-130	
Toluene-d8 (S)	%			103	81-120	

QUALIFIERS

Project: Former GM Delco Plant 5

Pace Project No.: 506918

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
D4	Sample was diluted due to the presence of high levels of target analytes.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery was outside laboratory control limits.
R2	RPD value was outside control limits due to matrix interference
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
1d	Multiple analyses indicate non-homogenous sample. JLF 9/18/07.
2d	Compound reported from second analysis ran on 9/13/07 14:19. JLF 9/14/07.
3d	Compound not confirmed due to sample matrix. JLF 9/13/07.
4d	Multiple compounds are outside acceptance limits, refer to LCS for system control and data acceptability. JLF 9/11/07.



ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: ARCADIS, Report To: Mark Fishenkeller, Address: 851 E. 04th St., Invoice To: Terry Smiley, etc.

PAGE 1 OF 4

Laboratory: PACE, Laboratory Location: Indianapolis, Laboratory Contact: Donna Spiker, etc.

ID # NO 04259, SSOW Ref Code: E020006

* No Spaces

Table with columns: Sample Identification, Matrix Code, Date Collected, Time Collected, # Containers, Unpreserved, HCl, H2SO4, HNO3, NaOH, Other, VOCs, Analysis and Method, Remarks/Lab ID

SHIPMENT METHOD, NO. OF COOLERS, RELINQUISHED BY / AFFILIATION, DATE, TIME, RECEIVED BY / AFFILIATION, DATE, TIME

Sample Condition: 5.6°C, Temp in C: 6°C, Received on Ice: Y, Sealed Cooler: Y, Samples Intact: C, Additional Comments: No Spaces in Sample names.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: AREADIS	Report To: MARK BREWER KEVICK
Address: 251 E. OHIO ST	Copy To:
STE. 800	Invoice To: TERRY SWELEY
TEMPUS, IL 46204	P.O.: IL 743.2.2
Phone: 317-231-6500	Project Name: Remediation of the Former DuPont Plant
Fax: 317-231-6514	Project Number: IL 743.2.2
E-mail:	

PAGE **2** OF **3**

Laboratory: PAC
Laboratory Location: Indianapolis
Laboratory Contact: Debra Sarker
Requested Due Date: Level II
TAT: STAND

ID # Nº 04257
SSOW Ref Code: E020006

Sample Identification:

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative HCl H2SO4 HNO3 NaOH Other:	Analysis and Method	Remarks/Lab ID
1. SB-0745 (12-14)		SO	9-4-07	1205	4	X		VOCs	016
2. SB-0746 (12-14)				1326	4	X			017
3. SB-0743 (12-14)				1427	4	X			018
4. SB-0744 (10-2)				1347	4	X			019
5. SB-0744 (8-10)				1355	4	X			020
6. SB-0747 (12-14)				1335	4	X			021
7. SB-0742 (10-2)				1528	4	X			022
8. SB-0742 (8-10)				1540	4	X			023
9. SB-0748 (14-15)				1640	4	X			024
10. SB-0749 (14-15)				1518	4	X			025
11. SB-0750 (14-15)				1612	4	X			026
12. SB-0751 (14-15)				1712	12	X			MS/MSD 027
13. SB-0706 (10-2)				1724	4	X			028
14. SB-0706 (8-10)				1733	4	X			029
15. SB-0752 (14-15)				1759	4	X			030

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME

AIRBILL NO.	2	Propanox Corp / AREADIS	9/6/07	0918	Zekun Fan	9/6/07	918

Sample Conditioning

Temp in C	6C
Received on Ice	Y N
Sealed Cooler	Y N
Samples Intact	Y N

Additional Comments: **NO SPACES IN SAMPLE NAME**

Sampler Name: Randy Williams	Date: 9-4-07
Sampler Signature: <i>[Signature]</i>	

Client Distribution: **WHITE - Fully Executed Copy**

YELLOW - Receiving Laboratory Copy

PINK - Sampler Copy



ANCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: PRECARS	Report To: MARK FENBERGER
Address: 851 E. Ohio St	Copy To:
Srte. 800	Invoice To: TERRY SMILEY
ELMERS, TN 37620	P.O.: ELM 743.2.2
Phone: 317-231-6500	Project Name: ELMERS 6m Geo Plots
Fax: 317-231-6574	Project Number: ELM743.2.2
E-mail:	

PAGE **3** OF **3**

Laboratory: PAGE
Laboratory Location: INDUSTRIALS
Laboratory Contact: DEWNA SPEDER
Requested Due Date: TAT: STUD.
QA/QC Requirements: LEVEL III

ID #	Nº	04260
SSOW Ref. Code	E020006	

Sample Identification:

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SF Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative					Analysis and Method	Remarks/Lab ID	
							HCl	H2SO4	HNO3	NaOH	Other:			
1. SB-0762 (8-10)		80	9-5-07	1317	4	X						VOCs	031	
2. FD-1 (090407) RW		50	9-4-07	1427	4	X							032	
3. FD-1 (090507) RW		50	9-5-07	1145	4	X							033	
4. ED-1 (090407) RW		50Q	9-4-07	1820	3		X						034	
5. GS-1 (090507) RW		50Q	9-5-07	1835	3		X						035	
6. TB-1 (090407) RW		50Q	9-4-07	1020	3		X						036	
7. TD-1 (090507) RW		50Q	9-5-07	0720	3		X						037	
8.														
9.														
10.														
11.														
12.														
13.														
14.														
15.														

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RECEIVED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
	2	Sharon Cox / PRECARS	9/6/07	0910	Sharon Cox	9/6/07	918

AIRBILL NO.

Sample Condition

Temp in C	6C
Received on Ice	Y
Sealed Cooler	Y
Samples Intact	Y

Additional Comments:

5.6°C
WL 160
Client Data

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 106/04

Sampler Name	Sharon Cox
Sampler Signature	<i>[Signature]</i>
Date	9-5-07

Sample Condition Upon Receipt



Client Name: ARCADIS

Project # 506918

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no



Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☒ Other _____

Thermometer Used Yes #3

Type of Ice: ☒ Wet ☐ Blue ☐ None

☐ Samples on ice, cooling process has begun

Cooler Temperature 6°C, 5.6°C

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 9/6/07 ZI

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☐ No ☒ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☐ No ☒ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☒ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	15.
Trip Blank Present:	☒ Yes ☐ No ☐ N/A	16.
Trip Blank Custody Seals Present	☒ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):	<u>N/A</u>	

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

[Signature]

Date: 9/6/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

December 05, 2007

Ms. Susan Scrocchi
Conestoga-Rovers and Associates
2055 Niagara Falls Blvd
Suite 2
Niagara Falls, NY 14304

RE: Project: Kokomo IN743.2.2
Pace Project No.: 509466

Dear Ms. Scrocchi:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Donna Spyker

dspyker@pacelabs.com
Project Manager

Illinois/NELAC Certification Number: 100418

Indiana Certification Number: C-49-06

Kansas Certification Number: E-10247

Kentucky Certification Number: 0042

Ohio VAP: CL0065

Pennsylvania: 68-00791

West Virginia Certification Number: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Lab ID	Sample ID	Matrix	Date Collected	Date Received
509466001	SB-0763(8-10)	Solid	11/19/07 09:55	11/20/07 14:40
509466002	SB-0763(14-15)	Solid	11/19/07 10:00	11/20/07 14:40
509466003	SB-0764(0-2)	Solid	11/19/07 10:10	11/20/07 14:40
509466004	SB-0765(0-2)	Solid	11/19/07 10:20	11/20/07 14:40
509466005	SB-0765(8-10)	Solid	11/19/07 10:24	11/20/07 14:40
509466006	SB-0765(14-15)	Solid	11/19/07 10:30	11/20/07 14:40
509466007	SB-0766(0-2)	Solid	11/19/07 10:43	11/20/07 14:40
509466008	SB-0766(8-10)	Solid	11/19/07 10:45	11/20/07 14:40
509466009	SB-0766(14-15)	Solid	11/19/07 10:48	11/20/07 14:40
509466010	SB-0768(0-2)	Solid	11/19/07 11:00	11/20/07 14:40
509466011	SB-0768(8-10)	Solid	11/19/07 11:04	11/20/07 14:40
509466012	SB-0768(14-15)	Solid	11/19/07 11:08	11/20/07 14:40
509466013	SB-0767(8-10)	Solid	11/19/07 11:20	11/20/07 14:40
509466014	SB-0767(14-15)	Solid	11/19/07 11:24	11/20/07 14:40
509466015	SB-0769(0-2)	Solid	11/19/07 11:35	11/20/07 14:40
509466016	SB-0769(12-14)	Solid	11/19/07 11:40	11/20/07 14:40
509466017	SB-0773(0-2)	Solid	11/19/07 11:51	11/20/07 14:40
509466018	SB-0773(8-10)	Solid	11/19/07 11:56	11/20/07 14:40
509466019	SB-0773(14-15)	Solid	11/19/07 12:00	11/20/07 14:40
509466020	FD-1(111907)-RW	Solid	11/19/07 00:00	11/20/07 14:40
509466021	FD-2(111907)-RW	Solid	11/19/07 00:00	11/20/07 14:40
509466022	SB-0774(14-15)	Solid	11/19/07 12:45	11/20/07 14:40
509466023	SB-0775(0-2)	Solid	11/19/07 12:58	11/20/07 14:40
509466024	SB-0775(8-10)	Solid	11/19/07 13:01	11/20/07 14:40
509466025	SB-0775(14-15)	Solid	11/19/07 13:05	11/20/07 14:40
509466026	SB-0776(14-15)	Solid	11/19/07 13:15	11/20/07 14:40
509466027	SB-0770(8-10)	Solid	11/19/07 13:35	11/20/07 14:40
509466028	SB-0770(14-15)	Solid	11/19/07 13:37	11/20/07 14:40
509466029	FD-3(111907)-RW	Solid	11/19/07 00:00	11/20/07 14:40
509466030	SB-0771(8-10)	Solid	11/19/07 13:48	11/20/07 14:40
509466031	SB-0771(14-15)	Solid	11/19/07 13:51	11/20/07 14:40
509466032	SB-0772(0-2)	Solid	11/19/07 14:05	11/20/07 14:40
509466033	SB-0772(8-10)	Solid	11/19/07 14:07	11/20/07 14:40
509466034	SB-0772(14-15)	Solid	11/19/07 14:09	11/20/07 14:40
509466035	SB-0777(0-2)	Solid	11/19/07 14:23	11/20/07 14:40
509466036	SB-0777(8-10)	Solid	11/19/07 14:25	11/20/07 14:40
509466037	SB-0777(14-15)	Solid	11/19/07 14:27	11/20/07 14:40

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SAMPLE SUMMARY

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Lab ID	Sample ID	Matrix	Date Collected	Date Received
509466038	SB-0778(8-10)	Solid	11/19/07 14:36	11/20/07 14:40
509466039	SB-0778(14-15)	Solid	11/19/07 14:39	11/20/07 14:40
509466040	SB-0786(8-10)	Solid	11/19/07 15:05	11/20/07 14:40
509466041	SB-0786(14-15)	Solid	11/19/07 15:09	11/20/07 14:40
509466042	SB-0785(0-2)	Solid	11/19/07 15:17	11/20/07 14:40
509466043	SB-0785(8-10)	Solid	11/19/07 15:19	11/20/07 14:40
509466044	SB-0785(14-15)	Solid	11/19/07 15:21	11/20/07 14:40
509466045	SB-0784(0-2)	Solid	11/19/07 15:37	11/20/07 14:40
509466046	SB-0784(8-10)	Solid	11/19/07 15:39	11/20/07 14:40
509466047	SB-0784(14-15)	Solid	11/19/07 15:41	11/20/07 14:40
509466048	SB-0783(8-10)	Solid	11/19/07 15:58	11/20/07 14:40
509466049	SB-0783(14-15)	Solid	11/19/07 16:00	11/20/07 14:40
509466050	SB-0779(8-10)	Solid	11/20/07 07:47	11/20/07 14:40
509466051	SB-0779(14-15)	Solid	11/20/07 07:52	11/20/07 14:40
509466052	SB-0780(8-10)	Solid	11/20/07 08:00	11/20/07 14:40
509466053	SB-0780(14-15)	Solid	11/20/07 08:03	11/20/07 14:40
509466054	SB-0781(8-10)	Solid	11/20/07 08:15	11/20/07 14:40
509466055	SB-0781(14-15)	Solid	11/20/07 08:17	11/20/07 14:40
509466056	SB-0782(8-10)	Solid	11/20/07 08:28	11/20/07 14:40
509466057	SB-0782(14-15)	Solid	11/20/07 08:30	11/20/07 14:40
509466058	SB-0787(0-2)	Solid	11/20/07 08:51	11/20/07 14:40
509466059	SB-0787(8-10)	Solid	11/20/07 08:53	11/20/07 14:40
509466060	SB-0787(14-15)	Solid	11/20/07 08:55	11/20/07 14:40
509466061	SB-0788(0-2)	Solid	11/20/07 09:13	11/20/07 14:40
509466062	SB-0788(8-10)	Solid	11/20/07 09:15	11/20/07 14:40
509466063	SB-0788(14-15)	Solid	11/20/07 09:17	11/20/07 14:40
509466064	EB-1(112007)-RW	Water	11/20/07 09:25	11/20/07 14:40
509466065	EB-2(112007)-RW	Water	11/20/07 09:25	11/20/07 14:40
509466066	EB-3(112007)-RW	Water	11/20/07 09:25	11/20/07 14:40
509466067	TB-1(112007)-RW	Water	11/20/07 00:00	11/20/07 14:40
509466068	TB-2(112007)-RW	Water	11/20/07 00:00	11/20/07 14:40
509466069	TB-3(112007)-RW	Water	11/20/07 00:00	11/20/07 14:40
509466070	TB-4(112007)-RW	Water	11/20/07 00:00	11/20/07 14:40

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SAMPLE ANALYTE COUNT

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Lab ID	Sample ID	Method	Analytes Reported
509466001	SB-0763(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466002	SB-0763(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466003	SB-0764(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466004	SB-0765(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466005	SB-0765(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466006	SB-0765(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466007	SB-0766(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466008	SB-0766(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466009	SB-0766(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466010	SB-0768(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466011	SB-0768(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466012	SB-0768(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466013	SB-0767(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466014	SB-0767(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466015	SB-0769(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466016	SB-0769(12-14)	ASTM D2974-87	1
		EPA 8260	51
509466017	SB-0773(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466018	SB-0773(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466019	SB-0773(14-15)	ASTM D2974-87	1

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SAMPLE ANALYTE COUNT

Project: Kokomo IN743.2.2
Pace Project No.: 509466

Lab ID	Sample ID	Method	Analytes Reported
509466020	FD-1(111907)-RW	EPA 8260	51
		ASTM D2974-87	1
509466021	FD-2(111907)-RW	EPA 8260	51
		ASTM D2974-87	1
509466022	SB-0774(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466023	SB-0775(0-2)	EPA 8260	51
		ASTM D2974-87	1
509466024	SB-0775(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466025	SB-0775(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466026	SB-0776(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466027	SB-0770(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466028	SB-0770(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466029	FD-3(111907)-RW	EPA 8260	51
		ASTM D2974-87	1
509466030	SB-0771(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466031	SB-0771(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466032	SB-0772(0-2)	EPA 8260	51
		ASTM D2974-87	1
509466033	SB-0772(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466034	SB-0772(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466035	SB-0777(0-2)	EPA 8260	51
		ASTM D2974-87	1
509466036	SB-0777(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466037	SB-0777(14-15)	EPA 8260	51
		ASTM D2974-87	1

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SAMPLE ANALYTE COUNT

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Lab ID	Sample ID	Method	Analytes Reported
509466038	SB-0778(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466039	SB-0778(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466040	SB-0786(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466041	SB-0786(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466042	SB-0785(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466043	SB-0785(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466044	SB-0785(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466045	SB-0784(0-2)	ASTM D2974-87	1
		EPA 8260	51
509466046	SB-0784(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466047	SB-0784(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466048	SB-0783(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466049	SB-0783(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466050	SB-0779(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466051	SB-0779(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466052	SB-0780(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466053	SB-0780(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466054	SB-0781(8-10)	ASTM D2974-87	1
		EPA 8260	51
509466055	SB-0781(14-15)	ASTM D2974-87	1
		EPA 8260	51
509466056	SB-0782(8-10)	ASTM D2974-87	1

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SAMPLE ANALYTE COUNT

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Lab ID	Sample ID	Method	Analytes Reported
509466057	SB-0782(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466058	SB-0787(0-2)	EPA 8260	51
		ASTM D2974-87	1
509466059	SB-0787(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466060	SB-0787(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466061	SB-0788(0-2)	EPA 8260	51
		ASTM D2974-87	1
509466062	SB-0788(8-10)	EPA 8260	51
		ASTM D2974-87	1
509466063	SB-0788(14-15)	EPA 8260	51
		ASTM D2974-87	1
509466064	EB-1(112007)-RW	EPA 8260	51
509466065	EB-2(112007)-RW	EPA 8260	51
509466066	EB-3(112007)-RW	EPA 8260	51
509466067	TB-1(112007)-RW	EPA 8260	51
509466068	TB-2(112007)-RW	EPA 8260	51
509466069	TB-3(112007)-RW	EPA 8260	51
509466070	TB-4(112007)-RW	EPA 8260	51

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0763(8-10) Lab ID: 509466001 Collected: 11/19/07 09:55 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	115	1		11/28/07 13:50	67-64-1	
Benzene	ND	ug/kg	5.7	1		11/28/07 13:50	71-43-2	
Bromodichloromethane	ND	ug/kg	5.7	1		11/28/07 13:50	75-27-4	
Bromoform	ND	ug/kg	5.7	1		11/28/07 13:50	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		11/28/07 13:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.7	1		11/28/07 13:50	78-93-3	
Carbon disulfide	ND	ug/kg	11.5	1		11/28/07 13:50	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		11/28/07 13:50	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		11/28/07 13:50	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	75-00-3	
Chloroform	ND	ug/kg	5.7	1		11/28/07 13:50	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		11/28/07 13:50	74-87-3	
Cyclohexane	ND	ug/kg	115	1		11/28/07 13:50	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	1		11/28/07 13:50	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	1		11/28/07 13:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		11/28/07 13:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		11/28/07 13:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		11/28/07 13:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		11/28/07 13:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		11/28/07 13:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		11/28/07 13:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		11/28/07 13:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		11/28/07 13:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		11/28/07 13:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		11/28/07 13:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		11/28/07 13:50	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		11/28/07 13:50	100-41-4	
2-Hexanone	ND	ug/kg	115	1		11/28/07 13:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		11/28/07 13:50	98-82-8	
Methyl acetate	ND	ug/kg	5.7	1		11/28/07 13:50	79-20-9	
Methylcyclohexane	ND	ug/kg	5.7	1		11/28/07 13:50	108-87-2	
Methylene chloride	ND	ug/kg	23.0	1		11/28/07 13:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.7	1		11/28/07 13:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		11/28/07 13:50	1634-04-4	
Styrene	ND	ug/kg	5.7	1		11/28/07 13:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		11/28/07 13:50	127-18-4	
Toluene	ND	ug/kg	5.7	1		11/28/07 13:50	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		11/28/07 13:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		11/28/07 13:50	79-00-5	
Trichloroethene	176	ug/kg	5.7	1		11/28/07 13:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	1		11/28/07 13:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.7	1		11/28/07 13:50	76-13-1	

Date: 12/05/2007 01:41 PM

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0763(8-10)** Lab ID: **509466001** Collected: 11/19/07 09:55 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.7	1		11/28/07 13:50	75-01-4	
Xylene (Total)	ND	ug/kg	11.5	1		11/28/07 13:50	1330-20-7	
Dibromofluoromethane (S)	107	%	82-130	1		11/28/07 13:50	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1		11/28/07 13:50	2037-26-5	
4-Bromofluorobenzene (S)	89	%	65-117	1		11/28/07 13:50	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.8	%	0.10	1		11/29/07 14:10		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0763(14-15) Lab ID: 509466002 Collected: 11/19/07 10:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	87.1	1		11/28/07 14:28	67-64-1	
Benzene	ND	ug/kg	4.4	1		11/28/07 14:28	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		11/28/07 14:28	75-27-4	
Bromoform	ND	ug/kg	4.4	1		11/28/07 14:28	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		11/28/07 14:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.8	1		11/28/07 14:28	78-93-3	
Carbon disulfide	ND	ug/kg	8.7	1		11/28/07 14:28	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		11/28/07 14:28	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		11/28/07 14:28	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	75-00-3	
Chloroform	ND	ug/kg	4.4	1		11/28/07 14:28	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		11/28/07 14:28	74-87-3	
Cyclohexane	ND	ug/kg	87.1	1		11/28/07 14:28	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		11/28/07 14:28	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		11/28/07 14:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		11/28/07 14:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 14:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 14:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 14:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		11/28/07 14:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	107-06-2	
1,1-Dichloroethene	2.1J	ug/kg	4.4	1		11/28/07 14:28	75-35-4	J
cis-1,2-Dichloroethene	20.1	ug/kg	4.4	1		11/28/07 14:28	156-59-2	
trans-1,2-Dichloroethene	23.4	ug/kg	4.4	1		11/28/07 14:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		11/28/07 14:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/28/07 14:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/28/07 14:28	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		11/28/07 14:28	100-41-4	
2-Hexanone	ND	ug/kg	87.1	1		11/28/07 14:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		11/28/07 14:28	98-82-8	
Methyl acetate	ND	ug/kg	4.4	1		11/28/07 14:28	79-20-9	
Methylcyclohexane	ND	ug/kg	4.4	1		11/28/07 14:28	108-87-2	
Methylene chloride	ND	ug/kg	17.4	1		11/28/07 14:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.8	1		11/28/07 14:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		11/28/07 14:28	1634-04-4	
Styrene	ND	ug/kg	4.4	1		11/28/07 14:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		11/28/07 14:28	127-18-4	
Toluene	ND	ug/kg	4.4	1		11/28/07 14:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		11/28/07 14:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		11/28/07 14:28	79-00-5	
Trichloroethene	88200	ug/kg	5460	1000		11/30/07 13:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		11/28/07 14:28	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		11/28/07 14:28	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0763(14-15)** Lab ID: **509466002** Collected: 11/19/07 10:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.4	1		11/28/07 14:28	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		11/28/07 14:28	1330-20-7	
Dibromofluoromethane (S)	100	%	82-130	1		11/28/07 14:28	1868-53-7	
Toluene-d8 (S)	103	%	81-120	1		11/28/07 14:28	2037-26-5	
4-Bromofluorobenzene (S)	84	%	65-117	1		11/28/07 14:28	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.5	%	0.10	1		11/29/07 14:10		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0764(0-2) Lab ID: 509466003 Collected: 11/19/07 10:10 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	83.8	1		11/28/07 15:06	67-64-1	
Benzene	ND	ug/kg	4.2	1		11/28/07 15:06	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		11/28/07 15:06	75-27-4	
Bromoform	ND	ug/kg	4.2	1		11/28/07 15:06	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		11/28/07 15:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.9	1		11/28/07 15:06	78-93-3	
Carbon disulfide	ND	ug/kg	8.4	1		11/28/07 15:06	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		11/28/07 15:06	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		11/28/07 15:06	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	75-00-3	
Chloroform	ND	ug/kg	4.2	1		11/28/07 15:06	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		11/28/07 15:06	74-87-3	
Cyclohexane	ND	ug/kg	83.8	1		11/28/07 15:06	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		11/28/07 15:06	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		11/28/07 15:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		11/28/07 15:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		11/28/07 15:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		11/28/07 15:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		11/28/07 15:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		11/28/07 15:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		11/28/07 15:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		11/28/07 15:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		11/28/07 15:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		11/28/07 15:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		11/28/07 15:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		11/28/07 15:06	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		11/28/07 15:06	100-41-4	
2-Hexanone	ND	ug/kg	83.8	1		11/28/07 15:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		11/28/07 15:06	98-82-8	
Methyl acetate	ND	ug/kg	4.2	1		11/28/07 15:06	79-20-9	
Methylcyclohexane	ND	ug/kg	4.2	1		11/28/07 15:06	108-87-2	
Methylene chloride	ND	ug/kg	16.8	1		11/28/07 15:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.9	1		11/28/07 15:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		11/28/07 15:06	1634-04-4	
Styrene	ND	ug/kg	4.2	1		11/28/07 15:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		11/28/07 15:06	127-18-4	
Toluene	ND	ug/kg	4.2	1		11/28/07 15:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		11/28/07 15:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		11/28/07 15:06	79-00-5	
Trichloroethene	2.4J	ug/kg	4.2	1		11/28/07 15:06	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.2	1		11/28/07 15:06	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		11/28/07 15:06	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0764(0-2)** Lab ID: **509466003** Collected: 11/19/07 10:10 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.2	1		11/28/07 15:06	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		11/28/07 15:06	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1		11/28/07 15:06	1868-53-7	
Toluene-d8 (S)	126	%	81-120	1		11/28/07 15:06	2037-26-5	S5
4-Bromofluorobenzene (S)	72	%	65-117	1		11/28/07 15:06	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.3	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0765(0-2) Lab ID: 509466004 Collected: 11/19/07 10:20 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	184	1		11/28/07 15:45	67-64-1	
Benzene	ND	ug/kg	9.2	1		11/28/07 15:45	71-43-2	
Bromodichloromethane	ND	ug/kg	9.2	1		11/28/07 15:45	75-27-4	
Bromoform	ND	ug/kg	9.2	1		11/28/07 15:45	75-25-2	
Bromomethane	ND	ug/kg	9.2	1		11/28/07 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	46.0	1		11/28/07 15:45	78-93-3	
Carbon disulfide	ND	ug/kg	18.4	1		11/28/07 15:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	9.2	1		11/28/07 15:45	56-23-5	
Chlorobenzene	ND	ug/kg	9.2	1		11/28/07 15:45	108-90-7	
Chloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	75-00-3	
Chloroform	ND	ug/kg	9.2	1		11/28/07 15:45	67-66-3	
Chloromethane	ND	ug/kg	9.2	1		11/28/07 15:45	74-87-3	
Cyclohexane	ND	ug/kg	184	1		11/28/07 15:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	1		11/28/07 15:45	96-12-8	
Dibromochloromethane	ND	ug/kg	9.2	1		11/28/07 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.2	1		11/28/07 15:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	9.2	1		11/28/07 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.2	1		11/28/07 15:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.2	1		11/28/07 15:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.2	1		11/28/07 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.2	1		11/28/07 15:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.2	1		11/28/07 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.2	1		11/28/07 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.2	1		11/28/07 15:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	9.2	1		11/28/07 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.2	1		11/28/07 15:45	10061-02-6	
Ethylbenzene	7.9J	ug/kg	9.2	1		11/28/07 15:45	100-41-4	J
2-Hexanone	ND	ug/kg	184	1		11/28/07 15:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.2	1		11/28/07 15:45	98-82-8	
Methyl acetate	ND	ug/kg	9.2	1		11/28/07 15:45	79-20-9	
Methylcyclohexane	ND	ug/kg	9.2	1		11/28/07 15:45	108-87-2	
Methylene chloride	ND	ug/kg	36.8	1		11/28/07 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.0	1		11/28/07 15:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.2	1		11/28/07 15:45	1634-04-4	
Styrene	ND	ug/kg	9.2	1		11/28/07 15:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	79-34-5	
Tetrachloroethene	ND	ug/kg	9.2	1		11/28/07 15:45	127-18-4	
Toluene	55.9	ug/kg	9.2	1		11/28/07 15:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	9.2	1		11/28/07 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.2	1		11/28/07 15:45	79-00-5	
Trichloroethene	ND	ug/kg	9.2	1		11/28/07 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	1		11/28/07 15:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	9.2	1		11/28/07 15:45	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0765(0-2)** Lab ID: **509466004** Collected: 11/19/07 10:20 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	9.2	1		11/28/07 15:45	75-01-4	
Xylene (Total)	60.4	ug/kg	18.4	1		11/28/07 15:45	1330-20-7	
Dibromofluoromethane (S)	101	%	82-130	1		11/28/07 15:45	1868-53-7	
Toluene-d8 (S)	101	%	81-120	1		11/28/07 15:45	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1		11/28/07 15:45	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.2	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0765(8-10) Lab ID: 509466005 Collected: 11/19/07 10:24 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	78.6	1		11/28/07 16:23	67-64-1	
Benzene	ND	ug/kg	3.9	1		11/28/07 16:23	71-43-2	
Bromodichloromethane	ND	ug/kg	3.9	1		11/28/07 16:23	75-27-4	
Bromoform	ND	ug/kg	3.9	1		11/28/07 16:23	75-25-2	
Bromomethane	ND	ug/kg	3.9	1		11/28/07 16:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.7	1		11/28/07 16:23	78-93-3	
Carbon disulfide	ND	ug/kg	7.9	1		11/28/07 16:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1		11/28/07 16:23	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1		11/28/07 16:23	108-90-7	
Chloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	75-00-3	
Chloroform	ND	ug/kg	3.9	1		11/28/07 16:23	67-66-3	
Chloromethane	ND	ug/kg	3.9	1		11/28/07 16:23	74-87-3	
Cyclohexane	ND	ug/kg	78.6	1		11/28/07 16:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	1		11/28/07 16:23	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1		11/28/07 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1		11/28/07 16:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1		11/28/07 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1		11/28/07 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1		11/28/07 16:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1		11/28/07 16:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.9	1		11/28/07 16:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1		11/28/07 16:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1		11/28/07 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1		11/28/07 16:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1		11/28/07 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1		11/28/07 16:23	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1		11/28/07 16:23	100-41-4	
2-Hexanone	ND	ug/kg	78.6	1		11/28/07 16:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		11/28/07 16:23	98-82-8	
Methyl acetate	ND	ug/kg	3.9	1		11/28/07 16:23	79-20-9	
Methylcyclohexane	ND	ug/kg	3.9	1		11/28/07 16:23	108-87-2	
Methylene chloride	ND	ug/kg	15.7	1		11/28/07 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.7	1		11/28/07 16:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		11/28/07 16:23	1634-04-4	
Styrene	ND	ug/kg	3.9	1		11/28/07 16:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		11/28/07 16:23	127-18-4	
Toluene	ND	ug/kg	3.9	1		11/28/07 16:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		11/28/07 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		11/28/07 16:23	79-00-5	
Trichloroethene	216	ug/kg	3.9	1		11/28/07 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1		11/28/07 16:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	1		11/28/07 16:23	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0765(8-10)** Lab ID: **509466005** Collected: 11/19/07 10:24 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.9	1		11/28/07 16:23	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	1		11/28/07 16:23	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		11/28/07 16:23	1868-53-7	
Toluene-d8 (S)	101	%	81-120	1		11/28/07 16:23	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		11/28/07 16:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	22.9	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0765(14-15) Lab ID: 509466006 Collected: 11/19/07 10:30 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	88.0	1		11/28/07 16:42	67-64-1	
Benzene	ND	ug/kg	4.4	1		11/28/07 16:42	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		11/28/07 16:42	75-27-4	
Bromoform	ND	ug/kg	4.4	1		11/28/07 16:42	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		11/28/07 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.0	1		11/28/07 16:42	78-93-3	
Carbon disulfide	ND	ug/kg	8.8	1		11/28/07 16:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		11/28/07 16:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		11/28/07 16:42	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	75-00-3	
Chloroform	ND	ug/kg	4.4	1		11/28/07 16:42	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		11/28/07 16:42	74-87-3	
Cyclohexane	ND	ug/kg	88.0	1		11/28/07 16:42	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		11/28/07 16:42	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		11/28/07 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		11/28/07 16:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		11/28/07 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		11/28/07 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		11/28/07 16:42	75-35-4	
cis-1,2-Dichloroethene	9960	ug/kg	1060	200		11/30/07 13:47	156-59-2	
trans-1,2-Dichloroethene	60.8	ug/kg	4.4	1		11/28/07 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		11/28/07 16:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/28/07 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/28/07 16:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		11/28/07 16:42	100-41-4	
2-Hexanone	ND	ug/kg	88.0	1		11/28/07 16:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		11/28/07 16:42	98-82-8	
Methyl acetate	ND	ug/kg	4.4	1		11/28/07 16:42	79-20-9	
Methylcyclohexane	ND	ug/kg	4.4	1		11/28/07 16:42	108-87-2	
Methylene chloride	ND	ug/kg	17.6	1		11/28/07 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.0	1		11/28/07 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		11/28/07 16:42	1634-04-4	
Styrene	ND	ug/kg	4.4	1		11/28/07 16:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		11/28/07 16:42	127-18-4	
Toluene	ND	ug/kg	4.4	1		11/28/07 16:42	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		11/28/07 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		11/28/07 16:42	79-00-5	
Trichloroethene	9.2	ug/kg	4.4	1		11/28/07 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		11/28/07 16:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		11/28/07 16:42	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0765(14-15)** Lab ID: **509466006** Collected: 11/19/07 10:30 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	16.1	ug/kg	4.4	1		11/28/07 16:42	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		11/28/07 16:42	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	1		11/28/07 16:42	1868-53-7	
Toluene-d8 (S)	100	%	81-120	1		11/28/07 16:42	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1		11/28/07 16:42	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.4	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0766(0-2) Lab ID: 509466007 Collected: 11/19/07 10:43 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	96.4	1		11/28/07 17:21	67-64-1	
Benzene	ND	ug/kg	4.8	1		11/28/07 17:21	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		11/28/07 17:21	75-27-4	
Bromoform	ND	ug/kg	4.8	1		11/28/07 17:21	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		11/28/07 17:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.1	1		11/28/07 17:21	78-93-3	
Carbon disulfide	ND	ug/kg	9.6	1		11/28/07 17:21	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		11/28/07 17:21	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		11/28/07 17:21	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	75-00-3	
Chloroform	ND	ug/kg	4.8	1		11/28/07 17:21	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		11/28/07 17:21	74-87-3	
Cyclohexane	ND	ug/kg	96.4	1		11/28/07 17:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		11/28/07 17:21	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		11/28/07 17:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		11/28/07 17:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		11/28/07 17:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		11/28/07 17:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		11/28/07 17:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		11/28/07 17:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		11/28/07 17:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		11/28/07 17:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		11/28/07 17:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		11/28/07 17:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		11/28/07 17:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		11/28/07 17:21	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		11/28/07 17:21	100-41-4	
2-Hexanone	ND	ug/kg	96.4	1		11/28/07 17:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		11/28/07 17:21	98-82-8	
Methyl acetate	ND	ug/kg	4.8	1		11/28/07 17:21	79-20-9	
Methylcyclohexane	ND	ug/kg	4.8	1		11/28/07 17:21	108-87-2	
Methylene chloride	ND	ug/kg	19.3	1		11/28/07 17:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.1	1		11/28/07 17:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		11/28/07 17:21	1634-04-4	
Styrene	ND	ug/kg	4.8	1		11/28/07 17:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		11/28/07 17:21	127-18-4	
Toluene	ND	ug/kg	4.8	1		11/28/07 17:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		11/28/07 17:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		11/28/07 17:21	79-00-5	
Trichloroethene	2.2J	ug/kg	4.8	1		11/28/07 17:21	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.8	1		11/28/07 17:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	1		11/28/07 17:21	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0766(0-2) Lab ID: 509466007 Collected: 11/19/07 10:43 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.8	1		11/28/07 17:21	75-01-4	
Xylene (Total)	ND	ug/kg	9.6	1		11/28/07 17:21	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	1		11/28/07 17:21	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		11/28/07 17:21	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		11/28/07 17:21	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.0	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0766(8-10) Lab ID: 509466008 Collected: 11/19/07 10:45 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	85.4	1		11/28/07 17:59	67-64-1	
Benzene	ND	ug/kg	4.3	1		11/28/07 17:59	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		11/28/07 17:59	75-27-4	
Bromoform	ND	ug/kg	4.3	1		11/28/07 17:59	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		11/28/07 17:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.3	1		11/28/07 17:59	78-93-3	
Carbon disulfide	ND	ug/kg	8.5	1		11/28/07 17:59	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		11/28/07 17:59	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		11/28/07 17:59	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	75-00-3	
Chloroform	ND	ug/kg	4.3	1		11/28/07 17:59	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		11/28/07 17:59	74-87-3	
Cyclohexane	ND	ug/kg	85.4	1		11/28/07 17:59	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		11/28/07 17:59	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		11/28/07 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		11/28/07 17:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		11/28/07 17:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		11/28/07 17:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		11/28/07 17:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		11/28/07 17:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	107-06-2	
1,1-Dichloroethene	31.4	ug/kg	4.3	1		11/28/07 17:59	75-35-4	
cis-1,2-Dichloroethene	693	ug/kg	149	25		11/29/07 13:12	156-59-2	
trans-1,2-Dichloroethene	29.5	ug/kg	4.3	1		11/28/07 17:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		11/28/07 17:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		11/28/07 17:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		11/28/07 17:59	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		11/28/07 17:59	100-41-4	
2-Hexanone	ND	ug/kg	85.4	1		11/28/07 17:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		11/28/07 17:59	98-82-8	
Methyl acetate	ND	ug/kg	4.3	1		11/28/07 17:59	79-20-9	
Methylcyclohexane	ND	ug/kg	4.3	1		11/28/07 17:59	108-87-2	
Methylene chloride	ND	ug/kg	17.1	1		11/28/07 17:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.3	1		11/28/07 17:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		11/28/07 17:59	1634-04-4	
Styrene	ND	ug/kg	4.3	1		11/28/07 17:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		11/28/07 17:59	127-18-4	
Toluene	ND	ug/kg	4.3	1		11/28/07 17:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		11/28/07 17:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		11/28/07 17:59	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		11/28/07 17:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		11/28/07 17:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		11/28/07 17:59	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0766(8-10)** Lab ID: **509466008** Collected: 11/19/07 10:45 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	233	ug/kg	4.3	1		11/28/07 17:59	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		11/28/07 17:59	1330-20-7	
Dibromofluoromethane (S)	113	%	82-130	1		11/28/07 17:59	1868-53-7	
Toluene-d8 (S)	101	%	81-120	1		11/28/07 17:59	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-117	1		11/28/07 17:59	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	16.0	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0766(14-15) Lab ID: 509466009 Collected: 11/19/07 10:48 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	37200	500		11/28/07 03:19	67-64-1	
Benzene	ND	ug/kg	1860	500		11/28/07 03:19	71-43-2	
Bromodichloromethane	ND	ug/kg	1860	500		11/28/07 03:19	75-27-4	
Bromoform	ND	ug/kg	1860	500		11/28/07 03:19	75-25-2	
Bromomethane	ND	ug/kg	1860	500		11/28/07 03:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9310	500		11/28/07 03:19	78-93-3	
Carbon disulfide	ND	ug/kg	3720	500		11/28/07 03:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	1860	500		11/28/07 03:19	56-23-5	
Chlorobenzene	ND	ug/kg	1860	500		11/28/07 03:19	108-90-7	
Chloroethane	ND	ug/kg	1860	500		11/28/07 03:19	75-00-3	
Chloroform	ND	ug/kg	1860	500		11/28/07 03:19	67-66-3	
Chloromethane	ND	ug/kg	1860	500		11/28/07 03:19	74-87-3	
Cyclohexane	ND	ug/kg	37200	500		11/28/07 03:19	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1860	500		11/28/07 03:19	96-12-8	
Dibromochloromethane	ND	ug/kg	1860	500		11/28/07 03:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1860	500		11/28/07 03:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1860	500		11/28/07 03:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1860	500		11/28/07 03:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1860	500		11/28/07 03:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1860	500		11/28/07 03:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1860	500		11/28/07 03:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1860	500		11/28/07 03:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1860	500		11/28/07 03:19	75-35-4	
cis-1,2-Dichloroethene	18600	ug/kg	1860	500		11/28/07 03:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1860	500		11/28/07 03:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1860	500		11/28/07 03:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	1860	500		11/28/07 03:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1860	500		11/28/07 03:19	10061-02-6	
Ethylbenzene	ND	ug/kg	1860	500		11/28/07 03:19	100-41-4	
2-Hexanone	ND	ug/kg	37200	500		11/28/07 03:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	1860	500		11/28/07 03:19	98-82-8	
Methyl acetate	ND	ug/kg	1860	500		11/28/07 03:19	79-20-9	
Methylcyclohexane	ND	ug/kg	1860	500		11/28/07 03:19	108-87-2	
Methylene chloride	ND	ug/kg	7450	500		11/28/07 03:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9310	500		11/28/07 03:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1860	500		11/28/07 03:19	1634-04-4	
Styrene	ND	ug/kg	1860	500		11/28/07 03:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1860	500		11/28/07 03:19	79-34-5	
Tetrachloroethene	ND	ug/kg	1860	500		11/28/07 03:19	127-18-4	
Toluene	ND	ug/kg	1860	500		11/28/07 03:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	1860	500		11/28/07 03:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1860	500		11/28/07 03:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1860	500		11/28/07 03:19	79-00-5	
Trichloroethene	881000	ug/kg	18600	5000		11/29/07 13:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1860	500		11/28/07 03:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1860	500		11/28/07 03:19	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0766(14-15) **Lab ID: 509466009** Collected: 11/19/07 10:48 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	1860	500		11/28/07 03:19	75-01-4	
Xylene (Total)	ND	ug/kg	3720	500		11/28/07 03:19	1330-20-7	
Dibromofluoromethane (S)	100	%	82-130	500		11/28/07 03:19	1868-53-7	1d
Toluene-d8 (S)	101	%	81-120	500		11/28/07 03:19	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	500		11/28/07 03:19	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.5	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0768(0-2) Lab ID: 509466010 Collected: 11/19/07 11:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	135	1		11/29/07 14:48	67-64-1	
Benzene	ND	ug/kg	6.8	1		11/29/07 14:48	71-43-2	
Bromodichloromethane	ND	ug/kg	6.8	1		11/29/07 14:48	75-27-4	
Bromoform	ND	ug/kg	6.8	1		11/29/07 14:48	75-25-2	
Bromomethane	ND	ug/kg	6.8	1		11/29/07 14:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	33.8	1		11/29/07 14:48	78-93-3	
Carbon disulfide	ND	ug/kg	13.5	1		11/29/07 14:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.8	1		11/29/07 14:48	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1		11/29/07 14:48	108-90-7	
Chloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	75-00-3	
Chloroform	ND	ug/kg	6.8	1		11/29/07 14:48	67-66-3	
Chloromethane	ND	ug/kg	6.8	1		11/29/07 14:48	74-87-3	
Cyclohexane	ND	ug/kg	135	1		11/29/07 14:48	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	1		11/29/07 14:48	96-12-8	
Dibromochloromethane	ND	ug/kg	6.8	1		11/29/07 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.8	1		11/29/07 14:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.8	1		11/29/07 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	1		11/29/07 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1		11/29/07 14:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.8	1		11/29/07 14:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.8	1		11/29/07 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	1		11/29/07 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	1		11/29/07 14:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	1		11/29/07 14:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1		11/29/07 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	1		11/29/07 14:48	10061-02-6	
Ethylbenzene	ND	ug/kg	6.8	1		11/29/07 14:48	100-41-4	
2-Hexanone	ND	ug/kg	135	1		11/29/07 14:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	1		11/29/07 14:48	98-82-8	
Methyl acetate	ND	ug/kg	6.8	1		11/29/07 14:48	79-20-9	
Methylcyclohexane	ND	ug/kg	6.8	1		11/29/07 14:48	108-87-2	
Methylene chloride	ND	ug/kg	27.0	1		11/29/07 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	33.8	1		11/29/07 14:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.8	1		11/29/07 14:48	1634-04-4	
Styrene	ND	ug/kg	6.8	1		11/29/07 14:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	1		11/29/07 14:48	127-18-4	
Toluene	ND	ug/kg	6.8	1		11/29/07 14:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6.8	1		11/29/07 14:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	1		11/29/07 14:48	79-00-5	
Trichloroethene	1.7J	ug/kg	6.8	1		11/29/07 14:48	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	6.8	1		11/29/07 14:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.8	1		11/29/07 14:48	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0768(0-2) Lab ID: 509466010 Collected: 11/19/07 11:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6.8	1		11/29/07 14:48	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	1		11/29/07 14:48	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1		11/29/07 14:48	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1		11/29/07 14:48	2037-26-5	
4-Bromofluorobenzene (S)	90	%	65-117	1		11/29/07 14:48	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.4	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0768(8-10) Lab ID: 509466011 Collected: 11/19/07 11:04 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	40500	500		11/29/07 15:26	67-64-1	
Benzene	ND	ug/kg	2020	500		11/29/07 15:26	71-43-2	
Bromodichloromethane	ND	ug/kg	2020	500		11/29/07 15:26	75-27-4	
Bromoform	ND	ug/kg	2020	500		11/29/07 15:26	75-25-2	
Bromomethane	ND	ug/kg	2020	500		11/29/07 15:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10100	500		11/29/07 15:26	78-93-3	
Carbon disulfide	ND	ug/kg	4050	500		11/29/07 15:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	2020	500		11/29/07 15:26	56-23-5	
Chlorobenzene	ND	ug/kg	2020	500		11/29/07 15:26	108-90-7	
Chloroethane	ND	ug/kg	2020	500		11/29/07 15:26	75-00-3	
Chloroform	ND	ug/kg	2020	500		11/29/07 15:26	67-66-3	
Chloromethane	ND	ug/kg	2020	500		11/29/07 15:26	74-87-3	
Cyclohexane	ND	ug/kg	40500	500		11/29/07 15:26	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2020	500		11/29/07 15:26	96-12-8	
Dibromochloromethane	ND	ug/kg	2020	500		11/29/07 15:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2020	500		11/29/07 15:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2020	500		11/29/07 15:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2020	500		11/29/07 15:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2020	500		11/29/07 15:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2020	500		11/29/07 15:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2020	500		11/29/07 15:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2020	500		11/29/07 15:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2020	500		11/29/07 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2020	500		11/29/07 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2020	500		11/29/07 15:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2020	500		11/29/07 15:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	2020	500		11/29/07 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2020	500		11/29/07 15:26	10061-02-6	
Ethylbenzene	ND	ug/kg	2020	500		11/29/07 15:26	100-41-4	
2-Hexanone	ND	ug/kg	40500	500		11/29/07 15:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2020	500		11/29/07 15:26	98-82-8	
Methyl acetate	ND	ug/kg	2020	500		11/29/07 15:26	79-20-9	
Methylcyclohexane	ND	ug/kg	2020	500		11/29/07 15:26	108-87-2	
Methylene chloride	ND	ug/kg	8090	500		11/29/07 15:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10100	500		11/29/07 15:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2020	500		11/29/07 15:26	1634-04-4	
Styrene	ND	ug/kg	2020	500		11/29/07 15:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2020	500		11/29/07 15:26	79-34-5	
Tetrachloroethene	ND	ug/kg	2020	500		11/29/07 15:26	127-18-4	
Toluene	ND	ug/kg	2020	500		11/29/07 15:26	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	2020	500		11/29/07 15:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2020	500		11/29/07 15:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2020	500		11/29/07 15:26	79-00-5	
Trichloroethene	25200	ug/kg	20200	5000		11/30/07 14:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2020	500		11/29/07 15:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2020	500		11/29/07 15:26	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0768(8-10) **Lab ID: 509466011** Collected: 11/19/07 11:04 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	2020	500		11/29/07 15:26	75-01-4	
Xylene (Total)	ND	ug/kg	4050	500		11/29/07 15:26	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	500		11/29/07 15:26	1868-53-7	2d
Toluene-d8 (S)	95	%	81-120	500		11/29/07 15:26	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	500		11/29/07 15:26	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.5	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0768(14-15) Lab ID: 509466012 Collected: 11/19/07 11:08 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	2560	25		11/29/07 16:04	67-64-1	
Benzene	ND	ug/kg	128	25		11/29/07 16:04	71-43-2	
Bromodichloromethane	ND	ug/kg	128	25		11/29/07 16:04	75-27-4	
Bromoform	ND	ug/kg	128	25		11/29/07 16:04	75-25-2	
Bromomethane	ND	ug/kg	128	25		11/29/07 16:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	640	25		11/29/07 16:04	78-93-3	
Carbon disulfide	ND	ug/kg	256	25		11/29/07 16:04	75-15-0	
Carbon tetrachloride	ND	ug/kg	128	25		11/29/07 16:04	56-23-5	
Chlorobenzene	ND	ug/kg	128	25		11/29/07 16:04	108-90-7	
Chloroethane	ND	ug/kg	128	25		11/29/07 16:04	75-00-3	
Chloroform	ND	ug/kg	128	25		11/29/07 16:04	67-66-3	
Chloromethane	ND	ug/kg	128	25		11/29/07 16:04	74-87-3	
Cyclohexane	ND	ug/kg	2560	25		11/29/07 16:04	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	128	25		11/29/07 16:04	96-12-8	
Dibromochloromethane	ND	ug/kg	128	25		11/29/07 16:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	128	25		11/29/07 16:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	128	25		11/29/07 16:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	128	25		11/29/07 16:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	128	25		11/29/07 16:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	128	25		11/29/07 16:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	128	25		11/29/07 16:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	128	25		11/29/07 16:04	107-06-2	
1,1-Dichloroethene	1210	ug/kg	128	25		11/29/07 16:04	75-35-4	
cis-1,2-Dichloroethene	14900	ug/kg	1020	200		11/30/07 14:44	156-59-2	
trans-1,2-Dichloroethene	603	ug/kg	128	25		11/29/07 16:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	128	25		11/29/07 16:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	128	25		11/29/07 16:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	128	25		11/29/07 16:04	10061-02-6	
Ethylbenzene	ND	ug/kg	128	25		11/29/07 16:04	100-41-4	
2-Hexanone	ND	ug/kg	2560	25		11/29/07 16:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	128	25		11/29/07 16:04	98-82-8	
Methyl acetate	ND	ug/kg	128	25		11/29/07 16:04	79-20-9	
Methylcyclohexane	ND	ug/kg	128	25		11/29/07 16:04	108-87-2	
Methylene chloride	ND	ug/kg	512	25		11/29/07 16:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	640	25		11/29/07 16:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	128	25		11/29/07 16:04	1634-04-4	
Styrene	ND	ug/kg	128	25		11/29/07 16:04	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	128	25		11/29/07 16:04	79-34-5	
Tetrachloroethene	ND	ug/kg	128	25		11/29/07 16:04	127-18-4	
Toluene	ND	ug/kg	128	25		11/29/07 16:04	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	128	25		11/29/07 16:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	128	25		11/29/07 16:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	128	25		11/29/07 16:04	79-00-5	
Trichloroethene	12000	ug/kg	1020	200		11/30/07 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	128	25		11/29/07 16:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	128	25		11/29/07 16:04	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0768(14-15)** Lab ID: **509466012** Collected: 11/19/07 11:08 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	128	25		11/29/07 16:04	75-01-4	
Xylene (Total)	ND	ug/kg	256	25		11/29/07 16:04	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	25		11/29/07 16:04	1868-53-7	D4
Toluene-d8 (S)	91	%	81-120	25		11/29/07 16:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%	65-117	25		11/29/07 16:04	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.1	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0767(8-10) Lab ID: 509466013 Collected: 11/19/07 11:20 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	91.1	1		11/29/07 16:42	67-64-1	
Benzene	ND	ug/kg	4.6	1		11/29/07 16:42	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		11/29/07 16:42	75-27-4	
Bromoform	ND	ug/kg	4.6	1		11/29/07 16:42	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		11/29/07 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.8	1		11/29/07 16:42	78-93-3	
Carbon disulfide	ND	ug/kg	9.1	1		11/29/07 16:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		11/29/07 16:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		11/29/07 16:42	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	75-00-3	
Chloroform	ND	ug/kg	4.6	1		11/29/07 16:42	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		11/29/07 16:42	74-87-3	
Cyclohexane	ND	ug/kg	91.1	1		11/29/07 16:42	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		11/29/07 16:42	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		11/29/07 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		11/29/07 16:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		11/29/07 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		11/29/07 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		11/29/07 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		11/29/07 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		11/29/07 16:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 16:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		11/29/07 16:42	100-41-4	
2-Hexanone	ND	ug/kg	91.1	1		11/29/07 16:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		11/29/07 16:42	98-82-8	
Methyl acetate	ND	ug/kg	4.6	1		11/29/07 16:42	79-20-9	
Methylcyclohexane	ND	ug/kg	4.6	1		11/29/07 16:42	108-87-2	
Methylene chloride	ND	ug/kg	18.2	1		11/29/07 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.8	1		11/29/07 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		11/29/07 16:42	1634-04-4	
Styrene	ND	ug/kg	4.6	1		11/29/07 16:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		11/29/07 16:42	127-18-4	
Toluene	ND	ug/kg	4.6	1		11/29/07 16:42	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		11/29/07 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 16:42	79-00-5	
Trichloroethene	724	ug/kg	112	25		11/30/07 15:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		11/29/07 16:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	1		11/29/07 16:42	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0767(8-10)** Lab ID: **509466013** Collected: 11/19/07 11:20 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.6	1		11/29/07 16:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		11/29/07 16:42	1330-20-7	
Dibromofluoromethane (S)	107	%	82-130	1		11/29/07 16:42	1868-53-7	
Toluene-d8 (S)	94	%	81-120	1		11/29/07 16:42	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-117	1		11/29/07 16:42	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.8	%	0.10	1		11/29/07 14:11		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0767(14-15) Lab ID: 509466014 Collected: 11/19/07 11:24 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	82.6	1		11/28/07 17:01	67-64-1	
Benzene	ND	ug/kg	4.1	1		11/28/07 17:01	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		11/28/07 17:01	75-27-4	
Bromoform	ND	ug/kg	4.1	1		11/28/07 17:01	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		11/28/07 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.7	1		11/28/07 17:01	78-93-3	
Carbon disulfide	ND	ug/kg	8.3	1		11/28/07 17:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		11/28/07 17:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		11/28/07 17:01	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	75-00-3	
Chloroform	ND	ug/kg	4.1	1		11/28/07 17:01	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		11/28/07 17:01	74-87-3	
Cyclohexane	ND	ug/kg	82.6	1		11/28/07 17:01	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		11/28/07 17:01	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		11/28/07 17:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		11/28/07 17:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		11/28/07 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		11/28/07 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		11/28/07 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		11/28/07 17:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		11/28/07 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		11/28/07 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		11/28/07 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		11/28/07 17:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		11/28/07 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		11/28/07 17:01	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		11/28/07 17:01	100-41-4	
2-Hexanone	ND	ug/kg	82.6	1		11/28/07 17:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		11/28/07 17:01	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		11/28/07 17:01	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		11/28/07 17:01	108-87-2	
Methylene chloride	ND	ug/kg	16.5	1		11/28/07 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.7	1		11/28/07 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		11/28/07 17:01	1634-04-4	
Styrene	ND	ug/kg	4.1	1		11/28/07 17:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		11/28/07 17:01	127-18-4	
Toluene	ND	ug/kg	4.1	1		11/28/07 17:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		11/28/07 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		11/28/07 17:01	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		11/28/07 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		11/28/07 17:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		11/28/07 17:01	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0767(14-15)** Lab ID: **509466014** Collected: 11/19/07 11:24 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		11/28/07 17:01	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	1		11/28/07 17:01	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1		11/28/07 17:01	1868-53-7	
Toluene-d8 (S)	102	%	81-120	1		11/28/07 17:01	2037-26-5	
4-Bromofluorobenzene (S)	82	%	65-117	1		11/28/07 17:01	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.0	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0769(0-2) Lab ID: 509466015 Collected: 11/19/07 11:35 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	111	1		11/28/07 17:40	67-64-1	
Benzene	ND	ug/kg	5.5	1		11/28/07 17:40	71-43-2	
Bromodichloromethane	ND	ug/kg	5.5	1		11/28/07 17:40	75-27-4	
Bromoform	ND	ug/kg	5.5	1		11/28/07 17:40	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		11/28/07 17:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.7	1		11/28/07 17:40	78-93-3	
Carbon disulfide	ND	ug/kg	11.1	1		11/28/07 17:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		11/28/07 17:40	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		11/28/07 17:40	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	75-00-3	
Chloroform	ND	ug/kg	5.5	1		11/28/07 17:40	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		11/28/07 17:40	74-87-3	
Cyclohexane	ND	ug/kg	111	1		11/28/07 17:40	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1		11/28/07 17:40	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1		11/28/07 17:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		11/28/07 17:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		11/28/07 17:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		11/28/07 17:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		11/28/07 17:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		11/28/07 17:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		11/28/07 17:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		11/28/07 17:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		11/28/07 17:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		11/28/07 17:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		11/28/07 17:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		11/28/07 17:40	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		11/28/07 17:40	100-41-4	
2-Hexanone	ND	ug/kg	111	1		11/28/07 17:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		11/28/07 17:40	98-82-8	
Methyl acetate	ND	ug/kg	5.5	1		11/28/07 17:40	79-20-9	
Methylcyclohexane	ND	ug/kg	5.5	1		11/28/07 17:40	108-87-2	
Methylene chloride	ND	ug/kg	22.2	1		11/28/07 17:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.7	1		11/28/07 17:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		11/28/07 17:40	1634-04-4	
Styrene	ND	ug/kg	5.5	1		11/28/07 17:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		11/28/07 17:40	127-18-4	
Toluene	ND	ug/kg	5.5	1		11/28/07 17:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		11/28/07 17:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		11/28/07 17:40	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		11/28/07 17:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		11/28/07 17:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.5	1		11/28/07 17:40	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0769(0-2) Lab ID: 509466015 Collected: 11/19/07 11:35 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.5	1		11/28/07 17:40	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		11/28/07 17:40	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/28/07 17:40	1868-53-7	
Toluene-d8 (S)	101	%	81-120	1		11/28/07 17:40	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	1		11/28/07 17:40	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.4	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0769(12-14) Lab ID: 509466016 Collected: 11/19/07 11:40 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.2	1		11/28/07 18:18	67-64-1	
Benzene	ND	ug/kg	4.9	1		11/28/07 18:18	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		11/28/07 18:18	75-27-4	
Bromoform	ND	ug/kg	4.9	1		11/28/07 18:18	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		11/28/07 18:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.5	1		11/28/07 18:18	78-93-3	
Carbon disulfide	ND	ug/kg	9.8	1		11/28/07 18:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		11/28/07 18:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		11/28/07 18:18	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	75-00-3	
Chloroform	ND	ug/kg	4.9	1		11/28/07 18:18	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		11/28/07 18:18	74-87-3	
Cyclohexane	ND	ug/kg	98.2	1		11/28/07 18:18	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		11/28/07 18:18	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		11/28/07 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		11/28/07 18:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		11/28/07 18:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		11/28/07 18:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		11/28/07 18:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		11/28/07 18:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		11/28/07 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/28/07 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/28/07 18:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		11/28/07 18:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/28/07 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/28/07 18:18	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		11/28/07 18:18	100-41-4	
2-Hexanone	ND	ug/kg	98.2	1		11/28/07 18:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		11/28/07 18:18	98-82-8	
Methyl acetate	ND	ug/kg	4.9	1		11/28/07 18:18	79-20-9	
Methylcyclohexane	ND	ug/kg	4.9	1		11/28/07 18:18	108-87-2	
Methylene chloride	ND	ug/kg	19.6	1		11/28/07 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.5	1		11/28/07 18:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		11/28/07 18:18	1634-04-4	
Styrene	ND	ug/kg	4.9	1		11/28/07 18:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		11/28/07 18:18	127-18-4	
Toluene	ND	ug/kg	4.9	1		11/28/07 18:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		11/28/07 18:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		11/28/07 18:18	79-00-5	
Trichloroethene	137	ug/kg	4.9	1		11/28/07 18:18	79-01-6	
Trichlorofluoromethane	11.4	ug/kg	4.9	1		11/28/07 18:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		11/28/07 18:18	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0769(12-14)** Lab ID: **509466016** Collected: 11/19/07 11:40 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.9	1		11/28/07 18:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		11/28/07 18:18	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/28/07 18:18	1868-53-7	
Toluene-d8 (S)	107	%	81-120	1		11/28/07 18:18	2037-26-5	
4-Bromofluorobenzene (S)	86	%	65-117	1		11/28/07 18:18	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.5	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0773(0-2) Lab ID: 509466017 Collected: 11/19/07 11:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	112	1		11/29/07 14:10	67-64-1	
Benzene	ND	ug/kg	5.6	1		11/29/07 14:10	71-43-2	
Bromodichloromethane	ND	ug/kg	5.6	1		11/29/07 14:10	75-27-4	
Bromoform	ND	ug/kg	5.6	1		11/29/07 14:10	75-25-2	
Bromomethane	ND	ug/kg	5.6	1		11/29/07 14:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.1	1		11/29/07 14:10	78-93-3	
Carbon disulfide	ND	ug/kg	11.2	1		11/29/07 14:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.6	1		11/29/07 14:10	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		11/29/07 14:10	108-90-7	
Chloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	75-00-3	
Chloroform	ND	ug/kg	5.6	1		11/29/07 14:10	67-66-3	
Chloromethane	ND	ug/kg	5.6	1		11/29/07 14:10	74-87-3	
Cyclohexane	ND	ug/kg	112	1		11/29/07 14:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	1		11/29/07 14:10	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		11/29/07 14:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		11/29/07 14:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		11/29/07 14:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		11/29/07 14:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		11/29/07 14:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.6	1		11/29/07 14:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		11/29/07 14:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		11/29/07 14:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		11/29/07 14:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		11/29/07 14:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		11/29/07 14:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		11/29/07 14:10	10061-02-6	
Ethylbenzene	ND	ug/kg	5.6	1		11/29/07 14:10	100-41-4	
2-Hexanone	ND	ug/kg	112	1		11/29/07 14:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		11/29/07 14:10	98-82-8	
Methyl acetate	ND	ug/kg	5.6	1		11/29/07 14:10	79-20-9	
Methylcyclohexane	ND	ug/kg	5.6	1		11/29/07 14:10	108-87-2	
Methylene chloride	ND	ug/kg	22.5	1		11/29/07 14:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.1	1		11/29/07 14:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		11/29/07 14:10	1634-04-4	
Styrene	ND	ug/kg	5.6	1		11/29/07 14:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		11/29/07 14:10	127-18-4	
Toluene	ND	ug/kg	5.6	1		11/29/07 14:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		11/29/07 14:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		11/29/07 14:10	79-00-5	
Trichloroethene	4.8J	ug/kg	5.6	1		11/29/07 14:10	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	5.6	1		11/29/07 14:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.6	1		11/29/07 14:10	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0773(0-2) Lab ID: 509466017 Collected: 11/19/07 11:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.6	1		11/29/07 14:10	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	1		11/29/07 14:10	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1		11/29/07 14:10	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		11/29/07 14:10	2037-26-5	
4-Bromofluorobenzene (S)	90	%	65-117	1		11/29/07 14:10	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	16.1	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0773(8-10) Lab ID: 509466018 Collected: 11/19/07 11:56 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.4	1		11/29/07 14:29	67-64-1	
Benzene	ND	ug/kg	4.9	1		11/29/07 14:29	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		11/29/07 14:29	75-27-4	
Bromoform	ND	ug/kg	4.9	1		11/29/07 14:29	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		11/29/07 14:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		11/29/07 14:29	78-93-3	
Carbon disulfide	ND	ug/kg	9.8	1		11/29/07 14:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		11/29/07 14:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		11/29/07 14:29	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	75-00-3	
Chloroform	ND	ug/kg	4.9	1		11/29/07 14:29	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		11/29/07 14:29	74-87-3	
Cyclohexane	ND	ug/kg	98.4	1		11/29/07 14:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		11/29/07 14:29	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		11/29/07 14:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		11/29/07 14:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 14:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 14:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 14:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		11/29/07 14:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 14:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 14:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 14:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		11/29/07 14:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/29/07 14:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/29/07 14:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		11/29/07 14:29	100-41-4	
2-Hexanone	ND	ug/kg	98.4	1		11/29/07 14:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		11/29/07 14:29	98-82-8	
Methyl acetate	ND	ug/kg	4.9	1		11/29/07 14:29	79-20-9	
Methylcyclohexane	ND	ug/kg	4.9	1		11/29/07 14:29	108-87-2	
Methylene chloride	ND	ug/kg	19.7	1		11/29/07 14:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		11/29/07 14:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		11/29/07 14:29	1634-04-4	
Styrene	ND	ug/kg	4.9	1		11/29/07 14:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		11/29/07 14:29	127-18-4	
Toluene	ND	ug/kg	4.9	1		11/29/07 14:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		11/29/07 14:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		11/29/07 14:29	79-00-5	
Trichloroethene	1.3J	ug/kg	4.9	1		11/29/07 14:29	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.9	1		11/29/07 14:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		11/29/07 14:29	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0773(8-10)** Lab ID: **509466018** Collected: 11/19/07 11:56 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.9	1		11/29/07 14:29	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		11/29/07 14:29	1330-20-7	
Dibromofluoromethane (S)	101	%	82-130	1		11/29/07 14:29	1868-53-7	
Toluene-d8 (S)	104	%	81-120	1		11/29/07 14:29	2037-26-5	
4-Bromofluorobenzene (S)	85	%	65-117	1		11/29/07 14:29	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	12.4	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0773(14-15) Lab ID: 509466019 Collected: 11/19/07 12:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	88.7	1		11/29/07 16:23	67-64-1	
Benzene	ND	ug/kg	4.4	1		11/29/07 16:23	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		11/29/07 16:23	75-27-4	
Bromoform	ND	ug/kg	4.4	1		11/29/07 16:23	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		11/29/07 16:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.2	1		11/29/07 16:23	78-93-3	
Carbon disulfide	ND	ug/kg	8.9	1		11/29/07 16:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		11/29/07 16:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		11/29/07 16:23	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	75-00-3	
Chloroform	ND	ug/kg	4.4	1		11/29/07 16:23	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		11/29/07 16:23	74-87-3	
Cyclohexane	ND	ug/kg	88.7	1		11/29/07 16:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		11/29/07 16:23	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		11/29/07 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		11/29/07 16:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		11/29/07 16:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		11/29/07 16:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		11/29/07 16:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		11/29/07 16:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		11/29/07 16:23	75-35-4	
cis-1,2-Dichloroethene	73.7	ug/kg	4.4	1		11/29/07 16:23	156-59-2	
trans-1,2-Dichloroethene	15.0	ug/kg	4.4	1		11/29/07 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		11/29/07 16:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/29/07 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/29/07 16:23	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		11/29/07 16:23	100-41-4	
2-Hexanone	ND	ug/kg	88.7	1		11/29/07 16:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		11/29/07 16:23	98-82-8	
Methyl acetate	ND	ug/kg	4.4	1		11/29/07 16:23	79-20-9	
Methylcyclohexane	ND	ug/kg	4.4	1		11/29/07 16:23	108-87-2	
Methylene chloride	ND	ug/kg	17.7	1		11/29/07 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.2	1		11/29/07 16:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		11/29/07 16:23	1634-04-4	
Styrene	ND	ug/kg	4.4	1		11/29/07 16:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		11/29/07 16:23	127-18-4	
Toluene	ND	ug/kg	4.4	1		11/29/07 16:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		11/29/07 16:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		11/29/07 16:23	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		11/29/07 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		11/29/07 16:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		11/29/07 16:23	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0773(14-15) Lab ID: 509466019 Collected: 11/19/07 12:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	1.8J	ug/kg	4.4	1		11/29/07 16:23	75-01-4	J
Xylene (Total)	ND	ug/kg	8.9	1		11/29/07 16:23	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/29/07 16:23	1868-53-7	
Toluene-d8 (S)	115	%	81-120	1		11/29/07 16:23	2037-26-5	
4-Bromofluorobenzene (S)	74	%	65-117	1		11/29/07 16:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.2	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: FD-1(111907)-RW Lab ID: 509466020 Collected: 11/19/07 00:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	92.1	1		11/29/07 17:01	67-64-1	
Benzene	ND	ug/kg	4.6	1		11/29/07 17:01	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		11/29/07 17:01	75-27-4	
Bromoform	ND	ug/kg	4.6	1		11/29/07 17:01	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		11/29/07 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.0	1		11/29/07 17:01	78-93-3	
Carbon disulfide	ND	ug/kg	9.2	1		11/29/07 17:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		11/29/07 17:01	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		11/29/07 17:01	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	75-00-3	
Chloroform	ND	ug/kg	4.6	1		11/29/07 17:01	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		11/29/07 17:01	74-87-3	
Cyclohexane	ND	ug/kg	92.1	1		11/29/07 17:01	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		11/29/07 17:01	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		11/29/07 17:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		11/29/07 17:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		11/29/07 17:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		11/29/07 17:01	75-35-4	
cis-1,2-Dichloroethene	38.5	ug/kg	4.6	1		11/29/07 17:01	156-59-2	
trans-1,2-Dichloroethene	8.0	ug/kg	4.6	1		11/29/07 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		11/29/07 17:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 17:01	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		11/29/07 17:01	100-41-4	
2-Hexanone	ND	ug/kg	92.1	1		11/29/07 17:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		11/29/07 17:01	98-82-8	
Methyl acetate	ND	ug/kg	4.6	1		11/29/07 17:01	79-20-9	
Methylcyclohexane	ND	ug/kg	4.6	1		11/29/07 17:01	108-87-2	
Methylene chloride	ND	ug/kg	18.4	1		11/29/07 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.0	1		11/29/07 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		11/29/07 17:01	1634-04-4	
Styrene	ND	ug/kg	4.6	1		11/29/07 17:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		11/29/07 17:01	127-18-4	
Toluene	ND	ug/kg	4.6	1		11/29/07 17:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		11/29/07 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 17:01	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		11/29/07 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		11/29/07 17:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	1		11/29/07 17:01	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: FD-1(111907)-RW **Lab ID:** 509466020 **Collected:** 11/19/07 00:00 **Received:** 11/20/07 14:40 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	1.4J	ug/kg	4.6	1		11/29/07 17:01	75-01-4	J
Xylene (Total)	ND	ug/kg	9.2	1		11/29/07 17:01	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/29/07 17:01	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		11/29/07 17:01	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	1		11/29/07 17:01	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.9	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: FD-2(111907)-RW Lab ID: 509466021 Collected: 11/19/07 00:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	1930	25		11/30/07 16:00	67-64-1	
Benzene	ND	ug/kg	96.5	25		11/30/07 16:00	71-43-2	
Bromodichloromethane	ND	ug/kg	96.5	25		11/30/07 16:00	75-27-4	
Bromoform	ND	ug/kg	96.5	25		11/30/07 16:00	75-25-2	
Bromomethane	ND	ug/kg	96.5	25		11/30/07 16:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	483	25		11/30/07 16:00	78-93-3	
Carbon disulfide	ND	ug/kg	193	25		11/30/07 16:00	75-15-0	
Carbon tetrachloride	ND	ug/kg	96.5	25		11/30/07 16:00	56-23-5	
Chlorobenzene	ND	ug/kg	96.5	25		11/30/07 16:00	108-90-7	
Chloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	75-00-3	
Chloroform	ND	ug/kg	96.5	25		11/30/07 16:00	67-66-3	
Chloromethane	ND	ug/kg	96.5	25		11/30/07 16:00	74-87-3	
Cyclohexane	ND	ug/kg	1930	25		11/30/07 16:00	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	96.5	25		11/30/07 16:00	96-12-8	
Dibromochloromethane	ND	ug/kg	96.5	25		11/30/07 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	96.5	25		11/30/07 16:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	96.5	25		11/30/07 16:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	96.5	25		11/30/07 16:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	96.5	25		11/30/07 16:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	96.5	25		11/30/07 16:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	96.5	25		11/30/07 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	96.5	25		11/30/07 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	96.5	25		11/30/07 16:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	96.5	25		11/30/07 16:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	96.5	25		11/30/07 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	96.5	25		11/30/07 16:00	10061-02-6	
Ethylbenzene	ND	ug/kg	96.5	25		11/30/07 16:00	100-41-4	
2-Hexanone	ND	ug/kg	1930	25		11/30/07 16:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	96.5	25		11/30/07 16:00	98-82-8	
Methyl acetate	ND	ug/kg	96.5	25		11/30/07 16:00	79-20-9	
Methylcyclohexane	ND	ug/kg	96.5	25		11/30/07 16:00	108-87-2	
Methylene chloride	ND	ug/kg	386	25		11/30/07 16:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	483	25		11/30/07 16:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	96.5	25		11/30/07 16:00	1634-04-4	
Styrene	ND	ug/kg	96.5	25		11/30/07 16:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	79-34-5	
Tetrachloroethene	398	ug/kg	96.5	25		11/30/07 16:00	127-18-4	
Toluene	ND	ug/kg	96.5	25		11/30/07 16:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	96.5	25		11/30/07 16:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	96.5	25		11/30/07 16:00	79-00-5	
Trichloroethene	3560	ug/kg	1930	500		11/29/07 17:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	96.5	25		11/30/07 16:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	96.5	25		11/30/07 16:00	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: FD-2(111907)-RW Lab ID: 509466021 Collected: 11/19/07 00:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	96.5	25		11/30/07 16:00	75-01-4	
Xylene (Total)	ND	ug/kg	193	25		11/30/07 16:00	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	25		11/30/07 16:00	1868-53-7	D4
Toluene-d8 (S)	90	%	81-120	25		11/30/07 16:00	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-117	25		11/30/07 16:00	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	13.2	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0774(14-15) Lab ID: 509466022 Collected: 11/19/07 12:45 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	114	1		11/29/07 18:17	67-64-1	
Benzene	ND	ug/kg	5.7	1		11/29/07 18:17	71-43-2	
Bromodichloromethane	ND	ug/kg	5.7	1		11/29/07 18:17	75-27-4	
Bromoform	ND	ug/kg	5.7	1		11/29/07 18:17	75-25-2	
Bromomethane	ND	ug/kg	5.7	1		11/29/07 18:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	28.6	1		11/29/07 18:17	78-93-3	
Carbon disulfide	ND	ug/kg	11.4	1		11/29/07 18:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.7	1		11/29/07 18:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		11/29/07 18:17	108-90-7	
Chloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	75-00-3	
Chloroform	ND	ug/kg	5.7	1		11/29/07 18:17	67-66-3	
Chloromethane	ND	ug/kg	5.7	1		11/29/07 18:17	74-87-3	
Cyclohexane	ND	ug/kg	114	1		11/29/07 18:17	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	1		11/29/07 18:17	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	1		11/29/07 18:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		11/29/07 18:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		11/29/07 18:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		11/29/07 18:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		11/29/07 18:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.7	1		11/29/07 18:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		11/29/07 18:17	75-35-4	
cis-1,2-Dichloroethene	24.4	ug/kg	5.7	1		11/29/07 18:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		11/29/07 18:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		11/29/07 18:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		11/29/07 18:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		11/29/07 18:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.7	1		11/29/07 18:17	100-41-4	
2-Hexanone	ND	ug/kg	114	1		11/29/07 18:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		11/29/07 18:17	98-82-8	
Methyl acetate	ND	ug/kg	5.7	1		11/29/07 18:17	79-20-9	
Methylcyclohexane	ND	ug/kg	5.7	1		11/29/07 18:17	108-87-2	
Methylene chloride	ND	ug/kg	22.9	1		11/29/07 18:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	28.6	1		11/29/07 18:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		11/29/07 18:17	1634-04-4	
Styrene	ND	ug/kg	5.7	1		11/29/07 18:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	79-34-5	
Tetrachloroethene	43.2	ug/kg	5.7	1		11/29/07 18:17	127-18-4	
Toluene	ND	ug/kg	5.7	1		11/29/07 18:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		11/29/07 18:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		11/29/07 18:17	79-00-5	
Trichloroethene	29300	ug/kg	3350	500		12/03/07 14:58	79-01-6	
Trichlorofluoromethane	2.7J	ug/kg	5.7	1		11/29/07 18:17	75-69-4	J
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.7	1		11/29/07 18:17	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0774(14-15) Lab ID: 509466022 Collected: 11/19/07 12:45 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.7	1		11/29/07 18:17	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	1		11/29/07 18:17	1330-20-7	
Dibromofluoromethane (S)	100	%	82-130	1		11/29/07 18:17	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		11/29/07 18:17	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	1		11/29/07 18:17	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.8	%	0.10	1		11/29/07 14:12		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(0-2) Lab ID: 509466023 Collected: 11/19/07 12:58 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	103	1		11/29/07 18:55	67-64-1	
Benzene	ND	ug/kg	5.1	1		11/29/07 18:55	71-43-2	
Bromodichloromethane	ND	ug/kg	5.1	1		11/29/07 18:55	75-27-4	
Bromoform	ND	ug/kg	5.1	1		11/29/07 18:55	75-25-2	
Bromomethane	ND	ug/kg	5.1	1		11/29/07 18:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.6	1		11/29/07 18:55	78-93-3	
Carbon disulfide	ND	ug/kg	10.3	1		11/29/07 18:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1		11/29/07 18:55	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		11/29/07 18:55	108-90-7	
Chloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	75-00-3	
Chloroform	ND	ug/kg	5.1	1		11/29/07 18:55	67-66-3	
Chloromethane	ND	ug/kg	5.1	1		11/29/07 18:55	74-87-3	
Cyclohexane	ND	ug/kg	103	1		11/29/07 18:55	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		11/29/07 18:55	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		11/29/07 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		11/29/07 18:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		11/29/07 18:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		11/29/07 18:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		11/29/07 18:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.1	1		11/29/07 18:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		11/29/07 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		11/29/07 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		11/29/07 18:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		11/29/07 18:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		11/29/07 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		11/29/07 18:55	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1		11/29/07 18:55	100-41-4	
2-Hexanone	ND	ug/kg	103	1		11/29/07 18:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		11/29/07 18:55	98-82-8	
Methyl acetate	ND	ug/kg	5.1	1		11/29/07 18:55	79-20-9	
Methylcyclohexane	ND	ug/kg	5.1	1		11/29/07 18:55	108-87-2	
Methylene chloride	ND	ug/kg	20.5	1		11/29/07 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.6	1		11/29/07 18:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		11/29/07 18:55	1634-04-4	
Styrene	ND	ug/kg	5.1	1		11/29/07 18:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		11/29/07 18:55	127-18-4	
Toluene	ND	ug/kg	5.1	1		11/29/07 18:55	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		11/29/07 18:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		11/29/07 18:55	79-00-5	
Trichloroethene	9.0	ug/kg	5.1	1		11/29/07 18:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1		11/29/07 18:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	1		11/29/07 18:55	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(0-2) **Lab ID: 509466023** Collected: 11/19/07 12:58 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.1	1		11/29/07 18:55	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	1		11/29/07 18:55	1330-20-7	
Dibromofluoromethane (S)	102	%	82-130	1		11/29/07 18:55	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1		11/29/07 18:55	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1		11/29/07 18:55	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.8	%	0.10	1		11/29/07 14:13		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(8-10) Lab ID: 509466024 Collected: 11/19/07 13:01 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	92.7	1		11/29/07 19:32	67-64-1	
Benzene	ND	ug/kg	4.6	1		11/29/07 19:32	71-43-2	
Bromodichloromethane	ND	ug/kg	4.6	1		11/29/07 19:32	75-27-4	
Bromoform	ND	ug/kg	4.6	1		11/29/07 19:32	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		11/29/07 19:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.2	1		11/29/07 19:32	78-93-3	
Carbon disulfide	ND	ug/kg	9.3	1		11/29/07 19:32	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		11/29/07 19:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		11/29/07 19:32	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	75-00-3	
Chloroform	ND	ug/kg	4.6	1		11/29/07 19:32	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		11/29/07 19:32	74-87-3	
Cyclohexane	ND	ug/kg	92.7	1		11/29/07 19:32	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		11/29/07 19:32	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		11/29/07 19:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		11/29/07 19:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 19:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 19:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		11/29/07 19:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		11/29/07 19:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		11/29/07 19:32	75-35-4	
cis-1,2-Dichloroethene	779	ug/kg	129	25		11/30/07 17:17	156-59-2	
trans-1,2-Dichloroethene	5.6	ug/kg	4.6	1		11/29/07 19:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		11/29/07 19:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 19:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/29/07 19:32	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		11/29/07 19:32	100-41-4	
2-Hexanone	ND	ug/kg	92.7	1		11/29/07 19:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		11/29/07 19:32	98-82-8	
Methyl acetate	ND	ug/kg	4.6	1		11/29/07 19:32	79-20-9	
Methylcyclohexane	ND	ug/kg	4.6	1		11/29/07 19:32	108-87-2	
Methylene chloride	ND	ug/kg	18.5	1		11/29/07 19:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.2	1		11/29/07 19:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		11/29/07 19:32	1634-04-4	
Styrene	ND	ug/kg	4.6	1		11/29/07 19:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	79-34-5	
Tetrachloroethene	20.0	ug/kg	4.6	1		11/29/07 19:32	127-18-4	
Toluene	ND	ug/kg	4.6	1		11/29/07 19:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		11/29/07 19:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		11/29/07 19:32	79-00-5	
Trichloroethene	101000	ug/kg	2580	500		11/30/07 17:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		11/29/07 19:32	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.6	1		11/29/07 19:32	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(8-10) Lab ID: 509466024 Collected: 11/19/07 13:01 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.6	1		11/29/07 19:32	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		11/29/07 19:32	1330-20-7	
Dibromofluoromethane (S)	99 %		82-130	1		11/29/07 19:32	1868-53-7	
Toluene-d8 (S)	99 %		81-120	1		11/29/07 19:32	2037-26-5	
4-Bromofluorobenzene (S)	93 %		65-117	1		11/29/07 19:32	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	16.6	%	0.10	1		11/29/07 14:13		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(14-15) Lab ID: 509466025 Collected: 11/19/07 13:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	43200	500		11/29/07 20:10	67-64-1	
Benzene	ND	ug/kg	2160	500		11/29/07 20:10	71-43-2	
Bromodichloromethane	ND	ug/kg	2160	500		11/29/07 20:10	75-27-4	
Bromoform	ND	ug/kg	2160	500		11/29/07 20:10	75-25-2	
Bromomethane	ND	ug/kg	2160	500		11/29/07 20:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10800	500		11/29/07 20:10	78-93-3	
Carbon disulfide	ND	ug/kg	4320	500		11/29/07 20:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	2160	500		11/29/07 20:10	56-23-5	
Chlorobenzene	ND	ug/kg	2160	500		11/29/07 20:10	108-90-7	
Chloroethane	ND	ug/kg	2160	500		11/29/07 20:10	75-00-3	
Chloroform	ND	ug/kg	2160	500		11/29/07 20:10	67-66-3	
Chloromethane	ND	ug/kg	2160	500		11/29/07 20:10	74-87-3	
Cyclohexane	ND	ug/kg	43200	500		11/29/07 20:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2160	500		11/29/07 20:10	96-12-8	
Dibromochloromethane	ND	ug/kg	2160	500		11/29/07 20:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2160	500		11/29/07 20:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2160	500		11/29/07 20:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2160	500		11/29/07 20:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2160	500		11/29/07 20:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2160	500		11/29/07 20:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2160	500		11/29/07 20:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2160	500		11/29/07 20:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2160	500		11/29/07 20:10	75-35-4	
cis-1,2-Dichloroethene	5990	ug/kg	2160	500		11/29/07 20:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2160	500		11/29/07 20:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2160	500		11/29/07 20:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	2160	500		11/29/07 20:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2160	500		11/29/07 20:10	10061-02-6	
Ethylbenzene	ND	ug/kg	2160	500		11/29/07 20:10	100-41-4	
2-Hexanone	ND	ug/kg	43200	500		11/29/07 20:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2160	500		11/29/07 20:10	98-82-8	
Methyl acetate	ND	ug/kg	2160	500		11/29/07 20:10	79-20-9	
Methylcyclohexane	ND	ug/kg	2160	500		11/29/07 20:10	108-87-2	
Methylene chloride	ND	ug/kg	8640	500		11/29/07 20:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10800	500		11/29/07 20:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2160	500		11/29/07 20:10	1634-04-4	
Styrene	ND	ug/kg	2160	500		11/29/07 20:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2160	500		11/29/07 20:10	79-34-5	
Tetrachloroethene	5150	ug/kg	2160	500		11/29/07 20:10	127-18-4	
Toluene	ND	ug/kg	2160	500		11/29/07 20:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	2160	500		11/29/07 20:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2160	500		11/29/07 20:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2160	500		11/29/07 20:10	79-00-5	
Trichloroethene	4520000	ug/kg	21600	5000		11/30/07 18:32	79-01-6	E
Trichlorofluoromethane	ND	ug/kg	2160	500		11/29/07 20:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2160	500		11/29/07 20:10	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0775(14-15) **Lab ID: 509466025** Collected: 11/19/07 13:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	2160	500		11/29/07 20:10	75-01-4	
Xylene (Total)	ND	ug/kg	4320	500		11/29/07 20:10	1330-20-7	
Dibromofluoromethane (S)	101	%	82-130	500		11/29/07 20:10	1868-53-7	D4
Toluene-d8 (S)	97	%	81-120	500		11/29/07 20:10	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	500		11/29/07 20:10	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.6	%	0.10	1		11/29/07 14:13		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0776(14-15) Lab ID: 509466026 Collected: 11/19/07 13:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	2720	25		11/30/07 19:10	67-64-1	
Benzene	ND	ug/kg	136	25		11/30/07 19:10	71-43-2	
Bromodichloromethane	ND	ug/kg	136	25		11/30/07 19:10	75-27-4	
Bromoform	ND	ug/kg	136	25		11/30/07 19:10	75-25-2	
Bromomethane	ND	ug/kg	136	25		11/30/07 19:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	680	25		11/30/07 19:10	78-93-3	
Carbon disulfide	ND	ug/kg	272	25		11/30/07 19:10	75-15-0	
Carbon tetrachloride	ND	ug/kg	136	25		11/30/07 19:10	56-23-5	
Chlorobenzene	ND	ug/kg	136	25		11/30/07 19:10	108-90-7	
Chloroethane	ND	ug/kg	136	25		11/30/07 19:10	75-00-3	
Chloroform	ND	ug/kg	136	25		11/30/07 19:10	67-66-3	
Chloromethane	ND	ug/kg	136	25		11/30/07 19:10	74-87-3	
Cyclohexane	ND	ug/kg	2720	25		11/30/07 19:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	136	25		11/30/07 19:10	96-12-8	
Dibromochloromethane	ND	ug/kg	136	25		11/30/07 19:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	136	25		11/30/07 19:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	136	25		11/30/07 19:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	136	25		11/30/07 19:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	136	25		11/30/07 19:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	136	25		11/30/07 19:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	136	25		11/30/07 19:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	136	25		11/30/07 19:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	136	25		11/30/07 19:10	75-35-4	
cis-1,2-Dichloroethene	222	ug/kg	136	25		11/30/07 19:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	136	25		11/30/07 19:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	136	25		11/30/07 19:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	136	25		11/30/07 19:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	136	25		11/30/07 19:10	10061-02-6	
Ethylbenzene	ND	ug/kg	136	25		11/30/07 19:10	100-41-4	
2-Hexanone	ND	ug/kg	2720	25		11/30/07 19:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	136	25		11/30/07 19:10	98-82-8	
Methyl acetate	ND	ug/kg	136	25		11/30/07 19:10	79-20-9	
Methylcyclohexane	475	ug/kg	136	25		11/30/07 19:10	108-87-2	
Methylene chloride	ND	ug/kg	544	25		11/30/07 19:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	680	25		11/30/07 19:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	136	25		11/30/07 19:10	1634-04-4	
Styrene	ND	ug/kg	136	25		11/30/07 19:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	136	25		11/30/07 19:10	79-34-5	
Tetrachloroethene	484	ug/kg	136	25		11/30/07 19:10	127-18-4	
Toluene	ND	ug/kg	136	25		11/30/07 19:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	136	25		11/30/07 19:10	120-82-1	
1,1,1-Trichloroethane	58.0J	ug/kg	136	25		11/30/07 19:10	71-55-6	J
1,1,2-Trichloroethane	ND	ug/kg	136	25		11/30/07 19:10	79-00-5	
Trichloroethene	101000	ug/kg	27200	5000		12/03/07 15:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	136	25		11/30/07 19:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	136	25		11/30/07 19:10	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0776(14-15) Lab ID: 509466026 Collected: 11/19/07 13:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	136	25		11/30/07 19:10	75-01-4	
Xylene (Total)	ND	ug/kg	272	25		11/30/07 19:10	1330-20-7	
Dibromofluoromethane (S)	71	%	82-130	25		11/30/07 19:10	1868-53-7	D4,S1
Toluene-d8 (S)	94	%	81-120	25		11/30/07 19:10	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-117	25		11/30/07 19:10	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.1	%	0.10	1		11/29/07 14:13		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0770(8-10) Lab ID: 509466027 Collected: 11/19/07 13:35 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	5570	50		12/03/07 11:47	67-64-1	
Benzene	ND	ug/kg	278	50		12/03/07 11:47	71-43-2	
Bromodichloromethane	ND	ug/kg	278	50		12/03/07 11:47	75-27-4	
Bromoform	ND	ug/kg	278	50		12/03/07 11:47	75-25-2	
Bromomethane	ND	ug/kg	278	50		12/03/07 11:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1390	50		12/03/07 11:47	78-93-3	
Carbon disulfide	ND	ug/kg	557	50		12/03/07 11:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	278	50		12/03/07 11:47	56-23-5	
Chlorobenzene	ND	ug/kg	278	50		12/03/07 11:47	108-90-7	
Chloroethane	ND	ug/kg	278	50		12/03/07 11:47	75-00-3	
Chloroform	ND	ug/kg	278	50		12/03/07 11:47	67-66-3	
Chloromethane	ND	ug/kg	278	50		12/03/07 11:47	74-87-3	
Cyclohexane	ND	ug/kg	5570	50		12/03/07 11:47	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	278	50		12/03/07 11:47	96-12-8	
Dibromochloromethane	ND	ug/kg	278	50		12/03/07 11:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	278	50		12/03/07 11:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	278	50		12/03/07 11:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	278	50		12/03/07 11:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	278	50		12/03/07 11:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	278	50		12/03/07 11:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	278	50		12/03/07 11:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	278	50		12/03/07 11:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	278	50		12/03/07 11:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	278	50		12/03/07 11:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	278	50		12/03/07 11:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	278	50		12/03/07 11:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	278	50		12/03/07 11:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	278	50		12/03/07 11:47	10061-02-6	
Ethylbenzene	ND	ug/kg	278	50		12/03/07 11:47	100-41-4	
2-Hexanone	ND	ug/kg	5570	50		12/03/07 11:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	278	50		12/03/07 11:47	98-82-8	
Methyl acetate	ND	ug/kg	278	50		12/03/07 11:47	79-20-9	
Methylcyclohexane	ND	ug/kg	278	50		12/03/07 11:47	108-87-2	
Methylene chloride	ND	ug/kg	1110	50		12/03/07 11:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1390	50		12/03/07 11:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	278	50		12/03/07 11:47	1634-04-4	
Styrene	ND	ug/kg	278	50		12/03/07 11:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	278	50		12/03/07 11:47	79-34-5	
Tetrachloroethene	ND	ug/kg	278	50		12/03/07 11:47	127-18-4	
Toluene	ND	ug/kg	278	50		12/03/07 11:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	278	50		12/03/07 11:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	278	50		12/03/07 11:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	278	50		12/03/07 11:47	79-00-5	
Trichloroethene	99100	ug/kg	2780	500		11/30/07 21:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	278	50		12/03/07 11:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	278	50		12/03/07 11:47	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0770(8-10) Lab ID: 509466027 Collected: 11/19/07 13:35 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	278	50		12/03/07 11:47	75-01-4	
Xylene (Total)	ND	ug/kg	557	50		12/03/07 11:47	1330-20-7	
Dibromofluoromethane (S)	82	%	82-130	50		12/03/07 11:47	1868-53-7	D4
Toluene-d8 (S)	92	%	81-120	50		12/03/07 11:47	2037-26-5	
4-Bromofluorobenzene (S)	102	%	65-117	50		12/03/07 11:47	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.2	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0770(14-15) Lab ID: 509466028 Collected: 11/19/07 13:37 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	77.1	1		11/30/07 15:03	67-64-1	
Benzene	ND	ug/kg	3.9	1		11/30/07 15:03	71-43-2	
Bromodichloromethane	ND	ug/kg	3.9	1		11/30/07 15:03	75-27-4	
Bromoform	ND	ug/kg	3.9	1		11/30/07 15:03	75-25-2	
Bromomethane	ND	ug/kg	3.9	1		11/30/07 15:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.3	1		11/30/07 15:03	78-93-3	
Carbon disulfide	ND	ug/kg	7.7	1		11/30/07 15:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1		11/30/07 15:03	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1		11/30/07 15:03	108-90-7	
Chloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	75-00-3	
Chloroform	ND	ug/kg	3.9	1		11/30/07 15:03	67-66-3	
Chloromethane	ND	ug/kg	3.9	1		11/30/07 15:03	74-87-3	
Cyclohexane	ND	ug/kg	77.1	1		11/30/07 15:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	1		11/30/07 15:03	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1		11/30/07 15:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1		11/30/07 15:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1		11/30/07 15:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1		11/30/07 15:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1		11/30/07 15:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1		11/30/07 15:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.9	1		11/30/07 15:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1		11/30/07 15:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1		11/30/07 15:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1		11/30/07 15:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1		11/30/07 15:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1		11/30/07 15:03	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1		11/30/07 15:03	100-41-4	
2-Hexanone	ND	ug/kg	77.1	1		11/30/07 15:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		11/30/07 15:03	98-82-8	
Methyl acetate	ND	ug/kg	3.9	1		11/30/07 15:03	79-20-9	
Methylcyclohexane	ND	ug/kg	3.9	1		11/30/07 15:03	108-87-2	
Methylene chloride	ND	ug/kg	15.4	1		11/30/07 15:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.3	1		11/30/07 15:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		11/30/07 15:03	1634-04-4	
Styrene	ND	ug/kg	3.9	1		11/30/07 15:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		11/30/07 15:03	127-18-4	
Toluene	ND	ug/kg	3.9	1		11/30/07 15:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		11/30/07 15:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		11/30/07 15:03	79-00-5	
Trichloroethene	ND	ug/kg	3.9	1		11/30/07 15:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1		11/30/07 15:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	1		11/30/07 15:03	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0770(14-15) Lab ID: 509466028 Collected: 11/19/07 13:37 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	575	ug/kg	110	25		12/03/07 12:06	75-01-4	
Xylene (Total)	ND	ug/kg	7.7	1		11/30/07 15:03	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		11/30/07 15:03	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1		11/30/07 15:03	2037-26-5	
4-Bromofluorobenzene (S)	88	%	65-117	1		11/30/07 15:03	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.9	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: FD-3(111907)-RW Lab ID: 509466029 Collected: 11/19/07 00:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	4740	50		12/03/07 12:44	67-64-1	
Benzene	ND	ug/kg	237	50		12/03/07 12:44	71-43-2	
Bromodichloromethane	ND	ug/kg	237	50		12/03/07 12:44	75-27-4	
Bromoform	ND	ug/kg	237	50		12/03/07 12:44	75-25-2	
Bromomethane	ND	ug/kg	237	50		12/03/07 12:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1180	50		12/03/07 12:44	78-93-3	
Carbon disulfide	ND	ug/kg	474	50		12/03/07 12:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	237	50		12/03/07 12:44	56-23-5	
Chlorobenzene	ND	ug/kg	237	50		12/03/07 12:44	108-90-7	
Chloroethane	ND	ug/kg	237	50		12/03/07 12:44	75-00-3	
Chloroform	ND	ug/kg	237	50		12/03/07 12:44	67-66-3	
Chloromethane	ND	ug/kg	237	50		12/03/07 12:44	74-87-3	
Cyclohexane	ND	ug/kg	4740	50		12/03/07 12:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	237	50		12/03/07 12:44	96-12-8	
Dibromochloromethane	ND	ug/kg	237	50		12/03/07 12:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	237	50		12/03/07 12:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	237	50		12/03/07 12:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	237	50		12/03/07 12:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	237	50		12/03/07 12:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	237	50		12/03/07 12:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	237	50		12/03/07 12:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	237	50		12/03/07 12:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	237	50		12/03/07 12:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	237	50		12/03/07 12:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	237	50		12/03/07 12:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	237	50		12/03/07 12:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	237	50		12/03/07 12:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	237	50		12/03/07 12:44	10061-02-6	
Ethylbenzene	ND	ug/kg	237	50		12/03/07 12:44	100-41-4	
2-Hexanone	ND	ug/kg	4740	50		12/03/07 12:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	237	50		12/03/07 12:44	98-82-8	
Methyl acetate	ND	ug/kg	237	50		12/03/07 12:44	79-20-9	
Methylcyclohexane	ND	ug/kg	237	50		12/03/07 12:44	108-87-2	
Methylene chloride	ND	ug/kg	948	50		12/03/07 12:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1180	50		12/03/07 12:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	237	50		12/03/07 12:44	1634-04-4	
Styrene	ND	ug/kg	237	50		12/03/07 12:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	237	50		12/03/07 12:44	79-34-5	
Tetrachloroethene	117J	ug/kg	237	50		12/03/07 12:44	127-18-4	J
Toluene	ND	ug/kg	237	50		12/03/07 12:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	237	50		12/03/07 12:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	237	50		12/03/07 12:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	237	50		12/03/07 12:44	79-00-5	
Trichloroethene	23100	ug/kg	2370	500		11/30/07 15:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	237	50		12/03/07 12:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	237	50		12/03/07 12:44	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **FD-3(111907)-RW** Lab ID: **509466029** Collected: 11/19/07 00:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	237	50		12/03/07 12:44	75-01-4	
Xylene (Total)	ND	ug/kg	474	50		12/03/07 12:44	1330-20-7	
Dibromofluoromethane (S)	103	%	82-130	50		12/03/07 12:44	1868-53-7	D4
Toluene-d8 (S)	92	%	81-120	50		12/03/07 12:44	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	50		12/03/07 12:44	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.3	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0771(8-10) Lab ID: 509466030 Collected: 11/19/07 13:48 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	6430	50		12/03/07 13:22	67-64-1	
Benzene	ND	ug/kg	321	50		12/03/07 13:22	71-43-2	
Bromodichloromethane	ND	ug/kg	321	50		12/03/07 13:22	75-27-4	
Bromoform	ND	ug/kg	321	50		12/03/07 13:22	75-25-2	
Bromomethane	ND	ug/kg	321	50		12/03/07 13:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1610	50		12/03/07 13:22	78-93-3	
Carbon disulfide	ND	ug/kg	643	50		12/03/07 13:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	321	50		12/03/07 13:22	56-23-5	
Chlorobenzene	ND	ug/kg	321	50		12/03/07 13:22	108-90-7	
Chloroethane	ND	ug/kg	321	50		12/03/07 13:22	75-00-3	
Chloroform	ND	ug/kg	321	50		12/03/07 13:22	67-66-3	
Chloromethane	ND	ug/kg	321	50		12/03/07 13:22	74-87-3	
Cyclohexane	ND	ug/kg	6430	50		12/03/07 13:22	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	321	50		12/03/07 13:22	96-12-8	
Dibromochloromethane	ND	ug/kg	321	50		12/03/07 13:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	321	50		12/03/07 13:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	321	50		12/03/07 13:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	321	50		12/03/07 13:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	321	50		12/03/07 13:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	321	50		12/03/07 13:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	321	50		12/03/07 13:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	321	50		12/03/07 13:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	321	50		12/03/07 13:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	321	50		12/03/07 13:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	321	50		12/03/07 13:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	321	50		12/03/07 13:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	321	50		12/03/07 13:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	321	50		12/03/07 13:22	10061-02-6	
Ethylbenzene	ND	ug/kg	321	50		12/03/07 13:22	100-41-4	
2-Hexanone	ND	ug/kg	6430	50		12/03/07 13:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	321	50		12/03/07 13:22	98-82-8	
Methyl acetate	ND	ug/kg	321	50		12/03/07 13:22	79-20-9	
Methylcyclohexane	ND	ug/kg	321	50		12/03/07 13:22	108-87-2	
Methylene chloride	ND	ug/kg	1290	50		12/03/07 13:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1610	50		12/03/07 13:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	321	50		12/03/07 13:22	1634-04-4	
Styrene	ND	ug/kg	321	50		12/03/07 13:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	321	50		12/03/07 13:22	79-34-5	
Tetrachloroethene	130J	ug/kg	321	50		12/03/07 13:22	127-18-4	J
Toluene	ND	ug/kg	321	50		12/03/07 13:22	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	321	50		12/03/07 13:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	321	50		12/03/07 13:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	321	50		12/03/07 13:22	79-00-5	
Trichloroethene	26300	ug/kg	3210	500		11/30/07 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	321	50		12/03/07 13:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	321	50		12/03/07 13:22	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0771(8-10) Lab ID: 509466030 Collected: 11/19/07 13:48 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	321	50		12/03/07 13:22	75-01-4	
Xylene (Total)	ND	ug/kg	643	50		12/03/07 13:22	1330-20-7	
Dibromofluoromethane (S)	108	%	82-130	50		12/03/07 13:22	1868-53-7	D4
Toluene-d8 (S)	92	%	81-120	50		12/03/07 13:22	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	50		12/03/07 13:22	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.8	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0771(14-15) Lab ID: 509466031 Collected: 11/19/07 13:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	4900	50		12/03/07 14:01	67-64-1	
Benzene	ND	ug/kg	245	50		12/03/07 14:01	71-43-2	
Bromodichloromethane	ND	ug/kg	245	50		12/03/07 14:01	75-27-4	
Bromoform	ND	ug/kg	245	50		12/03/07 14:01	75-25-2	
Bromomethane	ND	ug/kg	245	50		12/03/07 14:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1230	50		12/03/07 14:01	78-93-3	
Carbon disulfide	ND	ug/kg	490	50		12/03/07 14:01	75-15-0	
Carbon tetrachloride	ND	ug/kg	245	50		12/03/07 14:01	56-23-5	
Chlorobenzene	ND	ug/kg	245	50		12/03/07 14:01	108-90-7	
Chloroethane	ND	ug/kg	245	50		12/03/07 14:01	75-00-3	
Chloroform	ND	ug/kg	245	50		12/03/07 14:01	67-66-3	
Chloromethane	ND	ug/kg	245	50		12/03/07 14:01	74-87-3	
Cyclohexane	ND	ug/kg	4900	50		12/03/07 14:01	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	245	50		12/03/07 14:01	96-12-8	
Dibromochloromethane	ND	ug/kg	245	50		12/03/07 14:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	245	50		12/03/07 14:01	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	245	50		12/03/07 14:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	245	50		12/03/07 14:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	245	50		12/03/07 14:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	245	50		12/03/07 14:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	245	50		12/03/07 14:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	245	50		12/03/07 14:01	107-06-2	
1,1-Dichloroethene	413	ug/kg	245	50		12/03/07 14:01	75-35-4	
cis-1,2-Dichloroethene	8180	ug/kg	245	50		12/03/07 14:01	156-59-2	
trans-1,2-Dichloroethene	381	ug/kg	245	50		12/03/07 14:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	245	50		12/03/07 14:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	245	50		12/03/07 14:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	245	50		12/03/07 14:01	10061-02-6	
Ethylbenzene	ND	ug/kg	245	50		12/03/07 14:01	100-41-4	
2-Hexanone	ND	ug/kg	4900	50		12/03/07 14:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	245	50		12/03/07 14:01	98-82-8	
Methyl acetate	ND	ug/kg	245	50		12/03/07 14:01	79-20-9	
Methylcyclohexane	ND	ug/kg	245	50		12/03/07 14:01	108-87-2	
Methylene chloride	ND	ug/kg	980	50		12/03/07 14:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1230	50		12/03/07 14:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	245	50		12/03/07 14:01	1634-04-4	
Styrene	ND	ug/kg	245	50		12/03/07 14:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	245	50		12/03/07 14:01	79-34-5	
Tetrachloroethene	ND	ug/kg	245	50		12/03/07 14:01	127-18-4	
Toluene	ND	ug/kg	245	50		12/03/07 14:01	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	245	50		12/03/07 14:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	245	50		12/03/07 14:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	245	50		12/03/07 14:01	79-00-5	
Trichloroethene	31300	ug/kg	2450	500		11/30/07 16:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	245	50		12/03/07 14:01	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	245	50		12/03/07 14:01	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0771(14-15) Lab ID: 509466031 Collected: 11/19/07 13:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	245	50		12/03/07 14:01	75-01-4	
Xylene (Total)	ND	ug/kg	490	50		12/03/07 14:01	1330-20-7	
Dibromofluoromethane (S)	102	%	82-130	50		12/03/07 14:01	1868-53-7	D4
Toluene-d8 (S)	93	%	81-120	50		12/03/07 14:01	2037-26-5	
4-Bromofluorobenzene (S)	100	%	65-117	50		12/03/07 14:01	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.4	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0772(0-2) Lab ID: 509466032 Collected: 11/19/07 14:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.2	1		11/30/07 17:35	67-64-1	
Benzene	ND	ug/kg	4.9	1		11/30/07 17:35	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		11/30/07 17:35	75-27-4	
Bromoform	ND	ug/kg	4.9	1		11/30/07 17:35	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		11/30/07 17:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		11/30/07 17:35	78-93-3	
Carbon disulfide	ND	ug/kg	9.8	1		11/30/07 17:35	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		11/30/07 17:35	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		11/30/07 17:35	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	75-00-3	
Chloroform	ND	ug/kg	4.9	1		11/30/07 17:35	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		11/30/07 17:35	74-87-3	
Cyclohexane	ND	ug/kg	98.2	1		11/30/07 17:35	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		11/30/07 17:35	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		11/30/07 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		11/30/07 17:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		11/30/07 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		11/30/07 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		11/30/07 17:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		11/30/07 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		11/30/07 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/30/07 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/30/07 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		11/30/07 17:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/30/07 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/30/07 17:35	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		11/30/07 17:35	100-41-4	
2-Hexanone	ND	ug/kg	98.2	1		11/30/07 17:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		11/30/07 17:35	98-82-8	
Methyl acetate	ND	ug/kg	4.9	1		11/30/07 17:35	79-20-9	
Methylcyclohexane	ND	ug/kg	4.9	1		11/30/07 17:35	108-87-2	
Methylene chloride	ND	ug/kg	19.6	1		11/30/07 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		11/30/07 17:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		11/30/07 17:35	1634-04-4	
Styrene	ND	ug/kg	4.9	1		11/30/07 17:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		11/30/07 17:35	127-18-4	
Toluene	ND	ug/kg	4.9	1		11/30/07 17:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		11/30/07 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		11/30/07 17:35	79-00-5	
Trichloroethene	77.0	ug/kg	4.9	1		11/30/07 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		11/30/07 17:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		11/30/07 17:35	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0772(0-2) Lab ID: 509466032 Collected: 11/19/07 14:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.9	1		11/30/07 17:35	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		11/30/07 17:35	1330-20-7	
Dibromofluoromethane (S)	101	%	82-130	1		11/30/07 17:35	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1		11/30/07 17:35	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	1		11/30/07 17:35	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.8	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0772(8-10) Lab ID: 509466033 Collected: 11/19/07 14:07 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	42800	500		11/29/07 17:20	67-64-1	
Benzene	ND	ug/kg	2140	500		11/29/07 17:20	71-43-2	
Bromodichloromethane	ND	ug/kg	2140	500		11/29/07 17:20	75-27-4	
Bromoform	ND	ug/kg	2140	500		11/29/07 17:20	75-25-2	
Bromomethane	ND	ug/kg	2140	500		11/29/07 17:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	10700	500		11/29/07 17:20	78-93-3	
Carbon disulfide	ND	ug/kg	4280	500		11/29/07 17:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	2140	500		11/29/07 17:20	56-23-5	
Chlorobenzene	ND	ug/kg	2140	500		11/29/07 17:20	108-90-7	
Chloroethane	ND	ug/kg	2140	500		11/29/07 17:20	75-00-3	
Chloroform	ND	ug/kg	2140	500		11/29/07 17:20	67-66-3	
Chloromethane	ND	ug/kg	2140	500		11/29/07 17:20	74-87-3	
Cyclohexane	ND	ug/kg	42800	500		11/29/07 17:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2140	500		11/29/07 17:20	96-12-8	
Dibromochloromethane	ND	ug/kg	2140	500		11/29/07 17:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2140	500		11/29/07 17:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2140	500		11/29/07 17:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2140	500		11/29/07 17:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2140	500		11/29/07 17:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2140	500		11/29/07 17:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2140	500		11/29/07 17:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2140	500		11/29/07 17:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2140	500		11/29/07 17:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2140	500		11/29/07 17:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2140	500		11/29/07 17:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2140	500		11/29/07 17:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	2140	500		11/29/07 17:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2140	500		11/29/07 17:20	10061-02-6	
Ethylbenzene	ND	ug/kg	2140	500		11/29/07 17:20	100-41-4	
2-Hexanone	ND	ug/kg	42800	500		11/29/07 17:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2140	500		11/29/07 17:20	98-82-8	
Methyl acetate	ND	ug/kg	2140	500		11/29/07 17:20	79-20-9	
Methylcyclohexane	ND	ug/kg	2140	500		11/29/07 17:20	108-87-2	
Methylene chloride	ND	ug/kg	8570	500		11/29/07 17:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	10700	500		11/29/07 17:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2140	500		11/29/07 17:20	1634-04-4	
Styrene	ND	ug/kg	2140	500		11/29/07 17:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2140	500		11/29/07 17:20	79-34-5	
Tetrachloroethene	ND	ug/kg	2140	500		11/29/07 17:20	127-18-4	
Toluene	ND	ug/kg	2140	500		11/29/07 17:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	2140	500		11/29/07 17:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2140	500		11/29/07 17:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2140	500		11/29/07 17:20	79-00-5	
Trichloroethene	16300	ug/kg	2140	500		11/29/07 17:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2140	500		11/29/07 17:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2140	500		11/29/07 17:20	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0772(8-10)** Lab ID: **509466033** Collected: 11/19/07 14:07 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	2140	500		11/29/07 17:20	75-01-4	
Xylene (Total)	ND	ug/kg	4280	500		11/29/07 17:20	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	500		11/29/07 17:20	1868-53-7	2d
Toluene-d8 (S)	93	%	81-120	500		11/29/07 17:20	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-117	500		11/29/07 17:20	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.1	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0772(14-15) Lab ID: 509466034 Collected: 11/19/07 14:09 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	47000	500		11/29/07 17:58	67-64-1	
Benzene	ND	ug/kg	2350	500		11/29/07 17:58	71-43-2	
Bromodichloromethane	ND	ug/kg	2350	500		11/29/07 17:58	75-27-4	
Bromoform	ND	ug/kg	2350	500		11/29/07 17:58	75-25-2	
Bromomethane	ND	ug/kg	2350	500		11/29/07 17:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	11800	500		11/29/07 17:58	78-93-3	
Carbon disulfide	ND	ug/kg	4700	500		11/29/07 17:58	75-15-0	
Carbon tetrachloride	ND	ug/kg	2350	500		11/29/07 17:58	56-23-5	
Chlorobenzene	ND	ug/kg	2350	500		11/29/07 17:58	108-90-7	
Chloroethane	ND	ug/kg	2350	500		11/29/07 17:58	75-00-3	
Chloroform	ND	ug/kg	2350	500		11/29/07 17:58	67-66-3	
Chloromethane	ND	ug/kg	2350	500		11/29/07 17:58	74-87-3	
Cyclohexane	ND	ug/kg	47000	500		11/29/07 17:58	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2350	500		11/29/07 17:58	96-12-8	
Dibromochloromethane	ND	ug/kg	2350	500		11/29/07 17:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2350	500		11/29/07 17:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	2350	500		11/29/07 17:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2350	500		11/29/07 17:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2350	500		11/29/07 17:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2350	500		11/29/07 17:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2350	500		11/29/07 17:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2350	500		11/29/07 17:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2350	500		11/29/07 17:58	75-35-4	
cis-1,2-Dichloroethene	4070	ug/kg	2350	500		11/29/07 17:58	156-59-2	
trans-1,2-Dichloroethene	3190	ug/kg	2350	500		11/29/07 17:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2350	500		11/29/07 17:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	2350	500		11/29/07 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2350	500		11/29/07 17:58	10061-02-6	
Ethylbenzene	ND	ug/kg	2350	500		11/29/07 17:58	100-41-4	
2-Hexanone	ND	ug/kg	47000	500		11/29/07 17:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2350	500		11/29/07 17:58	98-82-8	
Methyl acetate	ND	ug/kg	2350	500		11/29/07 17:58	79-20-9	
Methylcyclohexane	ND	ug/kg	2350	500		11/29/07 17:58	108-87-2	
Methylene chloride	ND	ug/kg	9410	500		11/29/07 17:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11800	500		11/29/07 17:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2350	500		11/29/07 17:58	1634-04-4	
Styrene	ND	ug/kg	2350	500		11/29/07 17:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2350	500		11/29/07 17:58	79-34-5	
Tetrachloroethene	ND	ug/kg	2350	500		11/29/07 17:58	127-18-4	
Toluene	ND	ug/kg	2350	500		11/29/07 17:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	2350	500		11/29/07 17:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2350	500		11/29/07 17:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2350	500		11/29/07 17:58	79-00-5	
Trichloroethene	403000	ug/kg	23500	5000		11/30/07 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2350	500		11/29/07 17:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	2350	500		11/29/07 17:58	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0772(14-15) Lab ID: 509466034 Collected: 11/19/07 14:09 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	2350	500		11/29/07 17:58	75-01-4	
Xylene (Total)	ND	ug/kg	4700	500		11/29/07 17:58	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	500		11/29/07 17:58	1868-53-7	2d
Toluene-d8 (S)	93	%	81-120	500		11/29/07 17:58	2037-26-5	
4-Bromofluorobenzene (S)	96	%	65-117	500		11/29/07 17:58	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	6.8 %	0.10	1	11/29/07 14:14

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0777(0-2) Lab ID: 509466035 Collected: 11/19/07 14:23 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	148	1		11/29/07 18:36	67-64-1	
Benzene	ND	ug/kg	7.4	1		11/29/07 18:36	71-43-2	
Bromodichloromethane	ND	ug/kg	7.4	1		11/29/07 18:36	75-27-4	
Bromoform	ND	ug/kg	7.4	1		11/29/07 18:36	75-25-2	
Bromomethane	ND	ug/kg	7.4	1		11/29/07 18:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	37.0	1		11/29/07 18:36	78-93-3	
Carbon disulfide	ND	ug/kg	14.8	1		11/29/07 18:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.4	1		11/29/07 18:36	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1		11/29/07 18:36	108-90-7	
Chloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	75-00-3	
Chloroform	ND	ug/kg	7.4	1		11/29/07 18:36	67-66-3	
Chloromethane	ND	ug/kg	7.4	1		11/29/07 18:36	74-87-3	
Cyclohexane	ND	ug/kg	148	1		11/29/07 18:36	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	1		11/29/07 18:36	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	1		11/29/07 18:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	1		11/29/07 18:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.4	1		11/29/07 18:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	1		11/29/07 18:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1		11/29/07 18:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.4	1		11/29/07 18:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	1		11/29/07 18:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	1		11/29/07 18:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	1		11/29/07 18:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	1		11/29/07 18:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	1		11/29/07 18:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	1		11/29/07 18:36	10061-02-6	
Ethylbenzene	ND	ug/kg	7.4	1		11/29/07 18:36	100-41-4	
2-Hexanone	ND	ug/kg	148	1		11/29/07 18:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	1		11/29/07 18:36	98-82-8	
Methyl acetate	ND	ug/kg	7.4	1		11/29/07 18:36	79-20-9	
Methylcyclohexane	ND	ug/kg	7.4	1		11/29/07 18:36	108-87-2	
Methylene chloride	ND	ug/kg	29.6	1		11/29/07 18:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.0	1		11/29/07 18:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	1		11/29/07 18:36	1634-04-4	
Styrene	ND	ug/kg	7.4	1		11/29/07 18:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	1		11/29/07 18:36	127-18-4	
Toluene	ND	ug/kg	7.4	1		11/29/07 18:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	1		11/29/07 18:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	1		11/29/07 18:36	79-00-5	
Trichloroethene	5.4J	ug/kg	7.4	1		11/29/07 18:36	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	7.4	1		11/29/07 18:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.4	1		11/29/07 18:36	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0777(0-2) Lab ID: 509466035 Collected: 11/19/07 14:23 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	7.4	1		11/29/07 18:36	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	1		11/29/07 18:36	1330-20-7	
Dibromofluoromethane (S)	110	%	82-130	1		11/29/07 18:36	1868-53-7	
Toluene-d8 (S)	94	%	81-120	1		11/29/07 18:36	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	1		11/29/07 18:36	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	21.2	%	0.10	1		11/29/07 14:14		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0777(8-10) Lab ID: 509466036 Collected: 11/19/07 14:25 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86.1	1		11/29/07 19:13	67-64-1	
Benzene	ND	ug/kg	4.3	1		11/29/07 19:13	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		11/29/07 19:13	75-27-4	
Bromoform	ND	ug/kg	4.3	1		11/29/07 19:13	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		11/29/07 19:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.5	1		11/29/07 19:13	78-93-3	
Carbon disulfide	ND	ug/kg	8.6	1		11/29/07 19:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		11/29/07 19:13	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		11/29/07 19:13	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	75-00-3	
Chloroform	ND	ug/kg	4.3	1		11/29/07 19:13	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		11/29/07 19:13	74-87-3	
Cyclohexane	ND	ug/kg	86.1	1		11/29/07 19:13	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		11/29/07 19:13	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		11/29/07 19:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		11/29/07 19:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		11/29/07 19:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		11/29/07 19:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		11/29/07 19:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		11/29/07 19:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		11/29/07 19:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		11/29/07 19:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		11/29/07 19:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		11/29/07 19:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		11/29/07 19:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		11/29/07 19:13	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		11/29/07 19:13	100-41-4	
2-Hexanone	ND	ug/kg	86.1	1		11/29/07 19:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		11/29/07 19:13	98-82-8	
Methyl acetate	ND	ug/kg	4.3	1		11/29/07 19:13	79-20-9	
Methylcyclohexane	ND	ug/kg	4.3	1		11/29/07 19:13	108-87-2	
Methylene chloride	ND	ug/kg	17.2	1		11/29/07 19:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.5	1		11/29/07 19:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		11/29/07 19:13	1634-04-4	
Styrene	ND	ug/kg	4.3	1		11/29/07 19:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		11/29/07 19:13	127-18-4	
Toluene	ND	ug/kg	4.3	1		11/29/07 19:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		11/29/07 19:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		11/29/07 19:13	79-00-5	
Trichloroethene	132	ug/kg	4.3	1		11/29/07 19:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		11/29/07 19:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		11/29/07 19:13	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0777(8-10)** Lab ID: **509466036** Collected: 11/19/07 14:25 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.3	1		11/29/07 19:13	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		11/29/07 19:13	1330-20-7	
Dibromofluoromethane (S)	112	%	82-130	1		11/29/07 19:13	1868-53-7	
Toluene-d8 (S)	93	%	81-120	1		11/29/07 19:13	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		11/29/07 19:13	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.5	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0777(14-15) Lab ID: 509466037 Collected: 11/19/07 14:27 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	74000	500		11/29/07 19:51	67-64-1	
Benzene	ND	ug/kg	3700	500		11/29/07 19:51	71-43-2	
Bromodichloromethane	ND	ug/kg	3700	500		11/29/07 19:51	75-27-4	
Bromoform	ND	ug/kg	3700	500		11/29/07 19:51	75-25-2	
Bromomethane	ND	ug/kg	3700	500		11/29/07 19:51	74-83-9	
2-Butanone (MEK)	ND	ug/kg	18500	500		11/29/07 19:51	78-93-3	
Carbon disulfide	ND	ug/kg	7400	500		11/29/07 19:51	75-15-0	
Carbon tetrachloride	ND	ug/kg	3700	500		11/29/07 19:51	56-23-5	
Chlorobenzene	ND	ug/kg	3700	500		11/29/07 19:51	108-90-7	
Chloroethane	ND	ug/kg	3700	500		11/29/07 19:51	75-00-3	
Chloroform	ND	ug/kg	3700	500		11/29/07 19:51	67-66-3	
Chloromethane	ND	ug/kg	3700	500		11/29/07 19:51	74-87-3	
Cyclohexane	ND	ug/kg	74000	500		11/29/07 19:51	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3700	500		11/29/07 19:51	96-12-8	
Dibromochloromethane	ND	ug/kg	3700	500		11/29/07 19:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3700	500		11/29/07 19:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3700	500		11/29/07 19:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3700	500		11/29/07 19:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3700	500		11/29/07 19:51	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3700	500		11/29/07 19:51	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3700	500		11/29/07 19:51	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3700	500		11/29/07 19:51	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3700	500		11/29/07 19:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3700	500		11/29/07 19:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3700	500		11/29/07 19:51	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3700	500		11/29/07 19:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3700	500		11/29/07 19:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3700	500		11/29/07 19:51	10061-02-6	
Ethylbenzene	ND	ug/kg	3700	500		11/29/07 19:51	100-41-4	
2-Hexanone	ND	ug/kg	74000	500		11/29/07 19:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3700	500		11/29/07 19:51	98-82-8	
Methyl acetate	ND	ug/kg	3700	500		11/29/07 19:51	79-20-9	
Methylcyclohexane	ND	ug/kg	3700	500		11/29/07 19:51	108-87-2	
Methylene chloride	ND	ug/kg	14800	500		11/29/07 19:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18500	500		11/29/07 19:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3700	500		11/29/07 19:51	1634-04-4	
Styrene	ND	ug/kg	3700	500		11/29/07 19:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3700	500		11/29/07 19:51	79-34-5	
Tetrachloroethene	ND	ug/kg	3700	500		11/29/07 19:51	127-18-4	
Toluene	ND	ug/kg	3700	500		11/29/07 19:51	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3700	500		11/29/07 19:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3700	500		11/29/07 19:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3700	500		11/29/07 19:51	79-00-5	
Trichloroethene	36600	ug/kg	3700	500		11/29/07 19:51	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3700	500		11/29/07 19:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3700	500		11/29/07 19:51	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0777(14-15) Lab ID: 509466037 Collected: 11/19/07 14:27 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3700	500		11/29/07 19:51	75-01-4	
Xylene (Total)	ND	ug/kg	7400	500		11/29/07 19:51	1330-20-7	
Dibromofluoromethane (S)	112	%	82-130	500		11/29/07 19:51	1868-53-7	2d
Toluene-d8 (S)	93	%	81-120	500		11/29/07 19:51	2037-26-5	
4-Bromofluorobenzene (S)	98	%	65-117	500		11/29/07 19:51	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0778(8-10) Lab ID: 509466038 Collected: 11/19/07 14:36 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	2420	25		11/30/07 18:51	67-64-1	
Benzene	ND	ug/kg	121	25		11/30/07 18:51	71-43-2	
Bromodichloromethane	ND	ug/kg	121	25		11/30/07 18:51	75-27-4	
Bromoform	ND	ug/kg	121	25		11/30/07 18:51	75-25-2	
Bromomethane	ND	ug/kg	121	25		11/30/07 18:51	74-83-9	
2-Butanone (MEK)	ND	ug/kg	606	25		11/30/07 18:51	78-93-3	
Carbon disulfide	ND	ug/kg	242	25		11/30/07 18:51	75-15-0	
Carbon tetrachloride	ND	ug/kg	121	25		11/30/07 18:51	56-23-5	
Chlorobenzene	ND	ug/kg	121	25		11/30/07 18:51	108-90-7	
Chloroethane	ND	ug/kg	121	25		11/30/07 18:51	75-00-3	
Chloroform	ND	ug/kg	121	25		11/30/07 18:51	67-66-3	
Chloromethane	ND	ug/kg	121	25		11/30/07 18:51	74-87-3	
Cyclohexane	ND	ug/kg	2420	25		11/30/07 18:51	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	121	25		11/30/07 18:51	96-12-8	
Dibromochloromethane	ND	ug/kg	121	25		11/30/07 18:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	121	25		11/30/07 18:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	121	25		11/30/07 18:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	121	25		11/30/07 18:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	121	25		11/30/07 18:51	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	121	25		11/30/07 18:51	75-71-8	
1,1-Dichloroethane	ND	ug/kg	121	25		11/30/07 18:51	75-34-3	
1,2-Dichloroethane	ND	ug/kg	121	25		11/30/07 18:51	107-06-2	
1,1-Dichloroethene	ND	ug/kg	121	25		11/30/07 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	121	25		11/30/07 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	121	25		11/30/07 18:51	156-60-5	
1,2-Dichloropropane	ND	ug/kg	121	25		11/30/07 18:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	121	25		11/30/07 18:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	121	25		11/30/07 18:51	10061-02-6	
Ethylbenzene	ND	ug/kg	121	25		11/30/07 18:51	100-41-4	
2-Hexanone	ND	ug/kg	2420	25		11/30/07 18:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	121	25		11/30/07 18:51	98-82-8	
Methyl acetate	ND	ug/kg	121	25		11/30/07 18:51	79-20-9	
Methylcyclohexane	ND	ug/kg	121	25		11/30/07 18:51	108-87-2	
Methylene chloride	ND	ug/kg	485	25		11/30/07 18:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	606	25		11/30/07 18:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	121	25		11/30/07 18:51	1634-04-4	
Styrene	ND	ug/kg	121	25		11/30/07 18:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	121	25		11/30/07 18:51	79-34-5	
Tetrachloroethene	ND	ug/kg	121	25		11/30/07 18:51	127-18-4	
Toluene	ND	ug/kg	121	25		11/30/07 18:51	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	121	25		11/30/07 18:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	121	25		11/30/07 18:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	121	25		11/30/07 18:51	79-00-5	
Trichloroethene	8780	ug/kg	1210	250		12/03/07 14:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	121	25		11/30/07 18:51	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	121	25		11/30/07 18:51	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0778(8-10)** Lab ID: **509466038** Collected: 11/19/07 14:36 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	121	25		11/30/07 18:51	75-01-4	
Xylene (Total)	ND	ug/kg	242	25		11/30/07 18:51	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	25		11/30/07 18:51	1868-53-7	D4
Toluene-d8 (S)	92	%	81-120	25		11/30/07 18:51	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	25		11/30/07 18:51	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.0	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0778(14-15) Lab ID: 509466039 Collected: 11/19/07 14:39 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.3	1		11/29/07 23:16	67-64-1	
Benzene	ND	ug/kg	4.9	1		11/29/07 23:16	71-43-2	
Bromodichloromethane	ND	ug/kg	4.9	1		11/29/07 23:16	75-27-4	
Bromoform	ND	ug/kg	4.9	1		11/29/07 23:16	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		11/29/07 23:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		11/29/07 23:16	78-93-3	
Carbon disulfide	ND	ug/kg	9.8	1		11/29/07 23:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		11/29/07 23:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		11/29/07 23:16	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	75-00-3	
Chloroform	ND	ug/kg	4.9	1		11/29/07 23:16	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		11/29/07 23:16	74-87-3	
Cyclohexane	ND	ug/kg	98.3	1		11/29/07 23:16	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1		11/29/07 23:16	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1		11/29/07 23:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		11/29/07 23:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 23:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 23:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		11/29/07 23:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		11/29/07 23:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 23:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 23:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		11/29/07 23:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		11/29/07 23:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/29/07 23:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		11/29/07 23:16	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		11/29/07 23:16	100-41-4	
2-Hexanone	ND	ug/kg	98.3	1		11/29/07 23:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		11/29/07 23:16	98-82-8	
Methyl acetate	ND	ug/kg	4.9	1		11/29/07 23:16	79-20-9	
Methylcyclohexane	ND	ug/kg	4.9	1		11/29/07 23:16	108-87-2	
Methylene chloride	ND	ug/kg	19.7	1		11/29/07 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		11/29/07 23:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		11/29/07 23:16	1634-04-4	
Styrene	ND	ug/kg	4.9	1		11/29/07 23:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		11/29/07 23:16	127-18-4	
Toluene	ND	ug/kg	4.9	1		11/29/07 23:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		11/29/07 23:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		11/29/07 23:16	79-00-5	
Trichloroethene	5.3	ug/kg	4.9	1		11/29/07 23:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		11/29/07 23:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.9	1		11/29/07 23:16	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0778(14-15) Lab ID: 509466039 Collected: 11/19/07 14:39 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	227	ug/kg	4.9	1		11/29/07 23:16	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		11/29/07 23:16	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	1		11/29/07 23:16	1868-53-7	
Toluene-d8 (S)	102	%	81-120	1		11/29/07 23:16	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		11/29/07 23:16	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.0	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0786(8-10) Lab ID: 509466040 Collected: 11/19/07 15:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	83.9	1		11/30/07 19:29	67-64-1	
Benzene	ND	ug/kg	4.2	1		11/30/07 19:29	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		11/30/07 19:29	75-27-4	
Bromoform	ND	ug/kg	4.2	1		11/30/07 19:29	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		11/30/07 19:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.0	1		11/30/07 19:29	78-93-3	
Carbon disulfide	ND	ug/kg	8.4	1		11/30/07 19:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		11/30/07 19:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		11/30/07 19:29	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	75-00-3	
Chloroform	ND	ug/kg	4.2	1		11/30/07 19:29	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		11/30/07 19:29	74-87-3	
Cyclohexane	ND	ug/kg	83.9	1		11/30/07 19:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		11/30/07 19:29	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		11/30/07 19:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		11/30/07 19:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		11/30/07 19:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		11/30/07 19:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		11/30/07 19:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		11/30/07 19:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		11/30/07 19:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		11/30/07 19:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		11/30/07 19:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		11/30/07 19:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		11/30/07 19:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		11/30/07 19:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		11/30/07 19:29	100-41-4	
2-Hexanone	ND	ug/kg	83.9	1		11/30/07 19:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		11/30/07 19:29	98-82-8	
Methyl acetate	ND	ug/kg	4.2	1		11/30/07 19:29	79-20-9	
Methylcyclohexane	ND	ug/kg	4.2	1		11/30/07 19:29	108-87-2	
Methylene chloride	ND	ug/kg	16.8	1		11/30/07 19:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.0	1		11/30/07 19:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		11/30/07 19:29	1634-04-4	
Styrene	ND	ug/kg	4.2	1		11/30/07 19:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		11/30/07 19:29	127-18-4	
Toluene	ND	ug/kg	4.2	1		11/30/07 19:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		11/30/07 19:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		11/30/07 19:29	79-00-5	
Trichloroethene	2.3J	ug/kg	4.2	1		11/30/07 19:29	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.2	1		11/30/07 19:29	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		11/30/07 19:29	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0786(8-10)** Lab ID: **509466040** Collected: 11/19/07 15:05 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.2	1		11/30/07 19:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		11/30/07 19:29	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		11/30/07 19:29	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1		11/30/07 19:29	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		11/30/07 19:29	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.8	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0786(14-15) Lab ID: 509466041 Collected: 11/19/07 15:09 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	102	1		11/30/07 20:07	67-64-1	
Benzene	ND	ug/kg	5.1	1		11/30/07 20:07	71-43-2	
Bromodichloromethane	ND	ug/kg	5.1	1		11/30/07 20:07	75-27-4	
Bromoform	ND	ug/kg	5.1	1		11/30/07 20:07	75-25-2	
Bromomethane	ND	ug/kg	5.1	1		11/30/07 20:07	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.6	1		11/30/07 20:07	78-93-3	
Carbon disulfide	ND	ug/kg	10.2	1		11/30/07 20:07	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.1	1		11/30/07 20:07	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		11/30/07 20:07	108-90-7	
Chloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	75-00-3	
Chloroform	ND	ug/kg	5.1	1		11/30/07 20:07	67-66-3	
Chloromethane	ND	ug/kg	5.1	1		11/30/07 20:07	74-87-3	
Cyclohexane	ND	ug/kg	102	1		11/30/07 20:07	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		11/30/07 20:07	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		11/30/07 20:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		11/30/07 20:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		11/30/07 20:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		11/30/07 20:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		11/30/07 20:07	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.1	1		11/30/07 20:07	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		11/30/07 20:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		11/30/07 20:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		11/30/07 20:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		11/30/07 20:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		11/30/07 20:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		11/30/07 20:07	10061-02-6	
Ethylbenzene	ND	ug/kg	5.1	1		11/30/07 20:07	100-41-4	
2-Hexanone	ND	ug/kg	102	1		11/30/07 20:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		11/30/07 20:07	98-82-8	
Methyl acetate	ND	ug/kg	5.1	1		11/30/07 20:07	79-20-9	
Methylcyclohexane	ND	ug/kg	5.1	1		11/30/07 20:07	108-87-2	
Methylene chloride	ND	ug/kg	20.4	1		11/30/07 20:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.6	1		11/30/07 20:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		11/30/07 20:07	1634-04-4	
Styrene	ND	ug/kg	5.1	1		11/30/07 20:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		11/30/07 20:07	127-18-4	
Toluene	ND	ug/kg	5.1	1		11/30/07 20:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		11/30/07 20:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		11/30/07 20:07	79-00-5	
Trichloroethene	2.8J	ug/kg	5.1	1		11/30/07 20:07	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	5.1	1		11/30/07 20:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.1	1		11/30/07 20:07	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0786(14-15)** Lab ID: **509466041** Collected: 11/19/07 15:09 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.1	1		11/30/07 20:07	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1		11/30/07 20:07	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/30/07 20:07	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		11/30/07 20:07	2037-26-5	
4-Bromofluorobenzene (S)	86	%	65-117	1		11/30/07 20:07	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.9	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0785(0-2) Lab ID: 509466042 Collected: 11/19/07 15:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	129	1		11/30/07 20:44	67-64-1	
Benzene	ND	ug/kg	6.4	1		11/30/07 20:44	71-43-2	
Bromodichloromethane	ND	ug/kg	6.4	1		11/30/07 20:44	75-27-4	
Bromoform	ND	ug/kg	6.4	1		11/30/07 20:44	75-25-2	
Bromomethane	ND	ug/kg	6.4	1		11/30/07 20:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	32.2	1		11/30/07 20:44	78-93-3	
Carbon disulfide	ND	ug/kg	12.9	1		11/30/07 20:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.4	1		11/30/07 20:44	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1		11/30/07 20:44	108-90-7	
Chloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	75-00-3	
Chloroform	ND	ug/kg	6.4	1		11/30/07 20:44	67-66-3	
Chloromethane	ND	ug/kg	6.4	1		11/30/07 20:44	74-87-3	
Cyclohexane	ND	ug/kg	129	1		11/30/07 20:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	1		11/30/07 20:44	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	1		11/30/07 20:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	1		11/30/07 20:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.4	1		11/30/07 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	1		11/30/07 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1		11/30/07 20:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.4	1		11/30/07 20:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	1		11/30/07 20:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	1		11/30/07 20:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	1		11/30/07 20:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1		11/30/07 20:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1		11/30/07 20:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1		11/30/07 20:44	10061-02-6	
Ethylbenzene	ND	ug/kg	6.4	1		11/30/07 20:44	100-41-4	
2-Hexanone	ND	ug/kg	129	1		11/30/07 20:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	1		11/30/07 20:44	98-82-8	
Methyl acetate	ND	ug/kg	6.4	1		11/30/07 20:44	79-20-9	
Methylcyclohexane	ND	ug/kg	6.4	1		11/30/07 20:44	108-87-2	
Methylene chloride	ND	ug/kg	25.7	1		11/30/07 20:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	32.2	1		11/30/07 20:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	1		11/30/07 20:44	1634-04-4	
Styrene	ND	ug/kg	6.4	1		11/30/07 20:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	1		11/30/07 20:44	127-18-4	
Toluene	ND	ug/kg	6.4	1		11/30/07 20:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	1		11/30/07 20:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	1		11/30/07 20:44	79-00-5	
Trichloroethene	98.7	ug/kg	6.4	1		11/30/07 20:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	1		11/30/07 20:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.4	1		11/30/07 20:44	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0785(0-2)** Lab ID: **509466042** Collected: 11/19/07 15:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6.4	1		11/30/07 20:44	75-01-4	
Xylene (Total)	ND	ug/kg	12.9	1		11/30/07 20:44	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		11/30/07 20:44	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1		11/30/07 20:44	2037-26-5	
4-Bromofluorobenzene (S)	92	%	65-117	1		11/30/07 20:44	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.6	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0785(8-10) Lab ID: 509466043 Collected: 11/19/07 15:19 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	75.6	1		11/30/07 21:22	67-64-1	
Benzene	ND	ug/kg	3.8	1		11/30/07 21:22	71-43-2	
Bromodichloromethane	ND	ug/kg	3.8	1		11/30/07 21:22	75-27-4	
Bromoform	ND	ug/kg	3.8	1		11/30/07 21:22	75-25-2	
Bromomethane	ND	ug/kg	3.8	1		11/30/07 21:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	18.9	1		11/30/07 21:22	78-93-3	
Carbon disulfide	ND	ug/kg	7.6	1		11/30/07 21:22	75-15-0	
Carbon tetrachloride	12.3	ug/kg	3.8	1		11/30/07 21:22	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1		11/30/07 21:22	108-90-7	
Chloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	75-00-3	
Chloroform	26.0	ug/kg	3.8	1		11/30/07 21:22	67-66-3	
Chloromethane	ND	ug/kg	3.8	1		11/30/07 21:22	74-87-3	
Cyclohexane	ND	ug/kg	75.6	1		11/30/07 21:22	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	1		11/30/07 21:22	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1		11/30/07 21:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1		11/30/07 21:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1		11/30/07 21:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1		11/30/07 21:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1		11/30/07 21:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.8	1		11/30/07 21:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.8	1		11/30/07 21:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1		11/30/07 21:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1		11/30/07 21:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1		11/30/07 21:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1		11/30/07 21:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1		11/30/07 21:22	10061-02-6	
Ethylbenzene	ND	ug/kg	3.8	1		11/30/07 21:22	100-41-4	
2-Hexanone	ND	ug/kg	75.6	1		11/30/07 21:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1		11/30/07 21:22	98-82-8	
Methyl acetate	ND	ug/kg	3.8	1		11/30/07 21:22	79-20-9	
Methylcyclohexane	ND	ug/kg	3.8	1		11/30/07 21:22	108-87-2	
Methylene chloride	ND	ug/kg	15.1	1		11/30/07 21:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.9	1		11/30/07 21:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1		11/30/07 21:22	1634-04-4	
Styrene	ND	ug/kg	3.8	1		11/30/07 21:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1		11/30/07 21:22	127-18-4	
Toluene	ND	ug/kg	3.8	1		11/30/07 21:22	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1		11/30/07 21:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1		11/30/07 21:22	79-00-5	
Trichloroethene	5080	ug/kg	222	50		12/03/07 15:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1		11/30/07 21:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.8	1		11/30/07 21:22	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0785(8-10)** Lab ID: **509466043** Collected: 11/19/07 15:19 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.8	1		11/30/07 21:22	75-01-4	
Xylene (Total)	ND	ug/kg	7.6	1		11/30/07 21:22	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		11/30/07 21:22	1868-53-7	
Toluene-d8 (S)	108	%	81-120	1		11/30/07 21:22	2037-26-5	
4-Bromofluorobenzene (S)	79	%	65-117	1		11/30/07 21:22	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0785(14-15) Lab ID: 509466044 Collected: 11/19/07 15:21 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	88.6	1		11/30/07 22:00	67-64-1	
Benzene	ND	ug/kg	4.4	1		11/30/07 22:00	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		11/30/07 22:00	75-27-4	
Bromoform	ND	ug/kg	4.4	1		11/30/07 22:00	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		11/30/07 22:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.2	1		11/30/07 22:00	78-93-3	
Carbon disulfide	ND	ug/kg	8.9	1		11/30/07 22:00	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		11/30/07 22:00	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		11/30/07 22:00	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	75-00-3	
Chloroform	ND	ug/kg	4.4	1		11/30/07 22:00	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		11/30/07 22:00	74-87-3	
Cyclohexane	ND	ug/kg	88.6	1		11/30/07 22:00	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		11/30/07 22:00	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		11/30/07 22:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		11/30/07 22:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		11/30/07 22:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		11/30/07 22:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		11/30/07 22:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		11/30/07 22:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		11/30/07 22:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		11/30/07 22:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		11/30/07 22:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		11/30/07 22:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/30/07 22:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/30/07 22:00	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		11/30/07 22:00	100-41-4	
2-Hexanone	ND	ug/kg	88.6	1		11/30/07 22:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		11/30/07 22:00	98-82-8	
Methyl acetate	ND	ug/kg	4.4	1		11/30/07 22:00	79-20-9	
Methylcyclohexane	ND	ug/kg	4.4	1		11/30/07 22:00	108-87-2	
Methylene chloride	ND	ug/kg	17.7	1		11/30/07 22:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.2	1		11/30/07 22:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		11/30/07 22:00	1634-04-4	
Styrene	ND	ug/kg	4.4	1		11/30/07 22:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		11/30/07 22:00	127-18-4	
Toluene	ND	ug/kg	4.4	1		11/30/07 22:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		11/30/07 22:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		11/30/07 22:00	79-00-5	
Trichloroethene	1.2J	ug/kg	4.4	1		11/30/07 22:00	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.4	1		11/30/07 22:00	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		11/30/07 22:00	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0785(14-15)** Lab ID: **509466044** Collected: 11/19/07 15:21 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.4	1		11/30/07 22:00	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	1		11/30/07 22:00	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	1		11/30/07 22:00	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1		11/30/07 22:00	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		11/30/07 22:00	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.4	%	0.10	1		11/29/07 14:15		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0784(0-2) Lab ID: 509466045 Collected: 11/19/07 15:37 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	94.5	1		12/03/07 12:25	67-64-1	
Benzene	ND	ug/kg	4.7	1		12/03/07 12:25	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		12/03/07 12:25	75-27-4	
Bromoform	ND	ug/kg	4.7	1		12/03/07 12:25	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		12/03/07 12:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.6	1		12/03/07 12:25	78-93-3	
Carbon disulfide	ND	ug/kg	9.5	1		12/03/07 12:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		12/03/07 12:25	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		12/03/07 12:25	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	75-00-3	
Chloroform	ND	ug/kg	4.7	1		12/03/07 12:25	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		12/03/07 12:25	74-87-3	
Cyclohexane	ND	ug/kg	94.5	1		12/03/07 12:25	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		12/03/07 12:25	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		12/03/07 12:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		12/03/07 12:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		12/03/07 12:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		12/03/07 12:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		12/03/07 12:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		12/03/07 12:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		12/03/07 12:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/03/07 12:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/03/07 12:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		12/03/07 12:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/03/07 12:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/03/07 12:25	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		12/03/07 12:25	100-41-4	
2-Hexanone	ND	ug/kg	94.5	1		12/03/07 12:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/03/07 12:25	98-82-8	
Methyl acetate	ND	ug/kg	4.7	1		12/03/07 12:25	79-20-9	
Methylcyclohexane	ND	ug/kg	4.7	1		12/03/07 12:25	108-87-2	
Methylene chloride	ND	ug/kg	18.9	1		12/03/07 12:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.6	1		12/03/07 12:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/03/07 12:25	1634-04-4	
Styrene	ND	ug/kg	4.7	1		12/03/07 12:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/03/07 12:25	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/03/07 12:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/03/07 12:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/03/07 12:25	79-00-5	
Trichloroethene	3.8J	ug/kg	4.7	1		12/03/07 12:25	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/03/07 12:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	1		12/03/07 12:25	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0784(0-2)** Lab ID: **509466045** Collected: 11/19/07 15:37 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.7	1		12/03/07 12:25	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	1		12/03/07 12:25	1330-20-7	
Dibromofluoromethane (S)	112	%	82-130	1		12/03/07 12:25	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1		12/03/07 12:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	65-117	1		12/03/07 12:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.2	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0784(8-10) Lab ID: 509466046 Collected: 11/19/07 15:39 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	90.7	1		12/03/07 13:03	67-64-1	
Benzene	ND	ug/kg	4.5	1		12/03/07 13:03	71-43-2	
Bromodichloromethane	ND	ug/kg	4.5	1		12/03/07 13:03	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/03/07 13:03	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		12/03/07 13:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.7	1		12/03/07 13:03	78-93-3	
Carbon disulfide	ND	ug/kg	9.1	1		12/03/07 13:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/03/07 13:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/03/07 13:03	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/03/07 13:03	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		12/03/07 13:03	74-87-3	
Cyclohexane	ND	ug/kg	90.7	1		12/03/07 13:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		12/03/07 13:03	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		12/03/07 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/03/07 13:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/03/07 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/03/07 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/03/07 13:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		12/03/07 13:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/03/07 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/03/07 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/03/07 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/03/07 13:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/03/07 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/03/07 13:03	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		12/03/07 13:03	100-41-4	
2-Hexanone	ND	ug/kg	90.7	1		12/03/07 13:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		12/03/07 13:03	98-82-8	
Methyl acetate	ND	ug/kg	4.5	1		12/03/07 13:03	79-20-9	
Methylcyclohexane	ND	ug/kg	4.5	1		12/03/07 13:03	108-87-2	
Methylene chloride	ND	ug/kg	18.1	1		12/03/07 13:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.7	1		12/03/07 13:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		12/03/07 13:03	1634-04-4	
Styrene	ND	ug/kg	4.5	1		12/03/07 13:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		12/03/07 13:03	127-18-4	
Toluene	ND	ug/kg	4.5	1		12/03/07 13:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/03/07 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/03/07 13:03	79-00-5	
Trichloroethene	142J	ug/kg	336	50		12/03/07 20:21	79-01-6	3d
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/03/07 13:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.5	1		12/03/07 13:03	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0784(8-10)** Lab ID: **509466046** Collected: 11/19/07 15:39 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.5	1		12/03/07 13:03	75-01-4	
Xylene (Total)	ND	ug/kg	9.1	1		12/03/07 13:03	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		12/03/07 13:03	1868-53-7	
Toluene-d8 (S)	98	%	81-120	1		12/03/07 13:03	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	1		12/03/07 13:03	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.9	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0784(14-15) Lab ID: 509466047 Collected: 11/19/07 15:41 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	106	1		12/03/07 20:40	67-64-1	
Benzene	1.23	ug/kg	5.3	1		12/03/07 20:40	71-43-2	J
Bromodichloromethane	ND	ug/kg	5.3	1		12/03/07 20:40	75-27-4	
Bromoform	ND	ug/kg	5.3	1		12/03/07 20:40	75-25-2	
Bromomethane	ND	ug/kg	5.3	1		12/03/07 20:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	26.5	1		12/03/07 20:40	78-93-3	
Carbon disulfide	ND	ug/kg	10.6	1		12/03/07 20:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.3	1		12/03/07 20:40	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1		12/03/07 20:40	108-90-7	
Chloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	75-00-3	
Chloroform	ND	ug/kg	5.3	1		12/03/07 20:40	67-66-3	
Chloromethane	ND	ug/kg	5.3	1		12/03/07 20:40	74-87-3	
Cyclohexane	ND	ug/kg	106	1		12/03/07 20:40	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1		12/03/07 20:40	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1		12/03/07 20:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1		12/03/07 20:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1		12/03/07 20:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1		12/03/07 20:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1		12/03/07 20:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.3	1		12/03/07 20:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	107-06-2	
1,1-Dichloroethene	24.5	ug/kg	5.3	1		12/03/07 20:40	75-35-4	
cis-1,2-Dichloroethene	181	ug/kg	5.3	1		12/03/07 20:40	156-59-2	
trans-1,2-Dichloroethene	15.1	ug/kg	5.3	1		12/03/07 20:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1		12/03/07 20:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1		12/03/07 20:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1		12/03/07 20:40	10061-02-6	
Ethylbenzene	ND	ug/kg	5.3	1		12/03/07 20:40	100-41-4	
2-Hexanone	ND	ug/kg	106	1		12/03/07 20:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1		12/03/07 20:40	98-82-8	
Methyl acetate	ND	ug/kg	5.3	1		12/03/07 20:40	79-20-9	
Methylcyclohexane	ND	ug/kg	5.3	1		12/03/07 20:40	108-87-2	
Methylene chloride	ND	ug/kg	21.2	1		12/03/07 20:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	26.5	1		12/03/07 20:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1		12/03/07 20:40	1634-04-4	
Styrene	ND	ug/kg	5.3	1		12/03/07 20:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1		12/03/07 20:40	127-18-4	
Toluene	ND	ug/kg	5.3	1		12/03/07 20:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1		12/03/07 20:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1		12/03/07 20:40	79-00-5	
Trichloroethene	513	ug/kg	128	25		12/03/07 13:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1		12/03/07 20:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.3	1		12/03/07 20:40	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0784(14-15) **Lab ID: 509466047** Collected: 11/19/07 15:41 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	5.3	1		12/03/07 20:40	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	1		12/03/07 20:40	1330-20-7	
Dibromofluoromethane (S)	92	%	82-130	1		12/03/07 20:40	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1		12/03/07 20:40	2037-26-5	
4-Bromofluorobenzene (S)	88	%	65-117	1		12/03/07 20:40	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.3	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0783(8-10) Lab ID: 509466048 Collected: 11/19/07 15:58 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	2590	25		12/03/07 14:20	67-64-1	
Benzene	ND	ug/kg	130	25		12/03/07 14:20	71-43-2	
Bromodichloromethane	ND	ug/kg	130	25		12/03/07 14:20	75-27-4	
Bromoform	ND	ug/kg	130	25		12/03/07 14:20	75-25-2	
Bromomethane	ND	ug/kg	130	25		12/03/07 14:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	648	25		12/03/07 14:20	78-93-3	
Carbon disulfide	ND	ug/kg	259	25		12/03/07 14:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	130	25		12/03/07 14:20	56-23-5	
Chlorobenzene	ND	ug/kg	130	25		12/03/07 14:20	108-90-7	
Chloroethane	ND	ug/kg	130	25		12/03/07 14:20	75-00-3	
Chloroform	ND	ug/kg	130	25		12/03/07 14:20	67-66-3	
Chloromethane	ND	ug/kg	130	25		12/03/07 14:20	74-87-3	
Cyclohexane	ND	ug/kg	2590	25		12/03/07 14:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	130	25		12/03/07 14:20	96-12-8	
Dibromochloromethane	ND	ug/kg	130	25		12/03/07 14:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	130	25		12/03/07 14:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	130	25		12/03/07 14:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	130	25		12/03/07 14:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	130	25		12/03/07 14:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	130	25		12/03/07 14:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	130	25		12/03/07 14:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	130	25		12/03/07 14:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	130	25		12/03/07 14:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	130	25		12/03/07 14:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	130	25		12/03/07 14:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	130	25		12/03/07 14:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	130	25		12/03/07 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	130	25		12/03/07 14:20	10061-02-6	
Ethylbenzene	ND	ug/kg	130	25		12/03/07 14:20	100-41-4	
2-Hexanone	ND	ug/kg	2590	25		12/03/07 14:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	130	25		12/03/07 14:20	98-82-8	
Methyl acetate	ND	ug/kg	130	25		12/03/07 14:20	79-20-9	
Methylcyclohexane	ND	ug/kg	130	25		12/03/07 14:20	108-87-2	
Methylene chloride	712	ug/kg	518	25		12/03/07 14:20	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	648	25		12/03/07 14:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	130	25		12/03/07 14:20	1634-04-4	
Styrene	ND	ug/kg	130	25		12/03/07 14:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	130	25		12/03/07 14:20	79-34-5	
Tetrachloroethene	ND	ug/kg	130	25		12/03/07 14:20	127-18-4	
Toluene	ND	ug/kg	130	25		12/03/07 14:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	130	25		12/03/07 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	130	25		12/03/07 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	130	25		12/03/07 14:20	79-00-5	
Trichloroethene	9840	ug/kg	518	100		12/03/07 20:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	130	25		12/03/07 14:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	130	25		12/03/07 14:20	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0783(8-10)** Lab ID: **509466048** Collected: 11/19/07 15:58 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	130	25		12/03/07 14:20	75-01-4	
Xylene (Total)	ND	ug/kg	259	25		12/03/07 14:20	1330-20-7	
Dibromofluoromethane (S)	111	%	82-130	25		12/03/07 14:20	1868-53-7	D4
Toluene-d8 (S)	88	%	81-120	25		12/03/07 14:20	2037-26-5	
4-Bromofluorobenzene (S)	103	%	65-117	25		12/03/07 14:20	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0783(14-15) Lab ID: 509466049 Collected: 11/19/07 16:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	79.3	1		12/01/07 03:22	67-64-1	
Benzene	ND	ug/kg	4.0	1		12/01/07 03:22	71-43-2	
Bromodichloromethane	ND	ug/kg	4.0	1		12/01/07 03:22	75-27-4	
Bromoform	ND	ug/kg	4.0	1		12/01/07 03:22	75-25-2	
Bromomethane	ND	ug/kg	4.0	1		12/01/07 03:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.8	1		12/01/07 03:22	78-93-3	
Carbon disulfide	ND	ug/kg	7.9	1		12/01/07 03:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1		12/01/07 03:22	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		12/01/07 03:22	108-90-7	
Chloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	75-00-3	
Chloroform	ND	ug/kg	4.0	1		12/01/07 03:22	67-66-3	
Chloromethane	ND	ug/kg	4.0	1		12/01/07 03:22	74-87-3	
Cyclohexane	ND	ug/kg	79.3	1		12/01/07 03:22	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	1		12/01/07 03:22	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1		12/01/07 03:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1		12/01/07 03:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 03:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 03:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 03:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.0	1		12/01/07 03:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.0	1		12/01/07 03:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/01/07 03:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/01/07 03:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1		12/01/07 03:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/01/07 03:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/01/07 03:22	10061-02-6	
Ethylbenzene	ND	ug/kg	4.0	1		12/01/07 03:22	100-41-4	
2-Hexanone	ND	ug/kg	79.3	1		12/01/07 03:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		12/01/07 03:22	98-82-8	
Methyl acetate	ND	ug/kg	4.0	1		12/01/07 03:22	79-20-9	
Methylcyclohexane	ND	ug/kg	4.0	1		12/01/07 03:22	108-87-2	
Methylene chloride	ND	ug/kg	15.9	1		12/01/07 03:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.8	1		12/01/07 03:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		12/01/07 03:22	1634-04-4	
Styrene	ND	ug/kg	4.0	1		12/01/07 03:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1		12/01/07 03:22	127-18-4	
Toluene	ND	ug/kg	4.0	1		12/01/07 03:22	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1		12/01/07 03:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		12/01/07 03:22	79-00-5	
Trichloroethene	2.1J	ug/kg	4.0	1		12/01/07 03:22	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.0	1		12/01/07 03:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	1		12/01/07 03:22	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0783(14-15)** Lab ID: **509466049** Collected: 11/19/07 16:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.0	1		12/01/07 03:22	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	1		12/01/07 03:22	1330-20-7	
Dibromofluoromethane (S)	115	%	82-130	1		12/01/07 03:22	1868-53-7	
Toluene-d8 (S)	103	%	81-120	1		12/01/07 03:22	2037-26-5	
4-Bromofluorobenzene (S)	86	%	65-117	1		12/01/07 03:22	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.2	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0779(8-10) Lab ID: 509466050 Collected: 11/20/07 07:47 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	5940	50		12/03/07 16:13	67-64-1	
Benzene	ND	ug/kg	297	50		12/03/07 16:13	71-43-2	
Bromodichloromethane	ND	ug/kg	297	50		12/03/07 16:13	75-27-4	
Bromoform	ND	ug/kg	297	50		12/03/07 16:13	75-25-2	
Bromomethane	ND	ug/kg	297	50		12/03/07 16:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1480	50		12/03/07 16:13	78-93-3	
Carbon disulfide	ND	ug/kg	594	50		12/03/07 16:13	75-15-0	
Carbon tetrachloride	ND	ug/kg	297	50		12/03/07 16:13	56-23-5	
Chlorobenzene	ND	ug/kg	297	50		12/03/07 16:13	108-90-7	
Chloroethane	ND	ug/kg	297	50		12/03/07 16:13	75-00-3	
Chloroform	ND	ug/kg	297	50		12/03/07 16:13	67-66-3	
Chloromethane	ND	ug/kg	297	50		12/03/07 16:13	74-87-3	
Cyclohexane	ND	ug/kg	5940	50		12/03/07 16:13	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	297	50		12/03/07 16:13	96-12-8	
Dibromochloromethane	ND	ug/kg	297	50		12/03/07 16:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	297	50		12/03/07 16:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	297	50		12/03/07 16:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	297	50		12/03/07 16:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	297	50		12/03/07 16:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	297	50		12/03/07 16:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	297	50		12/03/07 16:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	297	50		12/03/07 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	297	50		12/03/07 16:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	297	50		12/03/07 16:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	297	50		12/03/07 16:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	297	50		12/03/07 16:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	297	50		12/03/07 16:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	297	50		12/03/07 16:13	10061-02-6	
Ethylbenzene	ND	ug/kg	297	50		12/03/07 16:13	100-41-4	
2-Hexanone	ND	ug/kg	5940	50		12/03/07 16:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	297	50		12/03/07 16:13	98-82-8	
Methyl acetate	ND	ug/kg	297	50		12/03/07 16:13	79-20-9	
Methylcyclohexane	ND	ug/kg	297	50		12/03/07 16:13	108-87-2	
Methylene chloride	ND	ug/kg	1190	50		12/03/07 16:13	75-09-2	4d
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1480	50		12/03/07 16:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	297	50		12/03/07 16:13	1634-04-4	
Styrene	ND	ug/kg	297	50		12/03/07 16:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	297	50		12/03/07 16:13	79-34-5	
Tetrachloroethene	ND	ug/kg	297	50		12/03/07 16:13	127-18-4	
Toluene	ND	ug/kg	297	50		12/03/07 16:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	297	50		12/03/07 16:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	297	50		12/03/07 16:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	297	50		12/03/07 16:13	79-00-5	
Trichloroethene	11300	ug/kg	297	50		12/03/07 16:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	297	50		12/03/07 16:13	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	297	50		12/03/07 16:13	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0779(8-10)** Lab ID: **509466050** Collected: 11/20/07 07:47 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	297	50		12/03/07 16:13	75-01-4	
Xylene (Total)	ND	ug/kg	594	50		12/03/07 16:13	1330-20-7	
Dibromofluoromethane (S)	102	%	82-130	50		12/03/07 16:13	1868-53-7	D4
Toluene-d8 (S)	86	%	81-120	50		12/03/07 16:13	2037-26-5	
4-Bromofluorobenzene (S)	100	%	65-117	50		12/03/07 16:13	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.1	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0779(14-15) Lab ID: 509466051 Collected: 11/20/07 07:52 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86.6	1		12/03/07 18:08	67-64-1	
Benzene	ND	ug/kg	4.3	1		12/03/07 18:08	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		12/03/07 18:08	75-27-4	
Bromoform	ND	ug/kg	4.3	1		12/03/07 18:08	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		12/03/07 18:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.7	1		12/03/07 18:08	78-93-3	
Carbon disulfide	ND	ug/kg	8.7	1		12/03/07 18:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		12/03/07 18:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		12/03/07 18:08	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	75-00-3	
Chloroform	ND	ug/kg	4.3	1		12/03/07 18:08	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		12/03/07 18:08	74-87-3	
Cyclohexane	ND	ug/kg	86.6	1		12/03/07 18:08	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		12/03/07 18:08	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		12/03/07 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		12/03/07 18:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		12/03/07 18:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		12/03/07 18:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		12/03/07 18:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		12/03/07 18:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		12/03/07 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/03/07 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/03/07 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		12/03/07 18:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/03/07 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/03/07 18:08	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		12/03/07 18:08	100-41-4	
2-Hexanone	ND	ug/kg	86.6	1		12/03/07 18:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		12/03/07 18:08	98-82-8	
Methyl acetate	ND	ug/kg	4.3	1		12/03/07 18:08	79-20-9	
Methylcyclohexane	ND	ug/kg	4.3	1		12/03/07 18:08	108-87-2	
Methylene chloride	ND	ug/kg	17.3	1		12/03/07 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.7	1		12/03/07 18:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		12/03/07 18:08	1634-04-4	
Styrene	ND	ug/kg	4.3	1		12/03/07 18:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		12/03/07 18:08	127-18-4	
Toluene	ND	ug/kg	4.3	1		12/03/07 18:08	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		12/03/07 18:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		12/03/07 18:08	79-00-5	
Trichloroethene	5230	ug/kg	282	50		12/03/07 18:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		12/03/07 18:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		12/03/07 18:08	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0779(14-15)** Lab ID: **509466051** Collected: 11/20/07 07:52 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.3	1		12/03/07 18:08	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		12/03/07 18:08	1330-20-7	
Dibromofluoromethane (S)	112	%	82-130	1		12/03/07 18:08	1868-53-7	
Toluene-d8 (S)	93	%	81-120	1		12/03/07 18:08	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-117	1		12/03/07 18:08	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.6	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0780(8-10) Lab ID: 509466052 Collected: 11/20/07 08:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86.8	1		12/01/07 06:30	67-64-1	
Benzene	ND	ug/kg	4.3	1		12/01/07 06:30	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		12/01/07 06:30	75-27-4	
Bromoform	ND	ug/kg	4.3	1		12/01/07 06:30	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		12/01/07 06:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.7	1		12/01/07 06:30	78-93-3	
Carbon disulfide	ND	ug/kg	8.7	1		12/01/07 06:30	75-15-0	
Carbon tetrachloride	10.1	ug/kg	4.3	1		12/01/07 06:30	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		12/01/07 06:30	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		12/01/07 06:30	75-00-3	
Chloroform	ND	ug/kg	4.3	1		12/01/07 06:30	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		12/01/07 06:30	74-87-3	
Cyclohexane	ND	ug/kg	86.8	1		12/01/07 06:30	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		12/01/07 06:30	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		12/01/07 06:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		12/01/07 06:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		12/01/07 06:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		12/01/07 06:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		12/01/07 06:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		12/01/07 06:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		12/01/07 06:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		12/01/07 06:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		12/01/07 06:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/01/07 06:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		12/01/07 06:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		12/01/07 06:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/01/07 06:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		12/01/07 06:30	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		12/01/07 06:30	100-41-4	
2-Hexanone	ND	ug/kg	86.8	1		12/01/07 06:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		12/01/07 06:30	98-82-8	
Methyl acetate	ND	ug/kg	4.3	1		12/01/07 06:30	79-20-9	
Methylcyclohexane	ND	ug/kg	4.3	1		12/01/07 06:30	108-87-2	
Methylene chloride	ND	ug/kg	17.4	1		12/01/07 06:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.7	1		12/01/07 06:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		12/01/07 06:30	1634-04-4	
Styrene	ND	ug/kg	4.3	1		12/01/07 06:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		12/01/07 06:30	79-34-5	
Tetrachloroethene	5.7	ug/kg	4.3	1		12/01/07 06:30	127-18-4	
Toluene	ND	ug/kg	4.3	1		12/01/07 06:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		12/01/07 06:30	120-82-1	
1,1,1-Trichloroethane	60.6	ug/kg	4.3	1		12/01/07 06:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		12/01/07 06:30	79-00-5	
Trichloroethene	16100	ug/kg	411	100		12/03/07 19:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		12/01/07 06:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		12/01/07 06:30	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0780(8-10) **Lab ID: 509466052** Collected: 11/20/07 08:00 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.3	1		12/01/07 06:30	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		12/01/07 06:30	1330-20-7	
Dibromofluoromethane (S)	101	%	82-130	1		12/01/07 06:30	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1		12/01/07 06:30	2037-26-5	
4-Bromofluorobenzene (S)	89	%	65-117	1		12/01/07 06:30	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.2	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0780(14-15) Lab ID: 509466053 Collected: 11/20/07 08:03 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	6110	50		12/03/07 19:43	67-64-1	
Benzene	ND	ug/kg	306	50		12/03/07 19:43	71-43-2	
Bromodichloromethane	ND	ug/kg	306	50		12/03/07 19:43	75-27-4	
Bromoform	ND	ug/kg	306	50		12/03/07 19:43	75-25-2	
Bromomethane	ND	ug/kg	306	50		12/03/07 19:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1530	50		12/03/07 19:43	78-93-3	
Carbon disulfide	ND	ug/kg	611	50		12/03/07 19:43	75-15-0	
Carbon tetrachloride	ND	ug/kg	306	50		12/03/07 19:43	56-23-5	
Chlorobenzene	ND	ug/kg	306	50		12/03/07 19:43	108-90-7	
Chloroethane	ND	ug/kg	306	50		12/03/07 19:43	75-00-3	
Chloroform	ND	ug/kg	306	50		12/03/07 19:43	67-66-3	
Chloromethane	ND	ug/kg	306	50		12/03/07 19:43	74-87-3	
Cyclohexane	ND	ug/kg	6110	50		12/03/07 19:43	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	306	50		12/03/07 19:43	96-12-8	
Dibromochloromethane	ND	ug/kg	306	50		12/03/07 19:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	306	50		12/03/07 19:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	306	50		12/03/07 19:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	306	50		12/03/07 19:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	306	50		12/03/07 19:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	306	50		12/03/07 19:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	306	50		12/03/07 19:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	306	50		12/03/07 19:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	306	50		12/03/07 19:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	306	50		12/03/07 19:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	306	50		12/03/07 19:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	306	50		12/03/07 19:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	306	50		12/03/07 19:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	306	50		12/03/07 19:43	10061-02-6	
Ethylbenzene	ND	ug/kg	306	50		12/03/07 19:43	100-41-4	
2-Hexanone	ND	ug/kg	6110	50		12/03/07 19:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	306	50		12/03/07 19:43	98-82-8	
Methyl acetate	ND	ug/kg	306	50		12/03/07 19:43	79-20-9	
Methylcyclohexane	ND	ug/kg	306	50		12/03/07 19:43	108-87-2	
Methylene chloride	ND	ug/kg	1220	50		12/03/07 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1530	50		12/03/07 19:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	306	50		12/03/07 19:43	1634-04-4	
Styrene	ND	ug/kg	306	50		12/03/07 19:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	306	50		12/03/07 19:43	79-34-5	
Tetrachloroethene	ND	ug/kg	306	50		12/03/07 19:43	127-18-4	
Toluene	ND	ug/kg	306	50		12/03/07 19:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	306	50		12/03/07 19:43	120-82-1	
1,1,1-Trichloroethane	162J	ug/kg	306	50		12/03/07 19:43	71-55-6	J
1,1,2-Trichloroethane	ND	ug/kg	306	50		12/03/07 19:43	79-00-5	
Trichloroethene	39800	ug/kg	3060	500		12/01/07 07:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	306	50		12/03/07 19:43	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	306	50		12/03/07 19:43	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0780(14-15)** Lab ID: **509466053** Collected: 11/20/07 08:03 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	306	50		12/03/07 19:43	75-01-4	
Xylene (Total)	ND	ug/kg	611	50		12/03/07 19:43	1330-20-7	
Dibromofluoromethane (S)	107	%	82-130	50		12/03/07 19:43	1868-53-7	D4
Toluene-d8 (S)	93	%	81-120	50		12/03/07 19:43	2037-26-5	
4-Bromofluorobenzene (S)	98	%	65-117	50		12/03/07 19:43	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.8	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0781(8-10) Lab ID: 509466054 Collected: 11/20/07 08:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	4530	50		12/03/07 18:27	67-64-1	
Benzene	ND	ug/kg	226	50		12/03/07 18:27	71-43-2	
Bromodichloromethane	ND	ug/kg	226	50		12/03/07 18:27	75-27-4	
Bromoform	ND	ug/kg	226	50		12/03/07 18:27	75-25-2	
Bromomethane	ND	ug/kg	226	50		12/03/07 18:27	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1130	50		12/03/07 18:27	78-93-3	
Carbon disulfide	ND	ug/kg	453	50		12/03/07 18:27	75-15-0	
Carbon tetrachloride	389	ug/kg	226	50		12/03/07 18:27	56-23-5	
Chlorobenzene	ND	ug/kg	226	50		12/03/07 18:27	108-90-7	
Chloroethane	ND	ug/kg	226	50		12/03/07 18:27	75-00-3	
Chloroform	ND	ug/kg	226	50		12/03/07 18:27	67-66-3	
Chloromethane	ND	ug/kg	226	50		12/03/07 18:27	74-87-3	
Cyclohexane	ND	ug/kg	4530	50		12/03/07 18:27	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	226	50		12/03/07 18:27	96-12-8	
Dibromochloromethane	ND	ug/kg	226	50		12/03/07 18:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	226	50		12/03/07 18:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	226	50		12/03/07 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	226	50		12/03/07 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	226	50		12/03/07 18:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	226	50		12/03/07 18:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	226	50		12/03/07 18:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	226	50		12/03/07 18:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	226	50		12/03/07 18:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	226	50		12/03/07 18:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	226	50		12/03/07 18:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	226	50		12/03/07 18:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	226	50		12/03/07 18:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	226	50		12/03/07 18:27	10061-02-6	
Ethylbenzene	ND	ug/kg	226	50		12/03/07 18:27	100-41-4	
2-Hexanone	ND	ug/kg	4530	50		12/03/07 18:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	226	50		12/03/07 18:27	98-82-8	
Methyl acetate	ND	ug/kg	226	50		12/03/07 18:27	79-20-9	
Methylcyclohexane	ND	ug/kg	226	50		12/03/07 18:27	108-87-2	
Methylene chloride	ND	ug/kg	905	50		12/03/07 18:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1130	50		12/03/07 18:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	226	50		12/03/07 18:27	1634-04-4	
Styrene	ND	ug/kg	226	50		12/03/07 18:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	226	50		12/03/07 18:27	79-34-5	
Tetrachloroethene	ND	ug/kg	226	50		12/03/07 18:27	127-18-4	J
Toluene	ND	ug/kg	226	50		12/03/07 18:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	226	50		12/03/07 18:27	120-82-1	
1,1,1-Trichloroethane	309	ug/kg	226	50		12/03/07 18:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	226	50		12/03/07 18:27	79-00-5	
Trichloroethene	41200	ug/kg	2260	500		12/01/07 07:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	226	50		12/03/07 18:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	226	50		12/03/07 18:27	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0781(8-10)** Lab ID: **509466054** Collected: 11/20/07 08:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	226	50		12/03/07 18:27	75-01-4	
Xylene (Total)	ND	ug/kg	453	50		12/03/07 18:27	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	50		12/03/07 18:27	1868-53-7	D4
Toluene-d8 (S)	93	%	81-120	50		12/03/07 18:27	2037-26-5	
4-Bromofluorobenzene (S)	94	%	65-117	50		12/03/07 18:27	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.4	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0781(14-15) Lab ID: 509466055 Collected: 11/20/07 08:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	73.2	1		12/01/07 08:23	67-64-1	
Benzene	ND	ug/kg	3.7	1		12/01/07 08:23	71-43-2	
Bromodichloromethane	ND	ug/kg	3.7	1		12/01/07 08:23	75-27-4	
Bromoform	ND	ug/kg	3.7	1		12/01/07 08:23	75-25-2	
Bromomethane	ND	ug/kg	3.7	1		12/01/07 08:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	18.3	1		12/01/07 08:23	78-93-3	
Carbon disulfide	ND	ug/kg	7.3	1		12/01/07 08:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.7	1		12/01/07 08:23	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	1		12/01/07 08:23	108-90-7	
Chloroethane	ND	ug/kg	3.7	1		12/01/07 08:23	75-00-3	
Chloroform	ND	ug/kg	3.7	1		12/01/07 08:23	67-66-3	
Chloromethane	ND	ug/kg	3.7	1		12/01/07 08:23	74-87-3	
Cyclohexane	ND	ug/kg	73.2	1		12/01/07 08:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.7	1		12/01/07 08:23	96-12-8	
Dibromochloromethane	ND	ug/kg	3.7	1		12/01/07 08:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	1		12/01/07 08:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	1		12/01/07 08:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.7	1		12/01/07 08:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.7	1		12/01/07 08:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.7	1		12/01/07 08:23	75-71-8	
1,1-Dichloroethane	160	ug/kg	3.7	1		12/01/07 08:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.7	1		12/01/07 08:23	107-06-2	
1,1-Dichloroethene	10.6	ug/kg	3.7	1		12/01/07 08:23	75-35-4	
cis-1,2-Dichloroethene	1090	ug/kg	325	50		12/03/07 19:24	156-59-2	
trans-1,2-Dichloroethene	23.9	ug/kg	3.7	1		12/01/07 08:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.7	1		12/01/07 08:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	1		12/01/07 08:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	1		12/01/07 08:23	10061-02-6	
Ethylbenzene	ND	ug/kg	3.7	1		12/01/07 08:23	100-41-4	
2-Hexanone	ND	ug/kg	73.2	1		12/01/07 08:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1		12/01/07 08:23	98-82-8	
Methyl acetate	ND	ug/kg	3.7	1		12/01/07 08:23	79-20-9	
Methylcyclohexane	ND	ug/kg	3.7	1		12/01/07 08:23	108-87-2	
Methylene chloride	ND	ug/kg	14.6	1		12/01/07 08:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.3	1		12/01/07 08:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.7	1		12/01/07 08:23	1634-04-4	
Styrene	ND	ug/kg	3.7	1		12/01/07 08:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1		12/01/07 08:23	79-34-5	
Tetrachloroethene	ND	ug/kg	3.7	1		12/01/07 08:23	127-18-4	
Toluene	ND	ug/kg	3.7	1		12/01/07 08:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1		12/01/07 08:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1		12/01/07 08:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1		12/01/07 08:23	79-00-5	
Trichloroethene	9690	ug/kg	325	50		12/03/07 19:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	1		12/01/07 08:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	1		12/01/07 08:23	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0781(14-15)** Lab ID: **509466055** Collected: 11/20/07 08:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	1.3J	ug/kg	3.7	1		12/01/07 08:23	75-01-4	J
Xylene (Total)	ND	ug/kg	7.3	1		12/01/07 08:23	1330-20-7	
Dibromofluoromethane (S)	114	%	82-130	1		12/01/07 08:23	1868-53-7	
Toluene-d8 (S)	91	%	81-120	1		12/01/07 08:23	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		12/01/07 08:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.9	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0782(8-10) Lab ID: 509466056 Collected: 11/20/07 08:28 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	7080	50		12/03/07 20:02	67-64-1	
Benzene	ND	ug/kg	354	50		12/03/07 20:02	71-43-2	
Bromodichloromethane	ND	ug/kg	354	50		12/03/07 20:02	75-27-4	
Bromoform	ND	ug/kg	354	50		12/03/07 20:02	75-25-2	
Bromomethane	ND	ug/kg	354	50		12/03/07 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1770	50		12/03/07 20:02	78-93-3	
Carbon disulfide	ND	ug/kg	708	50		12/03/07 20:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	354	50		12/03/07 20:02	56-23-5	
Chlorobenzene	ND	ug/kg	354	50		12/03/07 20:02	108-90-7	
Chloroethane	ND	ug/kg	354	50		12/03/07 20:02	75-00-3	
Chloroform	ND	ug/kg	354	50		12/03/07 20:02	67-66-3	
Chloromethane	ND	ug/kg	354	50		12/03/07 20:02	74-87-3	
Cyclohexane	ND	ug/kg	7080	50		12/03/07 20:02	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	354	50		12/03/07 20:02	96-12-8	
Dibromochloromethane	ND	ug/kg	354	50		12/03/07 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	354	50		12/03/07 20:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	354	50		12/03/07 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	354	50		12/03/07 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	354	50		12/03/07 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	354	50		12/03/07 20:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	354	50		12/03/07 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	354	50		12/03/07 20:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	354	50		12/03/07 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	354	50		12/03/07 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	354	50		12/03/07 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	354	50		12/03/07 20:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	354	50		12/03/07 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	354	50		12/03/07 20:02	10061-02-6	
Ethylbenzene	ND	ug/kg	354	50		12/03/07 20:02	100-41-4	
2-Hexanone	ND	ug/kg	7080	50		12/03/07 20:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	354	50		12/03/07 20:02	98-82-8	
Methyl acetate	ND	ug/kg	354	50		12/03/07 20:02	79-20-9	
Methylcyclohexane	ND	ug/kg	354	50		12/03/07 20:02	108-87-2	
Methylene chloride	ND	ug/kg	1420	50		12/03/07 20:02	75-09-2	5d
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1770	50		12/03/07 20:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	354	50		12/03/07 20:02	1634-04-4	
Styrene	ND	ug/kg	354	50		12/03/07 20:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	354	50		12/03/07 20:02	79-34-5	
Tetrachloroethene	ND	ug/kg	354	50		12/03/07 20:02	127-18-4	
Toluene	ND	ug/kg	354	50		12/03/07 20:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	354	50		12/03/07 20:02	120-82-1	
1,1,1-Trichloroethane	129J	ug/kg	354	50		12/03/07 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	354	50		12/03/07 20:02	79-00-5	
Trichloroethene	29900	ug/kg	3540	500		12/01/07 09:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	354	50		12/03/07 20:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	354	50		12/03/07 20:02	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0782(8-10)** Lab ID: **509466056** Collected: 11/20/07 08:28 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	354	50		12/03/07 20:02	75-01-4	
Xylene (Total)	ND	ug/kg	708	50		12/03/07 20:02	1330-20-7	
Dibromofluoromethane (S)	100	%	82-130	50		12/03/07 20:02	1868-53-7	D4
Toluene-d8 (S)	86	%	81-120	50		12/03/07 20:02	2037-26-5	
4-Bromofluorobenzene (S)	104	%	65-117	50		12/03/07 20:02	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.8	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0782(14-15) Lab ID: 509466057 Collected: 11/20/07 08:30 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	127	1		12/01/07 09:39	67-64-1	
Benzene	ND	ug/kg	6.4	1		12/01/07 09:39	71-43-2	
Bromodichloromethane	ND	ug/kg	6.4	1		12/01/07 09:39	75-27-4	
Bromoform	ND	ug/kg	6.4	1		12/01/07 09:39	75-25-2	
Bromomethane	ND	ug/kg	6.4	1		12/01/07 09:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	31.8	1		12/01/07 09:39	78-93-3	
Carbon disulfide	ND	ug/kg	12.7	1		12/01/07 09:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.4	1		12/01/07 09:39	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1		12/01/07 09:39	108-90-7	
Chloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	75-00-3	
Chloroform	ND	ug/kg	6.4	1		12/01/07 09:39	67-66-3	
Chloromethane	ND	ug/kg	6.4	1		12/01/07 09:39	74-87-3	
Cyclohexane	ND	ug/kg	127	1		12/01/07 09:39	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	1		12/01/07 09:39	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	1		12/01/07 09:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	1		12/01/07 09:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.4	1		12/01/07 09:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	1		12/01/07 09:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1		12/01/07 09:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.4	1		12/01/07 09:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	1		12/01/07 09:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	1		12/01/07 09:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	1		12/01/07 09:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1		12/01/07 09:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1		12/01/07 09:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1		12/01/07 09:39	10061-02-6	
Ethylbenzene	ND	ug/kg	6.4	1		12/01/07 09:39	100-41-4	
2-Hexanone	ND	ug/kg	127	1		12/01/07 09:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	1		12/01/07 09:39	98-82-8	
Methyl acetate	ND	ug/kg	6.4	1		12/01/07 09:39	79-20-9	
Methylcyclohexane	ND	ug/kg	6.4	1		12/01/07 09:39	108-87-2	
Methylene chloride	ND	ug/kg	25.4	1		12/01/07 09:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	31.8	1		12/01/07 09:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	1		12/01/07 09:39	1634-04-4	
Styrene	ND	ug/kg	6.4	1		12/01/07 09:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	1		12/01/07 09:39	127-18-4	
Toluene	ND	ug/kg	6.4	1		12/01/07 09:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	1		12/01/07 09:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	1		12/01/07 09:39	79-00-5	
Trichloroethene	2.6J	ug/kg	6.4	1		12/01/07 09:39	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	6.4	1		12/01/07 09:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.4	1		12/01/07 09:39	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0782(14-15)** Lab ID: **509466057** Collected: 11/20/07 08:30 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6.4	1		12/01/07 09:39	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1		12/01/07 09:39	1330-20-7	
Dibromofluoromethane (S)	118	%	82-130	1		12/01/07 09:39	1868-53-7	
Toluene-d8 (S)	91	%	81-120	1		12/01/07 09:39	2037-26-5	
4-Bromofluorobenzene (S)	88	%	65-117	1		12/01/07 09:39	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.2	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0787(0-2) Lab ID: 509466058 Collected: 11/20/07 08:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	185	1		12/03/07 15:54	67-64-1	
Benzene	ND	ug/kg	9.3	1		12/03/07 15:54	71-43-2	
Bromodichloromethane	ND	ug/kg	9.3	1		12/03/07 15:54	75-27-4	
Bromoform	ND	ug/kg	9.3	1		12/03/07 15:54	75-25-2	
Bromomethane	ND	ug/kg	9.3	1		12/03/07 15:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	46.3	1		12/03/07 15:54	78-93-3	
Carbon disulfide	ND	ug/kg	18.5	1		12/03/07 15:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	9.3	1		12/03/07 15:54	56-23-5	
Chlorobenzene	ND	ug/kg	9.3	1		12/03/07 15:54	108-90-7	
Chloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	75-00-3	
Chloroform	ND	ug/kg	9.3	1		12/03/07 15:54	67-66-3	
Chloromethane	ND	ug/kg	9.3	1		12/03/07 15:54	74-87-3	
Cyclohexane	ND	ug/kg	185	1		12/03/07 15:54	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	1		12/03/07 15:54	96-12-8	
Dibromochloromethane	ND	ug/kg	9.3	1		12/03/07 15:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.3	1		12/03/07 15:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	9.3	1		12/03/07 15:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.3	1		12/03/07 15:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.3	1		12/03/07 15:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1		12/03/07 15:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.3	1		12/03/07 15:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.3	1		12/03/07 15:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.3	1		12/03/07 15:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.3	1		12/03/07 15:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	9.3	1		12/03/07 15:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.3	1		12/03/07 15:54	10061-02-6	
Ethylbenzene	ND	ug/kg	9.3	1		12/03/07 15:54	100-41-4	
2-Hexanone	ND	ug/kg	185	1		12/03/07 15:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.3	1		12/03/07 15:54	98-82-8	
Methyl acetate	ND	ug/kg	9.3	1		12/03/07 15:54	79-20-9	
Methylcyclohexane	ND	ug/kg	9.3	1		12/03/07 15:54	108-87-2	
Methylene chloride	ND	ug/kg	37.0	1		12/03/07 15:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.3	1		12/03/07 15:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.3	1		12/03/07 15:54	1634-04-4	
Styrene	ND	ug/kg	9.3	1		12/03/07 15:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	79-34-5	
Tetrachloroethene	ND	ug/kg	9.3	1		12/03/07 15:54	127-18-4	
Toluene	ND	ug/kg	9.3	1		12/03/07 15:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	9.3	1		12/03/07 15:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.3	1		12/03/07 15:54	79-00-5	
Trichloroethene	2.3J	ug/kg	9.3	1		12/03/07 15:54	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	9.3	1		12/03/07 15:54	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	9.3	1		12/03/07 15:54	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0787(0-2)** Lab ID: **509466058** Collected: 11/20/07 08:51 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	9.3	1		12/03/07 15:54	75-01-4	
Xylene (Total)	ND	ug/kg	18.5	1		12/03/07 15:54	1330-20-7	
Dibromofluoromethane (S)	104	%	82-130	1		12/03/07 15:54	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1		12/03/07 15:54	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	1		12/03/07 15:54	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0787(8-10) Lab ID: 509466059 Collected: 11/20/07 08:53 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	4730	50		12/03/07 16:33	67-64-1	
Benzene	ND	ug/kg	236	50		12/03/07 16:33	71-43-2	
Bromodichloromethane	ND	ug/kg	236	50		12/03/07 16:33	75-27-4	
Bromoform	ND	ug/kg	236	50		12/03/07 16:33	75-25-2	
Bromomethane	ND	ug/kg	236	50		12/03/07 16:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1180	50		12/03/07 16:33	78-93-3	
Carbon disulfide	ND	ug/kg	473	50		12/03/07 16:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	236	50		12/03/07 16:33	56-23-5	
Chlorobenzene	ND	ug/kg	236	50		12/03/07 16:33	108-90-7	
Chloroethane	ND	ug/kg	236	50		12/03/07 16:33	75-00-3	
Chloroform	ND	ug/kg	236	50		12/03/07 16:33	67-66-3	
Chloromethane	ND	ug/kg	236	50		12/03/07 16:33	74-87-3	
Cyclohexane	ND	ug/kg	4730	50		12/03/07 16:33	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	236	50		12/03/07 16:33	96-12-8	
Dibromochloromethane	ND	ug/kg	236	50		12/03/07 16:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	236	50		12/03/07 16:33	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	236	50		12/03/07 16:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	236	50		12/03/07 16:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	236	50		12/03/07 16:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	236	50		12/03/07 16:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	236	50		12/03/07 16:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	236	50		12/03/07 16:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	236	50		12/03/07 16:33	75-35-4	
cis-1,2-Dichloroethene	1960	ug/kg	236	50		12/03/07 16:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	236	50		12/03/07 16:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	236	50		12/03/07 16:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	236	50		12/03/07 16:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	236	50		12/03/07 16:33	10061-02-6	
Ethylbenzene	ND	ug/kg	236	50		12/03/07 16:33	100-41-4	
2-Hexanone	ND	ug/kg	4730	50		12/03/07 16:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	236	50		12/03/07 16:33	98-82-8	
Methyl acetate	ND	ug/kg	236	50		12/03/07 16:33	79-20-9	
Methylcyclohexane	ND	ug/kg	236	50		12/03/07 16:33	108-87-2	
Methylene chloride	ND	ug/kg	946	50		12/03/07 16:33	75-09-2	6d
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1180	50		12/03/07 16:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	236	50		12/03/07 16:33	1634-04-4	
Styrene	ND	ug/kg	236	50		12/03/07 16:33	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	236	50		12/03/07 16:33	79-34-5	
Tetrachloroethene	ND	ug/kg	236	50		12/03/07 16:33	127-18-4	
Toluene	ND	ug/kg	236	50		12/03/07 16:33	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	236	50		12/03/07 16:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	236	50		12/03/07 16:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	236	50		12/03/07 16:33	79-00-5	
Trichloroethene	31200	ug/kg	2360	500		12/01/07 01:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	236	50		12/03/07 16:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	236	50		12/03/07 16:33	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0787(8-10) **Lab ID: 509466059** Collected: 11/20/07 08:53 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	668	ug/kg	236	50		12/03/07 16:33	75-01-4	
Xylene (Total)	ND	ug/kg	473	50		12/03/07 16:33	1330-20-7	
Dibromofluoromethane (S)	106	%	82-130	50		12/03/07 16:33	1868-53-7	D4
Toluene-d8 (S)	91	%	81-120	50		12/03/07 16:33	2037-26-5	
4-Bromofluorobenzene (S)	91	%	65-117	50		12/03/07 16:33	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.7	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0787(14-15) Lab ID: 509466060 Collected: 11/20/07 08:55 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	80.4	1		12/01/07 02:25	67-64-1	
Benzene	ND	ug/kg	4.0	1		12/01/07 02:25	71-43-2	
Bromodichloromethane	ND	ug/kg	4.0	1		12/01/07 02:25	75-27-4	
Bromoform	ND	ug/kg	4.0	1		12/01/07 02:25	75-25-2	
Bromomethane	ND	ug/kg	4.0	1		12/01/07 02:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.1	1		12/01/07 02:25	78-93-3	
Carbon disulfide	ND	ug/kg	8.0	1		12/01/07 02:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.0	1		12/01/07 02:25	56-23-5	
Chlorobenzene	ND	ug/kg	4.0	1		12/01/07 02:25	108-90-7	
Chloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	75-00-3	
Chloroform	ND	ug/kg	4.0	1		12/01/07 02:25	67-66-3	
Chloromethane	ND	ug/kg	4.0	1		12/01/07 02:25	74-87-3	
Cyclohexane	ND	ug/kg	80.4	1		12/01/07 02:25	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	1		12/01/07 02:25	96-12-8	
Dibromochloromethane	ND	ug/kg	4.0	1		12/01/07 02:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	1		12/01/07 02:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 02:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 02:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.0	1		12/01/07 02:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.0	1		12/01/07 02:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.0	1		12/01/07 02:25	75-35-4	
cis-1,2-Dichloroethene	5.2	ug/kg	4.0	1		12/01/07 02:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.0	1		12/01/07 02:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.0	1		12/01/07 02:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/01/07 02:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.0	1		12/01/07 02:25	10061-02-6	
Ethylbenzene	ND	ug/kg	4.0	1		12/01/07 02:25	100-41-4	
2-Hexanone	ND	ug/kg	80.4	1		12/01/07 02:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	1		12/01/07 02:25	98-82-8	
Methyl acetate	ND	ug/kg	4.0	1		12/01/07 02:25	79-20-9	
Methylcyclohexane	ND	ug/kg	4.0	1		12/01/07 02:25	108-87-2	
Methylene chloride	ND	ug/kg	16.1	1		12/01/07 02:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.1	1		12/01/07 02:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.0	1		12/01/07 02:25	1634-04-4	
Styrene	ND	ug/kg	4.0	1		12/01/07 02:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	79-34-5	
Tetrachloroethene	ND	ug/kg	4.0	1		12/01/07 02:25	127-18-4	
Toluene	ND	ug/kg	4.0	1		12/01/07 02:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	1		12/01/07 02:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.0	1		12/01/07 02:25	79-00-5	
Trichloroethene	12.2	ug/kg	4.0	1		12/01/07 02:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.0	1		12/01/07 02:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.0	1		12/01/07 02:25	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0787(14-15)** Lab ID: **509466060** Collected: 11/20/07 08:55 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	12.7	ug/kg	4.0	1		12/01/07 02:25	75-01-4	
Xylene (Total)	ND	ug/kg	8.0	1		12/01/07 02:25	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		12/01/07 02:25	1868-53-7	
Toluene-d8 (S)	103	%	81-120	1		12/01/07 02:25	2037-26-5	
4-Bromofluorobenzene (S)	85	%	65-117	1		12/01/07 02:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.8	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0788(0-2) Lab ID: 509466061 Collected: 11/20/07 09:13 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	119	1		12/01/07 03:03	67-64-1	
Benzene	ND	ug/kg	6.0	1		12/01/07 03:03	71-43-2	
Bromodichloromethane	ND	ug/kg	6.0	1		12/01/07 03:03	75-27-4	
Bromoform	ND	ug/kg	6.0	1		12/01/07 03:03	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		12/01/07 03:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	29.8	1		12/01/07 03:03	78-93-3	
Carbon disulfide	ND	ug/kg	11.9	1		12/01/07 03:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		12/01/07 03:03	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		12/01/07 03:03	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	75-00-3	
Chloroform	ND	ug/kg	6.0	1		12/01/07 03:03	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		12/01/07 03:03	74-87-3	
Cyclohexane	ND	ug/kg	119	1		12/01/07 03:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1		12/01/07 03:03	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	1		12/01/07 03:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		12/01/07 03:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		12/01/07 03:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		12/01/07 03:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		12/01/07 03:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		12/01/07 03:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		12/01/07 03:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/01/07 03:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/01/07 03:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		12/01/07 03:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/01/07 03:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/01/07 03:03	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		12/01/07 03:03	100-41-4	
2-Hexanone	ND	ug/kg	119	1		12/01/07 03:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		12/01/07 03:03	98-82-8	
Methyl acetate	ND	ug/kg	6.0	1		12/01/07 03:03	79-20-9	
Methylcyclohexane	ND	ug/kg	6.0	1		12/01/07 03:03	108-87-2	
Methylene chloride	ND	ug/kg	23.8	1		12/01/07 03:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	29.8	1		12/01/07 03:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		12/01/07 03:03	1634-04-4	
Styrene	ND	ug/kg	6.0	1		12/01/07 03:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		12/01/07 03:03	127-18-4	
Toluene	ND	ug/kg	6.0	1		12/01/07 03:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		12/01/07 03:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		12/01/07 03:03	79-00-5	
Trichloroethene	1.6J	ug/kg	6.0	1		12/01/07 03:03	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	6.0	1		12/01/07 03:03	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.0	1		12/01/07 03:03	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0788(0-2)** Lab ID: **509466061** Collected: 11/20/07 09:13 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	6.0	1		12/01/07 03:03	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	1		12/01/07 03:03	1330-20-7	
Dibromofluoromethane (S)	107	%	82-130	1		12/01/07 03:03	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1		12/01/07 03:03	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		12/01/07 03:03	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.8	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0788(8-10) Lab ID: 509466062 Collected: 11/20/07 09:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	94.5	1		12/01/07 03:40	67-64-1	
Benzene	ND	ug/kg	4.7	1		12/01/07 03:40	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		12/01/07 03:40	75-27-4	
Bromoform	ND	ug/kg	4.7	1		12/01/07 03:40	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		12/01/07 03:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.6	1		12/01/07 03:40	78-93-3	
Carbon disulfide	ND	ug/kg	9.4	1		12/01/07 03:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		12/01/07 03:40	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		12/01/07 03:40	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	75-00-3	
Chloroform	ND	ug/kg	4.7	1		12/01/07 03:40	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		12/01/07 03:40	74-87-3	
Cyclohexane	ND	ug/kg	94.5	1		12/01/07 03:40	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		12/01/07 03:40	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		12/01/07 03:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		12/01/07 03:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		12/01/07 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		12/01/07 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		12/01/07 03:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		12/01/07 03:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		12/01/07 03:40	75-35-4	
cis-1,2-Dichloroethene	36.2	ug/kg	4.7	1		12/01/07 03:40	156-59-2	
trans-1,2-Dichloroethene	2.0J	ug/kg	4.7	1		12/01/07 03:40	156-60-5	J
1,2-Dichloropropane	ND	ug/kg	4.7	1		12/01/07 03:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/01/07 03:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/01/07 03:40	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		12/01/07 03:40	100-41-4	
2-Hexanone	ND	ug/kg	94.5	1		12/01/07 03:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/01/07 03:40	98-82-8	
Methyl acetate	ND	ug/kg	4.7	1		12/01/07 03:40	79-20-9	
Methylcyclohexane	ND	ug/kg	4.7	1		12/01/07 03:40	108-87-2	
Methylene chloride	ND	ug/kg	18.9	1		12/01/07 03:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.6	1		12/01/07 03:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/01/07 03:40	1634-04-4	
Styrene	ND	ug/kg	4.7	1		12/01/07 03:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/01/07 03:40	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/01/07 03:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/01/07 03:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/01/07 03:40	79-00-5	
Trichloroethene	1160	ug/kg	213	50		12/03/07 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/01/07 03:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	1		12/01/07 03:40	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0788(8-10)** Lab ID: **509466062** Collected: 11/20/07 09:15 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.7	1		12/01/07 03:40	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		12/01/07 03:40	1330-20-7	
Dibromofluoromethane (S)	109	%	82-130	1		12/01/07 03:40	1868-53-7	
Toluene-d8 (S)	106	%	81-120	1		12/01/07 03:40	2037-26-5	
4-Bromofluorobenzene (S)	76	%	65-117	1		12/01/07 03:40	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.1	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: SB-0788(14-15) Lab ID: 509466063 Collected: 11/20/07 09:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	96.8	1		12/01/07 04:18	67-64-1	
Benzene	ND	ug/kg	4.8	1		12/01/07 04:18	71-43-2	
Bromodichloromethane	ND	ug/kg	4.8	1		12/01/07 04:18	75-27-4	
Bromoform	ND	ug/kg	4.8	1		12/01/07 04:18	75-25-2	
Bromomethane	ND	ug/kg	4.8	1		12/01/07 04:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.2	1		12/01/07 04:18	78-93-3	
Carbon disulfide	ND	ug/kg	9.7	1		12/01/07 04:18	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.8	1		12/01/07 04:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1		12/01/07 04:18	108-90-7	
Chloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	75-00-3	
Chloroform	ND	ug/kg	4.8	1		12/01/07 04:18	67-66-3	
Chloromethane	ND	ug/kg	4.8	1		12/01/07 04:18	74-87-3	
Cyclohexane	ND	ug/kg	96.8	1		12/01/07 04:18	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		12/01/07 04:18	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		12/01/07 04:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		12/01/07 04:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		12/01/07 04:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		12/01/07 04:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		12/01/07 04:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.8	1		12/01/07 04:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		12/01/07 04:18	75-35-4	
cis-1,2-Dichloroethene	1800	ug/kg	137	25		12/03/07 17:49	156-59-2	7d
trans-1,2-Dichloroethene	11.0	ug/kg	4.8	1		12/01/07 04:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		12/01/07 04:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/01/07 04:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		12/01/07 04:18	10061-02-6	
Ethylbenzene	ND	ug/kg	4.8	1		12/01/07 04:18	100-41-4	
2-Hexanone	ND	ug/kg	96.8	1		12/01/07 04:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		12/01/07 04:18	98-82-8	
Methyl acetate	ND	ug/kg	4.8	1		12/01/07 04:18	79-20-9	
Methylcyclohexane	ND	ug/kg	4.8	1		12/01/07 04:18	108-87-2	
Methylene chloride	ND	ug/kg	19.4	1		12/01/07 04:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.2	1		12/01/07 04:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		12/01/07 04:18	1634-04-4	
Styrene	ND	ug/kg	4.8	1		12/01/07 04:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		12/01/07 04:18	127-18-4	
Toluene	ND	ug/kg	4.8	1		12/01/07 04:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		12/01/07 04:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		12/01/07 04:18	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		12/01/07 04:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		12/01/07 04:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.8	1		12/01/07 04:18	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: **SB-0788(14-15)** Lab ID: **509466063** Collected: 11/20/07 09:17 Received: 11/20/07 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.8	1		12/01/07 04:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		12/01/07 04:18	1330-20-7	
Dibromofluoromethane (S)	105	%	82-130	1		12/01/07 04:18	1868-53-7	
Toluene-d8 (S)	97	%	81-120	1		12/01/07 04:18	2037-26-5	
4-Bromofluorobenzene (S)	87	%	65-117	1		12/01/07 04:18	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.8	%	0.10	1		11/29/07 14:16		

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-1(112007)-RW		Lab ID: 509466064	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/28/07 13:10	67-64-1	
Benzene	ND	ug/L	5.0	1		11/28/07 13:10	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/28/07 13:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/28/07 13:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/28/07 13:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/28/07 13:10	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/28/07 13:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/28/07 13:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/28/07 13:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/28/07 13:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/28/07 13:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/28/07 13:10	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/28/07 13:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/28/07 13:10	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/28/07 13:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/28/07 13:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/28/07 13:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/28/07 13:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/28/07 13:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/28/07 13:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/28/07 13:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/28/07 13:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/28/07 13:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/07 13:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/28/07 13:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/28/07 13:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/07 13:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/28/07 13:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/28/07 13:10	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/28/07 13:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/28/07 13:10	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/28/07 13:10	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/28/07 13:10	108-87-2	
Methylene chloride	5.5	ug/L	5.0	1		11/28/07 13:10	75-09-2	C0,C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/28/07 13:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/28/07 13:10	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/28/07 13:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/28/07 13:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/28/07 13:10	127-18-4	
Toluene	ND	ug/L	5.0	1		11/28/07 13:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/28/07 13:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/28/07 13:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/28/07 13:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/28/07 13:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/28/07 13:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/28/07 13:10	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/28/07 13:10	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-1(112007)-RW		Lab ID: 509466064	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/28/07 13:10	1330-20-7	
Dibromofluoromethane (S)	99	%	82-122	1		11/28/07 13:10	1868-53-7	
4-Bromofluorobenzene (S)	97	%	73-120	1		11/28/07 13:10	460-00-4	
Toluene-d8 (S)	98	%	80-120	1		11/28/07 13:10	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-2(112007)-RW		Lab ID: 509466065	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/27/07 20:44	67-64-1	
Benzene	ND	ug/L	5.0	1		11/27/07 20:44	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/27/07 20:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/27/07 20:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/27/07 20:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/27/07 20:44	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/27/07 20:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/27/07 20:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/27/07 20:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/27/07 20:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/27/07 20:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/27/07 20:44	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/27/07 20:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/27/07 20:44	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/27/07 20:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/27/07 20:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 20:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/27/07 20:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/27/07 20:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/27/07 20:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/27/07 20:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 20:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 20:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/27/07 20:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 20:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 20:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/27/07 20:44	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/27/07 20:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/27/07 20:44	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/27/07 20:44	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/27/07 20:44	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		11/27/07 20:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/27/07 20:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/27/07 20:44	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/27/07 20:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/27/07 20:44	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/27/07 20:44	127-18-4	
Toluene	ND	ug/L	5.0	1		11/27/07 20:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/27/07 20:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/27/07 20:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/27/07 20:44	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/27/07 20:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/27/07 20:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/27/07 20:44	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/27/07 20:44	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-2(112007)-RW		Lab ID: 509466065	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 20:44	1330-20-7	
Dibromofluoromethane (S)	105	%	82-122	1		11/27/07 20:44	1868-53-7	
4-Bromofluorobenzene (S)	97	%	73-120	1		11/27/07 20:44	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		11/27/07 20:44	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-3(112007)-RW		Lab ID: 509466066	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/27/07 21:21	67-64-1	
Benzene	ND	ug/L	5.0	1		11/27/07 21:21	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/27/07 21:21	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/27/07 21:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/27/07 21:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/27/07 21:21	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/27/07 21:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/27/07 21:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/27/07 21:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/27/07 21:21	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/27/07 21:21	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/27/07 21:21	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/27/07 21:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/27/07 21:21	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/27/07 21:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/27/07 21:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/27/07 21:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/27/07 21:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/27/07 21:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/27/07 21:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 21:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 21:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/27/07 21:21	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/27/07 21:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/27/07 21:21	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/27/07 21:21	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/27/07 21:21	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		11/27/07 21:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/27/07 21:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/27/07 21:21	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/27/07 21:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/27/07 21:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/27/07 21:21	127-18-4	
Toluene	ND	ug/L	5.0	1		11/27/07 21:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/27/07 21:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/27/07 21:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/27/07 21:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/27/07 21:21	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/27/07 21:21	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/27/07 21:21	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: EB-3(112007)-RW		Lab ID: 509466066	Collected: 11/20/07 09:25	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 21:21	1330-20-7	
Dibromofluoromethane (S)	109	%	82-122	1		11/27/07 21:21	1868-53-7	
4-Bromofluorobenzene (S)	95	%	73-120	1		11/27/07 21:21	460-00-4	
Toluene-d8 (S)	97	%	80-120	1		11/27/07 21:21	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-1(112007)-RW		Lab ID: 509466067	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/27/07 21:59	67-64-1	
Benzene	ND	ug/L	5.0	1		11/27/07 21:59	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/27/07 21:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/27/07 21:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/27/07 21:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/27/07 21:59	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/27/07 21:59	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/27/07 21:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/27/07 21:59	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/27/07 21:59	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/27/07 21:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/27/07 21:59	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/27/07 21:59	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/27/07 21:59	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/27/07 21:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/27/07 21:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/27/07 21:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/27/07 21:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/27/07 21:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 21:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/27/07 21:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 21:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 21:59	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/27/07 21:59	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/27/07 21:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/27/07 21:59	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/27/07 21:59	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/27/07 21:59	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		11/27/07 21:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/27/07 21:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/27/07 21:59	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/27/07 21:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/27/07 21:59	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/27/07 21:59	127-18-4	
Toluene	ND	ug/L	5.0	1		11/27/07 21:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/27/07 21:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/27/07 21:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/27/07 21:59	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/27/07 21:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/27/07 21:59	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/27/07 21:59	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/27/07 21:59	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-1(112007)-RW		Lab ID: 509466067	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 21:59	1330-20-7	
Dibromofluoromethane (S)	106	%	82-122	1		11/27/07 21:59	1868-53-7	
4-Bromofluorobenzene (S)	95	%	73-120	1		11/27/07 21:59	460-00-4	
Toluene-d8 (S)	99	%	80-120	1		11/27/07 21:59	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-2(112007)-RW		Lab ID: 509466068	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/27/07 22:37	67-64-1	
Benzene	ND	ug/L	5.0	1		11/27/07 22:37	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/27/07 22:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/27/07 22:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/27/07 22:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/27/07 22:37	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/27/07 22:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/27/07 22:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/27/07 22:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/27/07 22:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/27/07 22:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/27/07 22:37	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/27/07 22:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/27/07 22:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/27/07 22:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/27/07 22:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 22:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 22:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 22:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/27/07 22:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/27/07 22:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/27/07 22:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/27/07 22:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 22:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 22:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/27/07 22:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 22:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 22:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/27/07 22:37	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/27/07 22:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/27/07 22:37	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/27/07 22:37	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/27/07 22:37	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		11/27/07 22:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/27/07 22:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/27/07 22:37	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/27/07 22:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/27/07 22:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/27/07 22:37	127-18-4	
Toluene	ND	ug/L	5.0	1		11/27/07 22:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/27/07 22:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/27/07 22:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/27/07 22:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/27/07 22:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/27/07 22:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/27/07 22:37	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/27/07 22:37	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-2(112007)-RW		Lab ID: 509466068	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 22:37	1330-20-7	
Dibromofluoromethane (S)	105	%	82-122	1		11/27/07 22:37	1868-53-7	
4-Bromofluorobenzene (S)	96	%	73-120	1		11/27/07 22:37	460-00-4	
Toluene-d8 (S)	100	%	80-120	1		11/27/07 22:37	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-3(112007)-RW		Lab ID: 509466069	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND	ug/L	100	1		11/27/07 23:15	67-64-1	
Benzene	ND	ug/L	5.0	1		11/27/07 23:15	71-43-2	
Bromodichloromethane	ND	ug/L	5.0	1		11/27/07 23:15	75-27-4	
Bromoform	ND	ug/L	5.0	1		11/27/07 23:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1		11/27/07 23:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		11/27/07 23:15	78-93-3	
Carbon disulfide	ND	ug/L	10.0	1		11/27/07 23:15	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		11/27/07 23:15	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		11/27/07 23:15	108-90-7	
Chloroethane	ND	ug/L	5.0	1		11/27/07 23:15	75-00-3	
Chloroform	ND	ug/L	5.0	1		11/27/07 23:15	67-66-3	
Chloromethane	ND	ug/L	5.0	1		11/27/07 23:15	74-87-3	
Cyclohexane	ND	ug/L	100	1		11/27/07 23:15	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		11/27/07 23:15	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		11/27/07 23:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		11/27/07 23:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 23:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 23:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		11/27/07 23:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		11/27/07 23:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		11/27/07 23:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		11/27/07 23:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		11/27/07 23:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 23:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		11/27/07 23:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		11/27/07 23:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 23:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		11/27/07 23:15	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		11/27/07 23:15	100-41-4	
2-Hexanone	ND	ug/L	25.0	1		11/27/07 23:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		11/27/07 23:15	98-82-8	
Methyl acetate	ND	ug/L	50.0	1		11/27/07 23:15	79-20-9	
Methylcyclohexane	ND	ug/L	50.0	1		11/27/07 23:15	108-87-2	
Methylene chloride	ND	ug/L	5.0	1		11/27/07 23:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		11/27/07 23:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		11/27/07 23:15	1634-04-4	
Styrene	ND	ug/L	5.0	1		11/27/07 23:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		11/27/07 23:15	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		11/27/07 23:15	127-18-4	
Toluene	ND	ug/L	5.0	1		11/27/07 23:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		11/27/07 23:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		11/27/07 23:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		11/27/07 23:15	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		11/27/07 23:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		11/27/07 23:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5.0	1		11/27/07 23:15	76-13-1	
Vinyl chloride	ND	ug/L	2.0	1		11/27/07 23:15	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-3(112007)-RW		Lab ID: 509466069	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 23:15	1330-20-7	
Dibromofluoromethane (S)	103	%	82-122	1		11/27/07 23:15	1868-53-7	
4-Bromofluorobenzene (S)	93	%	73-120	1		11/27/07 23:15	460-00-4	
Toluene-d8 (S)	100	%	80-120	1		11/27/07 23:15	2037-26-5	

ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-4(112007)-RW		Lab ID: 509466070	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Acetone	ND ug/L		100	1		11/27/07 22:55	67-64-1	
Benzene	ND ug/L		5.0	1		11/27/07 22:55	71-43-2	
Bromodichloromethane	ND ug/L		5.0	1		11/27/07 22:55	75-27-4	
Bromoform	ND ug/L		5.0	1		11/27/07 22:55	75-25-2	
Bromomethane	ND ug/L		5.0	1		11/27/07 22:55	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		11/27/07 22:55	78-93-3	
Carbon disulfide	ND ug/L		10.0	1		11/27/07 22:55	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		11/27/07 22:55	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		11/27/07 22:55	108-90-7	
Chloroethane	ND ug/L		5.0	1		11/27/07 22:55	75-00-3	
Chloroform	ND ug/L		5.0	1		11/27/07 22:55	67-66-3	
Chloromethane	ND ug/L		5.0	1		11/27/07 22:55	74-87-3	
Cyclohexane	ND ug/L		100	1		11/27/07 22:55	110-82-7	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		11/27/07 22:55	96-12-8	
Dibromochloromethane	ND ug/L		5.0	1		11/27/07 22:55	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		11/27/07 22:55	106-93-4	
1,2-Dichlorobenzene	ND ug/L		5.0	1		11/27/07 22:55	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		11/27/07 22:55	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		11/27/07 22:55	106-46-7	
Dichlorodifluoromethane	ND ug/L		5.0	1		11/27/07 22:55	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		11/27/07 22:55	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		11/27/07 22:55	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		11/27/07 22:55	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		11/27/07 22:55	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		11/27/07 22:55	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		11/27/07 22:55	78-87-5	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		11/27/07 22:55	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		11/27/07 22:55	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		11/27/07 22:55	100-41-4	
2-Hexanone	ND ug/L		25.0	1		11/27/07 22:55	591-78-6	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		11/27/07 22:55	98-82-8	
Methyl acetate	ND ug/L		50.0	1		11/27/07 22:55	79-20-9	
Methylcyclohexane	ND ug/L		50.0	1		11/27/07 22:55	108-87-2	
Methylene chloride	ND ug/L		5.0	1		11/27/07 22:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		11/27/07 22:55	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		11/27/07 22:55	1634-04-4	
Styrene	ND ug/L		5.0	1		11/27/07 22:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		11/27/07 22:55	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		11/27/07 22:55	127-18-4	
Toluene	ND ug/L		5.0	1		11/27/07 22:55	108-88-3	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		11/27/07 22:55	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		11/27/07 22:55	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		11/27/07 22:55	79-00-5	
Trichloroethene	ND ug/L		5.0	1		11/27/07 22:55	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		11/27/07 22:55	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND ug/L		5.0	1		11/27/07 22:55	76-13-1	
Vinyl chloride	ND ug/L		2.0	1		11/27/07 22:55	75-01-4	

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ANALYTICAL RESULTS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

Sample: TB-4(112007)-RW		Lab ID: 509466070	Collected: 11/20/07 00:00	Received: 11/20/07 14:40	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
Xylene (Total)	ND	ug/L	10.0	1		11/27/07 22:55	1330-20-7	
Dibromofluoromethane (S)	101	%	82-122	1		11/27/07 22:55	1868-53-7	
4-Bromofluorobenzene (S)	94	%	73-120	1		11/27/07 22:55	460-00-4	
Toluene-d8 (S)	103	%	80-120	1		11/27/07 22:55	2037-26-5	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6023 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 509466065, 509466066, 509466067, 509466068, 509466069

METHOD BLANK: 104945

Associated Lab Samples: 509466065, 509466066, 509466067, 509466068, 509466069

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Hexanone	ug/L	ND	25.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Cyclohexane	ug/L	ND	100	
Dibromochloromethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl acetate	ug/L	ND	50.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylcyclohexane	ug/L	ND	50.0	
Methylene chloride	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 104945

Associated Lab Samples: 509466065, 509466066, 509466067, 509466068, 509466069

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl chloride	ug/L	2.5	2.0 B-	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	97	73-120	
Dibromofluoromethane (S)	%	105	82-122	
Toluene-d8 (S)	%	99	80-120	

LABORATORY CONTROL SAMPLE: 104946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.4	111	70-128	
1,1,2,2-Tetrachloroethane	ug/L	50	48.3	97	66-134	
1,1,2-Trichloroethane	ug/L	50	51.5	103	71-131	
1,1,2-Trichlorotrifluoroethane	ug/L	50	56.0	112	70-130	
1,1-Dichloroethane	ug/L	50	51.7	103	72-125	
1,1-Dichloroethene	ug/L	50	43.6	87	66-140	
1,2,4-Trichlorobenzene	ug/L	50	48.2	96	61-129	
1,2-Dibromo-3-chloropropane	ug/L	50	49.1	98	62-128	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	70-130	
1,2-Dichlorobenzene	ug/L	50	47.3	95	72-129	
1,2-Dichloroethane	ug/L	50	46.4	93	66-131	
1,2-Dichloropropane	ug/L	50	47.6	95	72-125	
1,3-Dichlorobenzene	ug/L	50	48.3	97	74-128	
1,4-Dichlorobenzene	ug/L	50	51.3	103	72-124	
2-Butanone (MEK)	ug/L	250	324	129	44-150	
2-Hexanone	ug/L	250	286	114	38-150	
4-Methyl-2-pentanone (MIBK)	ug/L	250	228	91	55-142	
Acetone	ug/L	250	455	182	29-150 L0	
Benzene	ug/L	50	50.4	101	75-126	
Bromodichloromethane	ug/L	50	51.2	102	70-130	
Bromoform	ug/L	50	52.8	106	63-127	
Bromomethane	ug/L	50	52.6	105	43-146	
Carbon disulfide	ug/L	100	90.0	90	52-172	
Carbon tetrachloride	ug/L	50	57.8	116	65-125	
Chlorobenzene	ug/L	50	47.3	95	74-123	
Chloroethane	ug/L	50	54.1	108	61-141	
Chloroform	ug/L	50	49.6	99	68-127	
Chloromethane	ug/L	50	41.8	84	42-138	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	77-132	
cis-1,3-Dichloropropene	ug/L	50	48.0	96	60-119	
Cyclohexane	ug/L	50	52J	104	57-140	
Dibromochloromethane	ug/L	50	53.3	107	72-133	
Dichlorodifluoromethane	ug/L	50	24.4	49	50-179 L0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 104946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	50	48.3	97	70-129	
Isopropylbenzene (Cumene)	ug/L	50	46.9	94	74-126	
Methyl acetate	ug/L	50	50.7	101	50-150	
Methyl-tert-butyl ether	ug/L	100	97.6	98	68-139	
Methylcyclohexane	ug/L	50	52.8	106	50-150	
Methylene chloride	ug/L	50	53.0	106	50-119	
Styrene	ug/L	50	45.5	91	75-125	
Tetrachloroethene	ug/L	50	42.7	85	55-121	
Toluene	ug/L	50	48.7	97	72-126	
trans-1,2-Dichloroethene	ug/L	50	49.0	98	73-131	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	59-119	
Trichloroethene	ug/L	50	51.6	103	73-123	
Trichlorofluoromethane	ug/L	50	52.6	105	65-145	
Vinyl chloride	ug/L	50	44.8	90	54-139	
Xylene (Total)	ug/L	150	141	94	72-127	
4-Bromofluorobenzene (S)	%			99	73-120	
Dibromofluoromethane (S)	%			98	82-122	
Toluene-d8 (S)	%			100	80-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6025

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 509466070

METHOD BLANK: 104967

Associated Lab Samples: 509466070

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Hexanone	ug/L	ND	25.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Cyclohexane	ug/L	ND	100	
Dibromochloromethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl acetate	ug/L	ND	50.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylcyclohexane	ug/L	ND	50.0	
Methylene chloride	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 104967

Associated Lab Samples: 509466070

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	93	73-120	
Dibromofluoromethane (S)	%	101	82-122	
Toluene-d8 (S)	%	101	80-120	

LABORATORY CONTROL SAMPLE: 104968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.8	98	70-128	
1,1,2,2-Tetrachloroethane	ug/L	50	44.1	88	66-134	
1,1,2-Trichloroethane	ug/L	50	44.9	90	71-131	
1,1,2-Trichlorotrifluoroethane	ug/L	50	47.7	95	70-130	
1,1-Dichloroethane	ug/L	50	45.1	90	72-125	
1,1-Dichloroethene	ug/L	50	38.9	78	66-140	
1,2,4-Trichlorobenzene	ug/L	50	42.4	85	61-129	
1,2-Dibromo-3-chloropropane	ug/L	50	45.2	90	62-128	
1,2-Dibromoethane (EDB)	ug/L	50	43.8	88	70-130	
1,2-Dichlorobenzene	ug/L	50	45.1	90	72-129	
1,2-Dichloroethane	ug/L	50	42.0	84	66-131	
1,2-Dichloropropane	ug/L	50	43.7	87	72-125	
1,3-Dichlorobenzene	ug/L	50	43.5	87	74-128	
1,4-Dichlorobenzene	ug/L	50	43.1	86	72-124	
2-Butanone (MEK)	ug/L	250	218	87	44-150	
2-Hexanone	ug/L	250	220	88	38-150	
4-Methyl-2-pentanone (MIBK)	ug/L	250	212	85	55-142	
Acetone	ug/L	250	273	109	29-150	
Benzene	ug/L	50	42.9	86	75-126	
Bromodichloromethane	ug/L	50	45.9	92	70-130	
Bromoform	ug/L	50	44.1	88	63-127	
Bromomethane	ug/L	50	60.9	122	43-146	
Carbon disulfide	ug/L	100	97.1	97	52-172	
Carbon tetrachloride	ug/L	50	48.2	96	65-125	
Chlorobenzene	ug/L	50	41.6	83	74-123	
Chloroethane	ug/L	50	49.6	99	61-141	
Chloroform	ug/L	50	41.9	84	68-127	
Chloromethane	ug/L	50	40.9	82	42-138	
cis-1,2-Dichloroethene	ug/L	50	42.4	85	77-132	
cis-1,3-Dichloropropene	ug/L	50	41.5	83	60-119	
Cyclohexane	ug/L	50	45.3J	91	57-140	
Dibromochloromethane	ug/L	50	43.3	87	72-133	
Dichlorodifluoromethane	ug/L	50	22.4	45	50-179 L0	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 104968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	50	44.4	89	70-129	
Isopropylbenzene (Cumene)	ug/L	50	43.6	87	74-126	
Methyl acetate	ug/L	50	58.7	117	50-150	
Methyl-tert-butyl ether	ug/L	100	86.7	87	68-139	
Methylcyclohexane	ug/L	50	46J	92	50-150	
Methylene chloride	ug/L	50	43.7	87	50-119	
Styrene	ug/L	50	40.8	82	75-125	
Tetrachloroethene	ug/L	50	39.2	78	55-121	
Toluene	ug/L	50	42.6	85	72-126	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	73-131	
trans-1,3-Dichloropropene	ug/L	50	37.3	75	59-119	
Trichloroethene	ug/L	50	44.5	89	73-123	
Trichlorofluoromethane	ug/L	50	51.7	103	65-145	
Vinyl chloride	ug/L	50	45.1	90	54-139	
Xylene (Total)	ug/L	150	127	85	72-127	
4-Bromofluorobenzene (S)	%			100	73-120	
Dibromofluoromethane (S)	%			99	82-122	
Toluene-d8 (S)	%			100	80-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6026

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466009

METHOD BLANK: 104983

Associated Lab Samples: 509466009

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 104983

Associated Lab Samples: 509466009

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	101	82-130	
Toluene-d8 (S)	%	103	81-120	

LABORATORY CONTROL SAMPLE: 104984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.6	97	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.7	89	68-130	
1,1,2-Trichloroethane	ug/kg	50	50.1	100	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	52.2	104	70-130	
1,1-Dichloroethane	ug/kg	50	49.3	99	68-128	
1,1-Dichloroethene	ug/kg	50	42.8	86	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	41.4	83	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	44.9	90	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	46.7	93	71-126	
1,2-Dichlorobenzene	ug/kg	50	45.2	90	72-128	
1,2-Dichloroethane	ug/kg	50	46.4	93	63-130	
1,2-Dichloropropane	ug/kg	50	49.3	99	73-124	
1,3-Dichlorobenzene	ug/kg	50	44.1	88	73-130	
1,4-Dichlorobenzene	ug/kg	50	43.7	87	71-125	
2-Butanone (MEK)	ug/kg	250	229	92	59-150	
2-Hexanone	ug/kg	250	229	92	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	227	91	54-146	
Acetone	ug/kg	250	302	121	41-150	
Benzene	ug/kg	50	48.0	96	72-129	
Bromodichloromethane	ug/kg	50	47.7	95	71-128	
Bromoform	ug/kg	50	41.2	82	62-124	
Bromomethane	ug/kg	50	51.0	102	45-144	
Carbon disulfide	ug/kg	100	81.5	82	63-171	
Carbon tetrachloride	ug/kg	50	44.2	88	59-130	
Chlorobenzene	ug/kg	50	45.8	92	73-125	
Chloroethane	ug/kg	50	51.9	104	60-140	
Chloroform	ug/kg	50	46.6	93	67-127	
Chloromethane	ug/kg	50	39.7	79	38-141	
cis-1,2-Dichloroethene	ug/kg	50	46.3	93	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.7	81	61-114	
Cyclohexane	ug/kg	50	49.7J	99	65-133	
Dibromochloromethane	ug/kg	50	41.1	82	70-131	
Dichlorodifluoromethane	ug/kg	50	21.2	42	50-179 L0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 104984

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	46.7	93	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	49.0	98	72-128	
Methyl acetate	ug/kg	50	55.0	110	50-150	
Methyl-tert-butyl ether	ug/kg	100	92.5	92	66-139	
Methylcyclohexane	ug/kg	50	51.0	102	50-150	
Methylene chloride	ug/kg	50	48.7	97	48-121	
Styrene	ug/kg	50	45.9	92	75-125	
Tetrachloroethene	ug/kg	50	41.8	84	55-123	
Toluene	ug/kg	50	46.6	93	75-127	
trans-1,2-Dichloroethene	ug/kg	50	45.7	91	71-131	
trans-1,3-Dichloropropene	ug/kg	50	36.4	73	62-114	
Trichloroethene	ug/kg	50	48.7	97	72-123	
Trichlorofluoromethane	ug/kg	50	55.9	112	62-150	
Vinyl chloride	ug/kg	50	46.4	93	54-136	
Xylene (Total)	ug/kg	150	139	93	70-130	
4-Bromofluorobenzene (S)	%			99	65-117	
Dibromofluoromethane (S)	%			99	82-130	
Toluene-d8 (S)	%			102	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6027

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466006, 509466007, 509466008

METHOD BLANK: 105049

Associated Lab Samples: 509466006, 509466007, 509466008

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 105049

Associated Lab Samples: 509466006, 509466007, 509466008

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	107	82-130	
Toluene-d8 (S)	%	97	81-120	

LABORATORY CONTROL SAMPLE: 105050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	42.6	85	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	36.8	74	68-130	
1,1,2-Trichloroethane	ug/kg	50	40.9	82	72-129	
1,1-Dichloroethane	ug/kg	50	45.2	90	68-128	
1,1-Dichloroethene	ug/kg	50	40.0	80	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	41.6	83	59-132	
1,2-Dibromoethane (EDB)	ug/kg	50	37.8	76	71-126	
1,2-Dichlorobenzene	ug/kg	50	40.9	82	72-128	
1,2-Dichloroethane	ug/kg	50	38.6	77	63-130	
1,2-Dichloropropane	ug/kg	50	41.3	83	73-124	
1,3-Dichlorobenzene	ug/kg	50	41.6	83	73-130	
1,4-Dichlorobenzene	ug/kg	50	44.5	89	71-125	
2-Butanone (MEK)	ug/kg	250	249	99	59-150	
2-Hexanone	ug/kg	250	221	88	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	191	77	54-146	
Acetone	ug/kg	250	341	136	41-150	
Benzene	ug/kg	50	44.2	88	72-129	
Bromodichloromethane	ug/kg	50	39.1	78	71-128	
Bromoform	ug/kg	50	33.7	67	62-124	
Bromomethane	ug/kg	50	42.1	84	45-144	
Carbon disulfide	ug/kg	100	108	108	63-171	
Carbon tetrachloride	ug/kg	50	39.9	80	59-130	
Chlorobenzene	ug/kg	50	41.0	82	73-125	
Chloroethane	ug/kg	50	48.8	98	60-140	
Chloroform	ug/kg	50	43.1	86	67-127	
Chloromethane	ug/kg	50	34.7	69	38-141	
cis-1,2-Dichloroethene	ug/kg	50	40.4	81	76-132	
cis-1,3-Dichloropropene	ug/kg	50	35.7	71	61-114	
Dibromochloromethane	ug/kg	50	35.0	70	70-131	
Dichlorodifluoromethane	ug/kg	50	18.6	37	50-179 L0	
Ethylbenzene	ug/kg	50	42.6	85	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	43.0	86	72-128	
Methyl-tert-butyl ether	ug/kg	100	75.8	76	66-139	
Methylene chloride	ug/kg	50	65.8	132	48-121 L3	
Styrene	ug/kg	50	41.4	83	75-125	
Tetrachloroethene	ug/kg	50	36.1	72	55-123	
Toluene	ug/kg	50	41.9	84	75-127	
trans-1,2-Dichloroethene	ug/kg	50	40.0	80	71-131	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 105050

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	33.3	67	62-114	
Trichloroethene	ug/kg	50	43.8	88	72-123	
Trichlorofluoromethane	ug/kg	50	49.7	99	62-150	
Vinyl chloride	ug/kg	50	40.5	81	54-136	
Xylene (Total)	ug/kg	150	128	85	70-130	
4-Bromofluorobenzene (S)	%			104	65-117	
Dibromofluoromethane (S)	%			98	82-130	
Toluene-d8 (S)	%			99	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6037

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 509466064

METHOD BLANK: 105321

Associated Lab Samples: 509466064

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Hexanone	ug/L	ND	25.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Cyclohexane	ug/L	ND	100	
Dibromochloromethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethylbenzene	ug/L	ND	5.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl acetate	ug/L	ND	50.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylcyclohexane	ug/L	ND	50.0	
Methylene chloride	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 105321

Associated Lab Samples: 509466064

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	5.0	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	93	73-120	
Dibromofluoromethane (S)	%	104	82-122	
Toluene-d8 (S)	%	99	80-120	

LABORATORY CONTROL SAMPLE: 105322

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	41.5	83	70-128	
1,1,2,2-Tetrachloroethane	ug/L	50	38.0	76	66-134	
1,1,2-Trichloroethane	ug/L	50	41.3	83	71-131	
1,1,2-Trichlorotrifluoroethane	ug/L	50	45.8	92	70-130	
1,1-Dichloroethane	ug/L	50	42.0	84	72-125	
1,1-Dichloroethene	ug/L	50	38.3	77	66-140	
1,2,4-Trichlorobenzene	ug/L	50	40.9	82	61-129	
1,2-Dibromo-3-chloropropane	ug/L	50	38.9	78	62-128	
1,2-Dibromoethane (EDB)	ug/L	50	38.2	76	70-130	
1,2-Dichlorobenzene	ug/L	50	40.9	82	72-129	
1,2-Dichloroethane	ug/L	50	39.3	79	66-131	
1,2-Dichloropropane	ug/L	50	41.8	84	72-125	
1,3-Dichlorobenzene	ug/L	50	41.6	83	74-128	
1,4-Dichlorobenzene	ug/L	50	40.7	81	72-124	
2-Butanone (MEK)	ug/L	250	220	88	44-150	
2-Hexanone	ug/L	250	207	83	38-150	
4-Methyl-2-pentanone (MIBK)	ug/L	250	187	75	55-142	
Acetone	ug/L	250	300	120	29-150	
Benzene	ug/L	50	41.2	82	75-126	
Bromodichloromethane	ug/L	50	39.3	79	70-130	
Bromoform	ug/L	50	34.8	70	63-127	
Bromomethane	ug/L	50	47.6	95	43-146	
Carbon disulfide	ug/L	100	94.8	95	52-172	
Carbon tetrachloride	ug/L	50	38.6	77	65-125	
Chlorobenzene	ug/L	50	39.1	78	74-123	
Chloroethane	ug/L	50	46.8	94	61-141	
Chloroform	ug/L	50	40.3	81	68-127	
Chloromethane	ug/L	50	37.0	74	42-138	
cis-1,2-Dichloroethene	ug/L	50	39.8	80	77-132	
cis-1,3-Dichloropropene	ug/L	50	34.5	69	60-119	
Cyclohexane	ug/L	50	42.8J	86	57-140	
Dibromochloromethane	ug/L	50	33.4	67	72-133 L0	
Dichlorodifluoromethane	ug/L	50	19.9	40	50-179 L0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 105322

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	50	42.2	84	70-129	
Isopropylbenzene (Cumene)	ug/L	50	42.3	85	74-126	
Methyl acetate	ug/L	50	65.2	130	50-150	
Methyl-tert-butyl ether	ug/L	100	76.0	76	68-139	
Methylcyclohexane	ug/L	50	44.8J	90	50-150	
Methylene chloride	ug/L	50	49.1	98	50-119	
Styrene	ug/L	50	39.1	78	75-125	
Tetrachloroethene	ug/L	50	37.0	74	55-121	
Toluene	ug/L	50	39.9	80	72-126	
trans-1,2-Dichloroethene	ug/L	50	39.2	78	73-131	
trans-1,3-Dichloropropene	ug/L	50	30.1	60	59-119	
Trichloroethene	ug/L	50	42.4	85	73-123	
Trichlorofluoromethane	ug/L	50	50.6	101	65-145	
Vinyl chloride	ug/L	50	43.0	86	54-139	
Xylene (Total)	ug/L	150	122	81	72-127	
4-Bromofluorobenzene (S)	%			99	73-120	
Dibromofluoromethane (S)	%			97	82-122	
Toluene-d8 (S)	%			99	80-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6038

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466001, 509466002, 509466003, 509466004, 509466005, 509466014, 509466015, 509466016

METHOD BLANK: 105328

Associated Lab Samples: 509466001, 509466002, 509466003, 509466004, 509466005, 509466014, 509466015, 509466016

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 105328

Associated Lab Samples: 509466001, 509466002, 509466003, 509466004, 509466005, 509466014, 509466015, 509466016

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	93	65-117	
Dibromofluoromethane (S)	%	104	82-130	
Toluene-d8 (S)	%	99	81-120	

LABORATORY CONTROL SAMPLE: 105329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	41.5	83	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	38.0	76	68-130	
1,1,2-Trichloroethane	ug/kg	50	41.3	83	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	45.8	92	70-130	
1,1-Dichloroethane	ug/kg	50	42.0	84	68-128	
1,1-Dichloroethene	ug/kg	50	38.3	77	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	40.9	82	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	38.9	78	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	38.2	76	71-126	
1,2-Dichlorobenzene	ug/kg	50	40.9	82	72-128	
1,2-Dichloroethane	ug/kg	50	39.3	79	63-130	
1,2-Dichloropropane	ug/kg	50	41.8	84	73-124	
1,3-Dichlorobenzene	ug/kg	50	41.6	83	73-130	
1,4-Dichlorobenzene	ug/kg	50	40.7	81	71-125	
2-Butanone (MEK)	ug/kg	250	220	88	59-150	
2-Hexanone	ug/kg	250	207	83	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	187	75	54-146	
Acetone	ug/kg	250	300	120	41-150	
Benzene	ug/kg	50	41.2	82	72-129	
Bromodichloromethane	ug/kg	50	39.3	79	71-128	
Bromoform	ug/kg	50	34.8	70	62-124	
Bromomethane	ug/kg	50	47.6	95	45-144	
Carbon disulfide	ug/kg	100	94.8	95	63-171	
Carbon tetrachloride	ug/kg	50	38.6	77	59-130	
Chlorobenzene	ug/kg	50	39.1	78	73-125	
Chloroethane	ug/kg	50	46.8	94	60-140	
Chloroform	ug/kg	50	40.3	81	67-127	
Chloromethane	ug/kg	50	37.0	74	38-141	
cis-1,2-Dichloroethene	ug/kg	50	39.8	80	76-132	
cis-1,3-Dichloropropene	ug/kg	50	34.5	69	61-114	
Cyclohexane	ug/kg	50	42.8J	86	65-133	
Dibromochloromethane	ug/kg	50	33.4	67	70-131 L0	
Dichlorodifluoromethane	ug/kg	50	19.9	40	50-179 L0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 105329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	42.2	84	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	42.3	85	72-128	
Methyl acetate	ug/kg	50	65.2	130	50-150	
Methyl-tert-butyl ether	ug/kg	100	76.0	76	66-139	
Methylcyclohexane	ug/kg	50	44.8	90	50-150	
Methylene chloride	ug/kg	50	49.1	98	48-121	
Styrene	ug/kg	50	39.1	78	75-125	
Tetrachloroethene	ug/kg	50	37.0	74	55-123	
Toluene	ug/kg	50	39.9	80	75-127	
trans-1,2-Dichloroethene	ug/kg	50	39.2	78	71-131	
trans-1,3-Dichloropropene	ug/kg	50	30.1	60	62-114	L0
Trichloroethene	ug/kg	50	42.4	85	72-123	
Trichlorofluoromethane	ug/kg	50	50.6	101	62-150	
Vinyl chloride	ug/kg	50	43.0	86	54-136	
Xylene (Total)	ug/kg	150	122	81	70-130	
4-Bromofluorobenzene (S)	%			99	65-117	
Dibromofluoromethane (S)	%			97	82-130	
Toluene-d8 (S)	%			99	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch:	PMST/1979	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	509466001, 509466002, 509466003, 509466004, 509466005, 509466006, 509466007, 509466008, 509466009, 509466010, 509466011		

SAMPLE DUPLICATE: 105486

Parameter	Units	509441001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.8	17.6	1	5	

SAMPLE DUPLICATE: 105487

Parameter	Units	509463001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.2	24.0	3	5	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch:	PMST/1980	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	509466012, 509466013, 509466014, 509466015, 509466016, 509466017, 509466018, 509466019, 509466020, 509466021, 509466022, 509466023, 509466024, 509466025, 509466026, 509466027, 509466028, 509466029, 509466030, 509466031		

SAMPLE DUPLICATE: 105488

Parameter	Units	509466012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.1	5.1	1	5	

SAMPLE DUPLICATE: 105489

Parameter	Units	509466018 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.4	9.4	27	5	R2

SAMPLE DUPLICATE: 105490

Parameter	Units	509466026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.1	8.7	4	5	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch:	PMST/1981	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	509466032, 509466033, 509466034, 509466035, 509466036, 509466037, 509466038, 509466039, 509466040, 509466041, 509466042, 509466043, 509466044, 509466045, 509466046, 509466047, 509466048, 509466049, 509466050, 509466051		

SAMPLE DUPLICATE: 105491

Parameter	Units	509466032 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.8	8.5	14	5	R2

SAMPLE DUPLICATE: 105492

Parameter	Units	509466050 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.1	10.9	8	5	R2

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: PMST/1982 Analysis Method: ASTM D2974-87
 QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
 Associated Lab Samples: 509466052, 509466053, 509466054, 509466055, 509466056, 509466057, 509466058, 509466059, 509466060,
 509466061, 509466062, 509466063

SAMPLE DUPLICATE: 105590

Parameter	Units	509466052 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.2	11.0	7	5	R2

SAMPLE DUPLICATE: 105593

Parameter	Units	509586001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.9	9.7	1	5	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch:	MSV/6062	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	509466010, 509466011, 509466012, 509466013, 509466017, 509466033, 509466034, 509466035, 509466036, 509466037		

METHOD BLANK: 105861

Associated Lab Samples: 509466010, 509466011, 509466012, 509466013, 509466017, 509466033, 509466034, 509466035, 509466036, 509466037

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 105861

Associated Lab Samples: 509466010, 509466011, 509466012, 509466013, 509466017, 509466033, 509466034, 509466035, 509466036, 509466037

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	100	65-117	
Dibromofluoromethane (S)	%	110	82-130	
Toluene-d8 (S)	%	97	81-120	

LABORATORY CONTROL SAMPLE: 105862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.9	98	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.1	86	68-130	
1,1,2-Trichloroethane	ug/kg	50	48.2	96	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	40.7	81	70-130	
1,1-Dichloroethane	ug/kg	50	54.3	109	68-128	
1,1-Dichloroethene	ug/kg	50	56.4	113	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	41.7	83	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	46.0	92	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	44.0	88	71-126	
1,2-Dichlorobenzene	ug/kg	50	45.9	92	72-128	
1,2-Dichloroethane	ug/kg	50	46.9	94	63-130	
1,2-Dichloropropane	ug/kg	50	50.1	100	73-124	
1,3-Dichlorobenzene	ug/kg	50	44.4	89	73-130	
1,4-Dichlorobenzene	ug/kg	50	47.2	94	71-125	
2-Butanone (MEK)	ug/kg	250	225	90	59-150	
2-Hexanone	ug/kg	250	225	90	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	220	88	54-146	
Acetone	ug/kg	250	264	105	41-150	
Benzene	ug/kg	50	53.5	107	72-129	
Bromodichloromethane	ug/kg	50	46.1	92	71-128	
Bromoform	ug/kg	50	38.4	77	62-124	
Bromomethane	ug/kg	50	58.4	117	45-144	
Carbon disulfide	ug/kg	100	136	136	63-171	
Carbon tetrachloride	ug/kg	50	44.9	90	59-130	
Chlorobenzene	ug/kg	50	45.5	91	73-125	
Chloroethane	ug/kg	50	84.7	169	60-140 L0	
Chloroform	ug/kg	50	50.8	102	67-127	
Chloromethane	ug/kg	50	76.7	153	38-141 L0	
cis-1,2-Dichloroethene	ug/kg	50	53.8	108	76-132	
cis-1,3-Dichloropropene	ug/kg	50	39.0	78	61-114	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 105862

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyclohexane	ug/kg	50	51.9J	104	65-133	
Dibromochloromethane	ug/kg	50	40.9	82	70-131	
Dichlorodifluoromethane	ug/kg	50	77.8	156	50-179	
Ethylbenzene	ug/kg	50	46.9	94	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	45.3	91	72-128	
Methyl acetate	ug/kg	50	48.0	96	50-150	
Methyl-tert-butyl ether	ug/kg	100	94.0	94	66-139	
Methylcyclohexane	ug/kg	50	52.4	105	50-150	
Methylene chloride	ug/kg	50	83.6	167	48-121	L0
Styrene	ug/kg	50	45.9	92	75-125	
Tetrachloroethene	ug/kg	50	39.8	80	55-123	
Toluene	ug/kg	50	48.2	96	75-127	
trans-1,2-Dichloroethene	ug/kg	50	53.4	107	71-131	
trans-1,3-Dichloropropene	ug/kg	50	35.4	71	62-114	
Trichloroethene	ug/kg	50	51.9	104	72-123	
Trichlorofluoromethane	ug/kg	50	57.8	116	62-150	
Vinyl chloride	ug/kg	50	61.5	123	54-136	
Xylene (Total)	ug/kg	150	140	93	70-130	
4-Bromofluorobenzene (S)	%			101	65-117	
Dibromofluoromethane (S)	%			97	82-130	
Toluene-d8 (S)	%			99	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6063

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466018, 509466019, 509466020, 509466022, 509466023, 509466024, 509466025, 509466039

METHOD BLANK: 105865

Associated Lab Samples: 509466018, 509466019, 509466020, 509466022, 509466023, 509466024, 509466025, 509466039

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 105865

Associated Lab Samples: 509466018, 509466019, 509466020, 509466022, 509466023, 509466024, 509466025, 509466039

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	93	65-117	
Dibromofluoromethane (S)	%	100	82-130	
Toluene-d8 (S)	%	98	81-120	

LABORATORY CONTROL SAMPLE: 105866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	51.0	102	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.9	92	68-130	
1,1,2-Trichloroethane	ug/kg	50	51.5	103	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	40.9	82	70-130	
1,1-Dichloroethane	ug/kg	50	54.0	108	68-128	
1,1-Dichloroethene	ug/kg	50	59.1	118	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	43.8	88	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	45.2	90	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	45.8	92	71-126	
1,2-Dichlorobenzene	ug/kg	50	47.4	95	72-128	
1,2-Dichloroethane	ug/kg	50	50.9	102	63-130	
1,2-Dichloropropane	ug/kg	50	53.5	107	73-124	
1,3-Dichlorobenzene	ug/kg	50	45.1	90	73-130	
1,4-Dichlorobenzene	ug/kg	50	44.0	88	71-125	
2-Butanone (MEK)	ug/kg	250	238	95	59-150	
2-Hexanone	ug/kg	250	244	97	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	231	92	54-146	
Acetone	ug/kg	250	276	111	41-150	
Benzene	ug/kg	50	52.7	105	72-129	
Bromodichloromethane	ug/kg	50	49.5	99	71-128	
Bromoform	ug/kg	50	39.3	79	62-124	
Bromomethane	ug/kg	50	62.8	126	45-144	
Carbon disulfide	ug/kg	100	130	130	63-171	
Carbon tetrachloride	ug/kg	50	47.0	94	59-130	
Chlorobenzene	ug/kg	50	47.3	95	73-125	
Chloroethane	ug/kg	50	82.7	165	60-140 L0	
Chloroform	ug/kg	50	50.0	100	67-127	
Chloromethane	ug/kg	50	81.4	163	38-141 L0	
cis-1,2-Dichloroethene	ug/kg	50	53.5	107	76-132	
cis-1,3-Dichloropropene	ug/kg	50	40.9	82	61-114	
Cyclohexane	ug/kg	50	53J	106	65-133	
Dibromochloromethane	ug/kg	50	41.6	83	70-131	
Dichlorodifluoromethane	ug/kg	50	83.2	166	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 105866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	50.8	102	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	50.8	102	72-128	
Methyl acetate	ug/kg	50	71.1	142	50-150	
Methyl-tert-butyl ether	ug/kg	100	100	100	66-139	
Methylcyclohexane	ug/kg	50	54.6	109	50-150	
Methylene chloride	ug/kg	50	69.3	139	48-121	L0
Styrene	ug/kg	50	47.6	95	75-125	
Tetrachloroethene	ug/kg	50	45.4	91	55-123	
Toluene	ug/kg	50	49.3	99	75-127	
trans-1,2-Dichloroethene	ug/kg	50	55.9	112	71-131	
trans-1,3-Dichloropropene	ug/kg	50	35.0	70	62-114	
Trichloroethene	ug/kg	50	52.8	106	72-123	
Trichlorofluoromethane	ug/kg	50	62.0	124	62-150	
Vinyl chloride	ug/kg	50	66.9	134	54-136	
Xylene (Total)	ug/kg	150	149	99	70-130	
4-Bromofluorobenzene (S)	%			103	65-117	
Dibromofluoromethane (S)	%			101	82-130	
Toluene-d8 (S)	%			100	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 105867 105868

Parameter	Units	509466018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	41.9	43.1	26.1	33.2	62	77	50-122	24	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	41.9	43.1	11.7	16.0	28	37	50-157	31	20	
1,1,2-Trichloroethane	ug/kg	ND	41.9	43.1	18.6	25.4	44	59	50-144	31	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	41.9	43.1	36.9	46.8	88	109	50-150	24	20	
1,1-Dichloroethane	ug/kg	ND	41.9	43.1	28.3	36.0	67	83	53-121	24	20	
1,1-Dichloroethene	ug/kg	ND	41.9	43.1	28.1	35.1	67	81	44-146	22	20	
1,2,4-Trichlorobenzene	ug/kg	ND	41.9	43.1	3.7J	5.9	9	14	50-110		20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	41.9	43.1	15.6	24.3	37	56	50-133	44	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	41.9	43.1	15.5	20.8	37	48	50-136	29	20	
1,2-Dichlorobenzene	ug/kg	ND	41.9	43.1	8.6	11.9	21	28	50-125	32	20	
1,2-Dichloroethane	ug/kg	ND	41.9	43.1	22.3	28.9	53	67	28-138	25	20	
1,2-Dichloropropane	ug/kg	ND	41.9	43.1	23.7	30.2	56	70	33-130	24	20	
1,3-Dichlorobenzene	ug/kg	ND	41.9	43.1	9.8	13.5	23	31	50-128	31	20	
1,4-Dichlorobenzene	ug/kg	ND	41.9	43.1	9.3	13.0	22	30	50-123	33	20	
2-Butanone (MEK)	ug/kg	ND	210	216	72.9	141	35	65	26-150	64	20	
2-Hexanone	ug/kg	ND	210	216	ND	101	1	47	50-150		20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	210	216	73.6	134	35	62	36-149	58	20	
Acetone	ug/kg	ND	210	216	148	213	71	99	60-174	36	20	
Benzene	ug/kg	ND	41.9	43.1	25.0	32.0	60	74	31-138	25	20	
Bromodichloromethane	ug/kg	ND	41.9	43.1	18.6	24.3	44	56	25-130	26	20	
Bromoform	ug/kg	ND	41.9	43.1	15.8	17.7	38	41	50-129	11	20	
Bromomethane	ug/kg	ND	41.9	43.1	25.8	37.7	61	87	29-137	38	20	
Carbon disulfide	ug/kg	ND	83.8	86.3	62.8	80.6	75	93	42-167	25	20	
Carbon tetrachloride	ug/kg	ND	41.9	43.1	23.9	30.2	57	70	31-125	23	20	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 105867 105868											
Parameter	Units	509466018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/kg	ND	41.9	43.1	16.5	21.3	39	49	50-138	25	20
Chloroethane	ug/kg	ND	41.9	43.1	33.9	42.7	81	99	59-133	23	20
Chloroform	ug/kg	ND	41.9	43.1	24.3	31.0	58	72	41-123	24	20
Chloromethane	ug/kg	ND	41.9	43.1	24.5	32.6	59	76	45-118	28	20
cis-1,2-Dichloroethene	ug/kg	ND	41.9	43.1	22.7	29.8	54	69	43-136	27	20
cis-1,3-Dichloropropene	ug/kg	ND	41.9	43.1	12.1	17.2	29	40	50-125	34	20
Cyclohexane	ug/kg	ND	41.9	43.1	32.9J	42.4J	79	98	51-122		20
Dibromochloromethane	ug/kg	ND	41.9	43.1	14.7	18.2	35	42	50-137	21	20
Dichlorodifluoromethane	ug/kg	ND	41.9	43.1	14.8	18.2	35	42	25-171	21	20
Ethylbenzene	ug/kg	ND	41.9	43.1	20.3	26.5	48	61	50-148	27	20
Isopropylbenzene (Cumene)	ug/kg	ND	41.9	43.1	21.0	27.3	50	63	50-139	26	20
Methyl acetate	ug/kg	ND	41.9	43.1	43.8	61.4	105	142	50-150	33	20
Methyl-tert-butyl ether	ug/kg	ND	83.8	86.3	49.2	65.5	59	76	31-158	29	20
Methylcyclohexane	ug/kg	ND	41.9	43.1	34.0	42.8	81	99	50-150	23	20
Methylene chloride	ug/kg	ND	41.9	43.1	22.6	31.5	54	73	36-113	33	20
Styrene	ug/kg	ND	41.9	43.1	13.4	18.3	32	42	50-133	31	20
Tetrachloroethene	ug/kg	ND	41.9	43.1	21.7	28.5	52	66	50-123	27	20
Toluene	ug/kg	ND	41.9	43.1	22.0	27.8	52	64	50-145	24	20
trans-1,2-Dichloroethene	ug/kg	ND	41.9	43.1	24.9	32.9	59	76	45-135	28	20
trans-1,3-Dichloropropene	ug/kg	ND	41.9	43.1	9.3	13.1	22	30	50-123	34	20
Trichloroethene	ug/kg	1.3J	41.9	43.1	27.7	35.3	63	79	50-138	24	20
Trichlorofluoromethane	ug/kg	ND	41.9	43.1	38.8	49.4	93	115	43-154	24	20
Vinyl chloride	ug/kg	ND	41.9	43.1	31.4	39.1	75	90	49-134	22	20
Xylene (Total)	ug/kg	ND	126	129	56.2	71.0	45	55	50-152	23	20
4-Bromofluorobenzene (S)	%						97	97	65-117		20
Dibromofluoromethane (S)	%						101	101	82-130	20	8d,9d
Toluene-d8 (S)	%						102	101	81-120	20	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6090

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466021, 509466026

METHOD BLANK: 106633

Associated Lab Samples: 509466021, 509466026

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 106633

Associated Lab Samples: 509466021, 509466026

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	97	65-117	
Dibromofluoromethane (S)	%	108	82-130	
Toluene-d8 (S)	%	95	81-120	

LABORATORY CONTROL SAMPLE: 106634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	42.3	85	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	36.9	74	68-130	
1,1,2-Trichloroethane	ug/kg	50	43.0	86	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	34.2	68	70-130	L0
1,1-Dichloroethane	ug/kg	50	45.7	91	68-128	
1,1-Dichloroethene	ug/kg	50	48.2	96	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	36.6	73	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	34.3	69	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	39.4	79	71-126	
1,2-Dichlorobenzene	ug/kg	50	39.2	78	72-128	
1,2-Dichloroethane	ug/kg	50	40.0	80	63-130	
1,2-Dichloropropane	ug/kg	50	42.6	85	73-124	
1,3-Dichlorobenzene	ug/kg	50	38.8	78	73-130	
1,4-Dichlorobenzene	ug/kg	50	40.1	80	71-125	
2-Butanone (MEK)	ug/kg	250	199	80	59-150	
2-Hexanone	ug/kg	250	200	80	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	192	77	54-146	
Acetone	ug/kg	250	225	90	41-150	
Benzene	ug/kg	50	45.6	91	72-129	
Bromodichloromethane	ug/kg	50	40.9	82	71-128	
Bromoform	ug/kg	50	36.9	74	62-124	
Bromomethane	ug/kg	50	48.0	96	45-144	
Carbon disulfide	ug/kg	100	117	117	63-171	
Carbon tetrachloride	ug/kg	50	40.8	82	59-130	
Chlorobenzene	ug/kg	50	40.2	80	73-125	
Chloroethane	ug/kg	50	73.1	146	60-140	L3
Chloroform	ug/kg	50	43.6	87	67-127	
Chloromethane	ug/kg	50	68.1	136	38-141	
cis-1,2-Dichloroethene	ug/kg	50	43.6	87	76-132	
cis-1,3-Dichloropropene	ug/kg	50	33.6	67	61-114	
Cyclohexane	ug/kg	50	44.8J	90	65-133	
Dibromochloromethane	ug/kg	50	37.4	75	70-131	
Dichlorodifluoromethane	ug/kg	50	67.3	135	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 106634

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	41.1	82	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	40.2	80	72-128	
Methyl acetate	ug/kg	50	41.0	82	50-150	
Methyl-tert-butyl ether	ug/kg	100	80.4	80	66-139	
Methylcyclohexane	ug/kg	50	45.0	90	50-150	
Methylene chloride	ug/kg	50	76.0	152	48-121	L3
Styrene	ug/kg	50	40.4	81	75-125	
Tetrachloroethene	ug/kg	50	35.8	72	55-123	
Toluene	ug/kg	50	41.7	83	75-127	
trans-1,2-Dichloroethene	ug/kg	50	45.5	91	71-131	
trans-1,3-Dichloropropene	ug/kg	50	31.0	62	62-114	
Trichloroethene	ug/kg	50	62.3	125	72-123	L0
Trichlorofluoromethane	ug/kg	50	50.3	101	62-150	
Vinyl chloride	ug/kg	50	53.9	108	54-136	
Xylene (Total)	ug/kg	150	123	82	70-130	
4-Bromofluorobenzene (S)	%			105	65-117	
Dibromofluoromethane (S)	%			99	82-130	
Toluene-d8 (S)	%			98	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 106635 106636

Parameter	Units	509466026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	58.0J	1360	1360	941	1180	65	83	50-122	23	20 R1
1,1,2,2-Tetrachloroethane	ug/kg	ND	1360	1360	1050	1260	77	93	50-157	19	20
1,1,2-Trichloroethane	ug/kg	ND	1360	1360	1170	1290	86	95	50-144	10	20
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	1360	1360	766	895	56	66	50-150	15	20
1,1-Dichloroethane	ug/kg	ND	1360	1360	871	1090	64	80	53-121	23	20 R1
1,1-Dichloroethene	ug/kg	ND	1360	1360	1120	1350	82	99	44-146	19	20
1,2,4-Trichlorobenzene	ug/kg	ND	1360	1360	1080	1380	80	101	50-110	24	20 R1
1,2-Dibromo-3-chloropropane	ug/kg	ND	1360	1360	1010	1210	74	89	50-133	18	20
1,2-Dibromoethane (EDB)	ug/kg	ND	1360	1360	968	1120	71	83	50-136	15	20
1,2-Dichlorobenzene	ug/kg	ND	1360	1360	1030	1230	76	90	50-125	18	20
1,2-Dichloroethane	ug/kg	ND	1360	1360	918	1120	67	82	28-138	20	20
1,2-Dichloropropane	ug/kg	ND	1360	1360	1110	1320	81	97	33-130	17	20
1,3-Dichlorobenzene	ug/kg	ND	1360	1360	1040	1280	76	94	50-128	21	20 R1
1,4-Dichlorobenzene	ug/kg	ND	1360	1360	1100	1350	81	99	50-123	20	20
2-Butanone (MEK)	ug/kg	ND	6810	6810	6690	8490	98	125	26-150	24	20 R1
2-Hexanone	ug/kg	ND	6810	6810	4420	5450	65	80	50-150	21	20 R1
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	6810	6810	4510	5270	66	77	36-149	16	20
Acetone	ug/kg	ND	6810	6810	8610	11400	127	168	60-174	28	20 R1
Benzene	ug/kg	ND	1360	1360	1170	1420	86	105	31-138	20	20
Bromodichloromethane	ug/kg	ND	1360	1360	1020	1250	75	92	25-130	20	20
Bromoform	ug/kg	ND	1360	1360	846	1010	62	74	50-129	18	20
Bromomethane	ug/kg	ND	1360	1360	692	712	51	52	29-137	3	20
Carbon disulfide	ug/kg	ND	2730	2730	2840	3340	104	123	42-167	16	20
Carbon tetrachloride	ug/kg	ND	1360	1360	804	998	59	73	31-125	21	20 R1

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 106635 106636											
Parameter	Units	509466026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/kg	ND	1360	1360	1030	1180	75	87	50-138	14	20
Chloroethane	ug/kg	ND	1360	1360	1690	1980	124	145	59-133	15	20
Chloroform	ug/kg	ND	1360	1360	811	1020	60	75	41-123	22	20 R1
Chloromethane	ug/kg	ND	1360	1360	1660	2010	122	148	45-118	19	20 M0
cis-1,2-Dichloroethene	ug/kg	222	1360	1360	1100	1340	64	82	43-136	19	20
cis-1,3-Dichloropropene	ug/kg	ND	1360	1360	838	1010	62	74	50-125	18	20
Cyclohexane	ug/kg	ND	1360	1360	1490J	1740J	110	128	51-122		20
Dibromochloromethane	ug/kg	ND	1360	1360	874	1060	64	78	50-137	19	20
Dichlorodifluoromethane	ug/kg	ND	1360	1360	1550	1800	114	132	25-171	15	20
Ethylbenzene	ug/kg	ND	1360	1360	1050	1230	77	90	50-148	16	20
Isopropylbenzene (Cumene)	ug/kg	ND	1360	1360	1060	1210	78	89	50-139	13	20
Methyl acetate	ug/kg	ND	1360	1360	1070	1300	79	95	50-150	19	20
Methyl-tert-butyl ether	ug/kg	ND	2730	2730	1950	2400	72	88	31-158	21	20 R1
Methylcyclohexane	ug/kg	475	1360	1360	1530	1750	77	94	50-150	13	20
Methylene chloride	ug/kg	ND	1360	1360	1640	1990	116	141	36-113	19	20 M0
Styrene	ug/kg	ND	1360	1360	1010	1160	74	85	50-133	14	20
Tetrachloroethene	ug/kg	484	1360	1360	1260	1390	57	67	50-123	10	20
Toluene	ug/kg	ND	1360	1360	1020	1170	73	84	50-145	14	20
trans-1,2-Dichloroethene	ug/kg	ND	1360	1360	743	964	55	71	45-135	26	20 R1
trans-1,3-Dichloropropene	ug/kg	ND	1360	1360	738	887	54	65	50-123	18	20
Trichlorofluoromethane	ug/kg	ND	1360	1360	1240	1460	91	107	43-154	16	20
Vinyl chloride	ug/kg	ND	1360	1360	1230	1450	90	106	49-134	16	20
Xylene (Total)	ug/kg	ND	4080	4080	3120	3580	76	88	50-152	14	20
4-Bromofluorobenzene (S)	%						99	97	65-117		20
Dibromofluoromethane (S)	%						76	78	82-130		20 S1
Toluene-d8 (S)	%						94	91	81-120		20

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6093

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466049, 509466052, 509466055, 509466057

METHOD BLANK: 106650

Associated Lab Samples: 509466049, 509466052, 509466055, 509466057

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 106650

Associated Lab Samples: 509466049, 509466052, 509466055, 509466057

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	11.3	5.0	10d
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	114	82-130	
Toluene-d8 (S)	%	93	81-120	

LABORATORY CONTROL SAMPLE: 106651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	45.7	91	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	39.5	79	68-130	
1,1,2-Trichloroethane	ug/kg	50	45.7	91	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	38.3	77	70-130	
1,1-Dichloroethane	ug/kg	50	51.2	102	68-128	
1,1-Dichloroethene	ug/kg	50	52.4	105	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	41.5	83	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	43.3	87	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	41.5	83	71-126	
1,2-Dichlorobenzene	ug/kg	50	42.1	84	72-128	
1,2-Dichloroethane	ug/kg	50	44.6	89	63-130	
1,2-Dichloropropane	ug/kg	50	46.0	92	73-124	
1,3-Dichlorobenzene	ug/kg	50	42.5	85	73-130	
1,4-Dichlorobenzene	ug/kg	50	44.9	90	71-125	
2-Butanone (MEK)	ug/kg	250	249	100	59-150	
2-Hexanone	ug/kg	250	225	90	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	213	85	54-146	
Acetone	ug/kg	250	301	120	41-150	
Benzene	ug/kg	50	49.9	100	72-129	
Bromodichloromethane	ug/kg	50	44.3	89	71-128	
Bromoform	ug/kg	50	37.8	76	62-124	
Bromomethane	ug/kg	50	52.7	105	45-144	
Carbon disulfide	ug/kg	100	127	127	63-171	
Carbon tetrachloride	ug/kg	50	42.8	86	59-130	
Chlorobenzene	ug/kg	50	44.3	89	73-125	
Chloroethane	ug/kg	50	80.1	160	60-140	L3
Chloroform	ug/kg	50	48.3	97	67-127	
Chloromethane	ug/kg	50	75.9	152	38-141	L3
cis-1,2-Dichloroethene	ug/kg	50	48.7	97	76-132	
cis-1,3-Dichloropropene	ug/kg	50	36.1	72	61-114	
Cyclohexane	ug/kg	50	50.1J	100	65-133	
Dibromochloromethane	ug/kg	50	40.6	81	70-131	
Dichlorodifluoromethane	ug/kg	50	73.6	147	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 106651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	44.9	90	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	43.5	87	72-128	
Methyl acetate	ug/kg	50	44.0	88	50-150	
Methyl-tert-butyl ether	ug/kg	100	86.2	86	66-139	
Methylcyclohexane	ug/kg	50	49.2	98	50-150	
Methylene chloride	ug/kg	50	83.2	166	48-121	L3
Styrene	ug/kg	50	44.0	88	75-125	
Tetrachloroethene	ug/kg	50	39.5	79	55-123	
Toluene	ug/kg	50	47.0	94	75-127	
trans-1,2-Dichloroethene	ug/kg	50	51.0	102	71-131	
trans-1,3-Dichloropropene	ug/kg	50	33.5	67	62-114	
Trichloroethene	ug/kg	50	70.1	140	72-123	L0
Trichlorofluoromethane	ug/kg	50	54.4	109	62-150	
Vinyl chloride	ug/kg	50	59.8	120	54-136	
Xylene (Total)	ug/kg	150	134	89	70-130	
4-Bromofluorobenzene (S)	%			103	65-117	
Dibromofluoromethane (S)	%			100	82-130	
Toluene-d8 (S)	%			97	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6094

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466028, 509466032, 509466038, 509466040, 509466041, 509466042, 509466043, 509466044

METHOD BLANK: 106655

Associated Lab Samples: 509466028, 509466032, 509466038, 509466040, 509466041, 509466042, 509466043, 509466044

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 106655

Associated Lab Samples: 509466028, 509466032, 509466038, 509466040, 509466041, 509466042, 509466043, 509466044

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	93	65-117	
Dibromofluoromethane (S)	%	103	82-130	
Toluene-d8 (S)	%	96	81-120	

LABORATORY CONTROL SAMPLE: 106656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	42.0	84	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	39.5	79	68-130	
1,1,2-Trichloroethane	ug/kg	50	41.9	84	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	34.0	68	70-130	L0
1,1-Dichloroethane	ug/kg	50	43.6	87	68-128	
1,1-Dichloroethene	ug/kg	50	46.1	92	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	36.7	73	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	37.9	76	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	39.4	79	71-126	
1,2-Dichlorobenzene	ug/kg	50	38.8	78	72-128	
1,2-Dichloroethane	ug/kg	50	40.7	81	63-130	
1,2-Dichloropropane	ug/kg	50	43.3	87	73-124	
1,3-Dichlorobenzene	ug/kg	50	37.9	76	73-130	
1,4-Dichlorobenzene	ug/kg	50	37.6	75	71-125	
2-Butanone (MEK)	ug/kg	250	203	81	59-150	
2-Hexanone	ug/kg	250	202	81	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	193	77	54-146	
Acetone	ug/kg	250	229	92	41-150	
Benzene	ug/kg	50	43.1	86	72-129	
Bromodichloromethane	ug/kg	50	42.5	85	71-128	
Bromoform	ug/kg	50	37.0	74	62-124	
Bromomethane	ug/kg	50	50.6	101	45-144	
Carbon disulfide	ug/kg	100	105	105	63-171	
Carbon tetrachloride	ug/kg	50	39.9	80	59-130	
Chlorobenzene	ug/kg	50	38.9	78	73-125	
Chloroethane	ug/kg	50	68.8	138	60-140	
Chloroform	ug/kg	50	40.6	81	67-127	
Chloromethane	ug/kg	50	68.9	138	38-141	
cis-1,2-Dichloroethene	ug/kg	50	42.8	86	76-132	
cis-1,3-Dichloropropene	ug/kg	50	33.9	68	61-114	
Cyclohexane	ug/kg	50	43.6J	87	65-133	
Dibromochloromethane	ug/kg	50	37.9	76	70-131	
Dichlorodifluoromethane	ug/kg	50	70.0	140	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 106656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	40.8	82	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	42.0	84	72-128	
Methyl acetate	ug/kg	50	62.4	125	50-150	
Methyl-tert-butyl ether	ug/kg	100	82.8	83	66-139	
Methylcyclohexane	ug/kg	50	45.1	90	50-150	
Methylene chloride	ug/kg	50	70.1	140	48-121	L3
Styrene	ug/kg	50	39.3	79	75-125	
Tetrachloroethene	ug/kg	50	36.9	74	55-123	
Toluene	ug/kg	50	40.1	80	75-127	
trans-1,2-Dichloroethene	ug/kg	50	45.1	90	71-131	
trans-1,3-Dichloropropene	ug/kg	50	29.0	58	62-114	L0
Trichloroethene	ug/kg	50	42.8	86	72-123	
Trichlorofluoromethane	ug/kg	50	53.0	106	62-150	
Vinyl chloride	ug/kg	50	57.8	116	54-136	
Xylene (Total)	ug/kg	150	120	80	70-130	
4-Bromofluorobenzene (S)	%			102	65-117	
Dibromofluoromethane (S)	%			101	82-130	
Toluene-d8 (S)	%			99	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6095

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466060, 509466061, 509466062, 509466063

METHOD BLANK: 106657

Associated Lab Samples: 509466060, 509466061, 509466062, 509466063

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 106657

Associated Lab Samples: 509466060, 509466061, 509466062, 509466063

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	92	65-117	
Dibromofluoromethane (S)	%	105	82-130	
Toluene-d8 (S)	%	97	81-120	

LABORATORY CONTROL SAMPLE: 106658

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	46.1	92	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	43.6	87	68-130	
1,1,2-Trichloroethane	ug/kg	50	46.2	92	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	36.9	74	70-130	
1,1-Dichloroethane	ug/kg	50	48.4	97	68-128	
1,1-Dichloroethene	ug/kg	50	51.3	103	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	43.2	86	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	45.5	91	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	43.3	87	71-126	
1,2-Dichlorobenzene	ug/kg	50	43.9	88	72-128	
1,2-Dichloroethane	ug/kg	50	46.1	92	63-130	
1,2-Dichloropropane	ug/kg	50	48.8	98	73-124	
1,3-Dichlorobenzene	ug/kg	50	42.6	85	73-130	
1,4-Dichlorobenzene	ug/kg	50	41.4	83	71-125	
2-Butanone (MEK)	ug/kg	250	239	96	59-150	
2-Hexanone	ug/kg	250	222	89	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	212	85	54-146	
Acetone	ug/kg	250	248	99	41-150	
Benzene	ug/kg	50	47.6	95	72-129	
Bromodichloromethane	ug/kg	50	46.6	93	71-128	
Bromoform	ug/kg	50	39.3	79	62-124	
Bromomethane	ug/kg	50	56.6	113	45-144	
Carbon disulfide	ug/kg	100	114	114	63-171	
Carbon tetrachloride	ug/kg	50	42.5	85	59-130	
Chlorobenzene	ug/kg	50	41.9	84	73-125	
Chloroethane	ug/kg	50	73.3	147	60-140	L3
Chloroform	ug/kg	50	45.7	91	67-127	
Chloromethane	ug/kg	50	75.9	152	38-141	L3
cis-1,2-Dichloroethene	ug/kg	50	48.5	97	76-132	
cis-1,3-Dichloropropene	ug/kg	50	36.0	72	61-114	
Cyclohexane	ug/kg	50	48.3J	97	65-133	
Dibromochloromethane	ug/kg	50	40.1	80	70-131	
Dichlorodifluoromethane	ug/kg	50	76.2	152	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 106658

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	45.3	91	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	45.5	91	72-128	
Methyl acetate	ug/kg	50	59.0	118	50-150	
Methyl-tert-butyl ether	ug/kg	100	91.1	91	66-139	
Methylcyclohexane	ug/kg	50	49.9	100	50-150	
Methylene chloride	ug/kg	50	63.1	126	48-121	L3
Styrene	ug/kg	50	43.1	86	75-125	
Tetrachloroethene	ug/kg	50	40.0	80	55-123	
Toluene	ug/kg	50	43.4	87	75-127	
trans-1,2-Dichloroethene	ug/kg	50	50.9	102	71-131	
trans-1,3-Dichloropropene	ug/kg	50	30.8	62	62-114	
Trichloroethene	ug/kg	50	48.1	96	72-123	
Trichlorofluoromethane	ug/kg	50	57.0	114	62-150	
Vinyl chloride	ug/kg	50	62.6	125	54-136	
Xylene (Total)	ug/kg	150	129	86	70-130	
4-Bromofluorobenzene (S)	%			99	65-117	
Dibromofluoromethane (S)	%			100	82-130	
Toluene-d8 (S)	%			94	81-120	

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6129

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466027, 509466045, 509466046, 509466047, 509466048, 509466050, 509466051, 509466056

METHOD BLANK: 107408

Associated Lab Samples: 509466027, 509466045, 509466046, 509466047, 509466048, 509466050, 509466051, 509466056

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 107408

Associated Lab Samples: 509466027, 509466045, 509466046, 509466047, 509466048, 509466050, 509466051, 509466056

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	99	65-117	
Dibromofluoromethane (S)	%	118	82-130	
Toluene-d8 (S)	%	95	81-120	

LABORATORY CONTROL SAMPLE: 107409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	49.5	99	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	39.4	79	68-130	
1,1,2-Trichloroethane	ug/kg	50	43.7	87	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	36.1	72	70-130	
1,1-Dichloroethane	ug/kg	50	49.5	99	68-128	
1,1-Dichloroethene	ug/kg	50	51.2	102	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	45.6	91	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.2	94	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	42.0	84	71-126	
1,2-Dichlorobenzene	ug/kg	50	42.9	86	72-128	
1,2-Dichloroethane	ug/kg	50	42.3	85	63-130	
1,2-Dichloropropane	ug/kg	50	45.4	91	73-124	
1,3-Dichlorobenzene	ug/kg	50	42.8	86	73-130	
1,4-Dichlorobenzene	ug/kg	50	45.1	90	71-125	
2-Butanone (MEK)	ug/kg	250	351	140	59-150	
2-Hexanone	ug/kg	250	307	123	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	203	81	54-146	
Acetone	ug/kg	250	577	231	41-150 L3	
Benzene	ug/kg	50	49.5	99	72-129	
Bromodichloromethane	ug/kg	50	45.8	92	71-128	
Bromoform	ug/kg	50	39.9	80	62-124	
Bromomethane	ug/kg	50	49.4	99	45-144	
Carbon disulfide	ug/kg	100	121	121	63-171	
Carbon tetrachloride	ug/kg	50	48.8	98	59-130	
Chlorobenzene	ug/kg	50	42.9	86	73-125	
Chloroethane	ug/kg	50	73.4	147	60-140 L3	
Chloroform	ug/kg	50	46.9	94	67-127	
Chloromethane	ug/kg	50	63.3	127	38-141	
cis-1,2-Dichloroethene	ug/kg	50	48.0	96	76-132	
cis-1,3-Dichloropropene	ug/kg	50	38.2	76	61-114	
Cyclohexane	ug/kg	50	49.2J	98	65-133	
Dibromochloromethane	ug/kg	50	42.7	85	70-131	
Dichlorodifluoromethane	ug/kg	50	49.9	100	50-179	

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 107409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	45.4	91	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	45.6	91	72-128	
Methyl acetate	ug/kg	50	44.0	88	50-150	
Methyl-tert-butyl ether	ug/kg	100	88.1	88	66-139	
Methylcyclohexane	ug/kg	50	50.0	100	50-150	
Methylene chloride	ug/kg	50	63.2	126	48-121	L0
Styrene	ug/kg	50	44.8	90	75-125	
Tetrachloroethene	ug/kg	50	38.3	77	55-123	
Toluene	ug/kg	50	44.6	89	75-127	
trans-1,2-Dichloroethene	ug/kg	50	51.0	102	71-131	
trans-1,3-Dichloropropene	ug/kg	50	38.1	76	62-114	
Trichloroethene	ug/kg	50	52.3	105	72-123	
Trichlorofluoromethane	ug/kg	50	51.4	103	62-150	
Vinyl chloride	ug/kg	50	51.6	103	54-136	
Xylene (Total)	ug/kg	150	136	91	70-130	
4-Bromofluorobenzene (S)	%			104	65-117	
Dibromofluoromethane (S)	%			99	82-130	
Toluene-d8 (S)	%			96	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 107410 107411

Parameter	Units	509466050 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	2970	2970	2560	2680	86	90	50-122	4	20
1,1,2,2-Tetrachloroethane	ug/kg	ND	2970	2970	2260	2230	76	75	50-157	1	20
1,1,2-Trichloroethane	ug/kg	ND	2970	2970	2320	2240	78	76	50-144	3	20
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	2970	2970	2060	2100	69	71	50-150	2	20
1,1-Dichloroethane	ug/kg	ND	2970	2970	2730	2700	92	91	53-121	1	20
1,1-Dichloroethene	ug/kg	ND	2970	2970	3060	3070	103	103	44-146	0	20
1,2,4-Trichlorobenzene	ug/kg	ND	2970	2970	2180	2140	73	72	50-110	2	20
1,2-Dibromo-3-chloropropane	ug/kg	ND	2970	2970	1800	1790	61	60	50-133	0	20
1,2-Dibromoethane (EDB)	ug/kg	ND	2970	2970	2100	2030	71	68	50-136	3	20
1,2-Dichlorobenzene	ug/kg	ND	2970	2970	2420	2340	82	79	50-125	4	20
1,2-Dichloroethane	ug/kg	ND	2970	2970	2330	2350	79	79	28-138	1	20
1,2-Dichloropropane	ug/kg	ND	2970	2970	2740	2800	92	94	33-130	2	20
1,3-Dichlorobenzene	ug/kg	ND	2970	2970	2260	2250	76	76	50-128	1	20
1,4-Dichlorobenzene	ug/kg	ND	2970	2970	2390	2400	81	81	50-123	0	20
2-Butanone (MEK)	ug/kg	ND	14900	14900	19800	17100	133	115	26-150	15	20
2-Hexanone	ug/kg	ND	14900	14900	15900	13900	107	93	50-150	14	20
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	14900	14900	11600	11800	78	80	36-149	2	20
Acetone	ug/kg	ND	14900	14900	33200	26800	224	181	60-174	21	20 M0, R1
Benzene	ug/kg	ND	2970	2970	3000	3100	101	104	31-138	3	20
Bromodichloromethane	ug/kg	ND	2970	2970	2340	2400	79	81	25-130	3	20
Bromoform	ug/kg	ND	2970	2970	1940	1820	65	61	50-129	6	20
Bromomethane	ug/kg	ND	2970	2970	3280	3590	111	121	29-137	9	20
Carbon disulfide	ug/kg	ND	5940	5940	7910	8360	133	141	42-167	6	20
Carbon tetrachloride	ug/kg	ND	2970	2970	2200	2330	74	78	31-125	6	20

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 107410 107411											
Parameter	Units	509466050 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/kg	ND	2970	2970	2430	2430	82	82	50-138	0	20
Chloroethane	ug/kg	ND	2970	2970	4980	5400	168	182	59-133	8	M0
Chloroform	ug/kg	ND	2970	2970	2490	2500	84	84	41-123	1	20
Chloromethane	ug/kg	ND	2970	2970	4350	4770	147	161	45-118	9	M0
cis-1,2-Dichloroethene	ug/kg	ND	2970	2970	2500	2470	84	83	43-136	1	20
cis-1,3-Dichloropropene	ug/kg	ND	2970	2970	1740	1760	58	59	50-125	1	20
Cyclohexane	ug/kg	ND	2970	2970	2900J	3020J	98	102	51-122		20
Dibromochloromethane	ug/kg	ND	2970	2970	1900	1920	64	65	50-137	1	20
Dichlorodifluoromethane	ug/kg	ND	2970	2970	3170	3370	107	113	25-171	6	20
Ethylbenzene	ug/kg	ND	2970	2970	2440	2480	82	83	50-148	1	20
Isopropylbenzene (Cumene)	ug/kg	ND	2970	2970	2290	2290	77	77	50-139	0	20
Methyl acetate	ug/kg	ND	2970	2970	2360	2440	80	82	50-150	3	20
Methyl-tert-butyl ether	ug/kg	ND	5940	5940	4670	4720	79	79	31-158	1	20
Methylcyclohexane	ug/kg	ND	2970	2970	2770	2840	93	96	50-150	2	20
Methylene chloride	ug/kg	ND	2970	2970	4840	5950	163	200	36-113	21	M0, R1
Styrene	ug/kg	ND	2970	2970	2450	2500	83	84	50-133	2	20
Tetrachloroethene	ug/kg	ND	2970	2970	2020	1990	68	67	50-123	2	20
Toluene	ug/kg	ND	2970	2970	2490	2510	82	83	50-145	1	20
trans-1,2-Dichloroethene	ug/kg	ND	2970	2970	2610	2510	88	85	45-135	4	20
trans-1,3-Dichloropropene	ug/kg	ND	2970	2970	1590	1590	54	53	50-123	0	20
Trichloroethene	ug/kg	11300	2970	2970	13900	15100	85	127	50-138	9	20
Trichlorofluoromethane	ug/kg	ND	2970	2970	3320	3520	112	118	43-154	6	20
Vinyl chloride	ug/kg	ND	2970	2970	3470	3700	117	124	49-134	6	20
Xylene (Total)	ug/kg	ND	8910	8910	7430	7430	83	83	50-152	0	20
4-Bromofluorobenzene (S)	%						104	109	65-117		20
Dibromofluoromethane (S)	%						86	84	82-130		20
Toluene-d8 (S)	%						94	93	81-120		20

QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

QC Batch: MSV/6130

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 509466029, 509466030, 509466031, 509466053, 509466054, 509466058, 509466059

METHOD BLANK: 107412

Associated Lab Samples: 509466029, 509466030, 509466031, 509466053, 509466054, 509466058, 509466059

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

Date: 12/05/2007 01:41 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

METHOD BLANK: 107412

Associated Lab Samples: 509466029, 509466030, 509466031, 509466053, 509466054, 509466058, 509466059

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	96	65-117	
Dibromofluoromethane (S)	%	105	82-130	
Toluene-d8 (S)	%	94	81-120	

LABORATORY CONTROL SAMPLE: 107413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	49.6	99	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.7	85	68-130	
1,1,2-Trichloroethane	ug/kg	50	49.6	99	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	36.6	73	70-130	
1,1-Dichloroethane	ug/kg	50	49.1	98	68-128	
1,1-Dichloroethene	ug/kg	50	50.6	101	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	45.1	90	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	47.0	94	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	45.8	92	71-126	
1,2-Dichlorobenzene	ug/kg	50	44.6	89	72-128	
1,2-Dichloroethane	ug/kg	50	45.0	90	63-130	
1,2-Dichloropropane	ug/kg	50	49.9	100	73-124	
1,3-Dichlorobenzene	ug/kg	50	44.1	88	73-130	
1,4-Dichlorobenzene	ug/kg	50	42.9	86	71-125	
2-Butanone (MEK)	ug/kg	250	354	142	59-150	
2-Hexanone	ug/kg	250	324	130	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	219	87	54-146	
Acetone	ug/kg	250	610	244	41-150 L3	
Benzene	ug/kg	50	48.3	97	72-129	
Bromodichloromethane	ug/kg	50	50.5	101	71-128	
Bromoform	ug/kg	50	42.7	85	62-124	
Bromomethane	ug/kg	50	52.5	105	45-144	
Carbon disulfide	ug/kg	100	112	112	63-171	
Carbon tetrachloride	ug/kg	50	47.8	96	59-130	
Chlorobenzene	ug/kg	50	44.1	88	73-125	
Chloroethane	ug/kg	50	69.7	139	60-140	
Chloroform	ug/kg	50	45.8	92	67-127	
Chloromethane	ug/kg	50	62.7	125	38-141	
cis-1,2-Dichloroethene	ug/kg	50	49.7	99	76-132	
cis-1,3-Dichloropropene	ug/kg	50	41.5	83	61-114	
Cyclohexane	ug/kg	50	48.6J	97	65-133	
Dibromochloromethane	ug/kg	50	45.0	90	70-131	
Dichlorodifluoromethane	ug/kg	50	50.4	101	50-179	

Date: 12/05/2007 01:41 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Kokomo IN743.2.2

Pace Project No.: 509466

LABORATORY CONTROL SAMPLE: 107413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	48.1	96	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	48.6	97	72-128	
Methyl acetate	ug/kg	50	62.8	126	50-150	
Methyl-tert-butyl ether	ug/kg	100	95.3	95	66-139	
Methylcyclohexane	ug/kg	50	50.7	101	50-150	
Methylene chloride	ug/kg	50	65.0	130	48-121	L0
Styrene	ug/kg	50	45.3	91	75-125	
Tetrachloroethene	ug/kg	50	43.0	86	55-123	
Toluene	ug/kg	50	46.1	92	75-127	
trans-1,2-Dichloroethene	ug/kg	50	52.1	104	71-131	
trans-1,3-Dichloropropene	ug/kg	50	36.8	74	62-114	
Trichloroethene	ug/kg	50	50.2	100	72-123	
Trichlorofluoromethane	ug/kg	50	53.8	108	62-150	
Vinyl chloride	ug/kg	50	56.1	112	54-136	
Xylene (Total)	ug/kg	150	138	92	70-130	
4-Bromofluorobenzene (S)	%			108	65-117	
Dibromofluoromethane (S)	%			100	82-130	
Toluene-d8 (S)	%			98	81-120	

QUALIFIERS

Project: Kokomo IN743.2.2

Pace Project No.: 509466

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

- B- Analyte detected in method blank but was not detected in the associated samples.
- C0 Result confirmed by second analysis.
- C9 Common Laboratory Contaminant.
- D4 Sample was diluted due to the presence of high levels of target analytes.
- E Analyte concentration exceeded the calibration range. The reported result is estimated.
- J Analyte detected below reporting limit, therefore result is an estimate.
- L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- M0 Matrix spike recovery was outside laboratory control limits.
- R1 RPD value was outside control limits.
- R2 RPD value was outside control limits due to matrix interference
- S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
- 10d Compound present >RL. All associated samples >RL re-analyzed.
- 1d Sample could not be analyzed at a lower dilution due to the very high concentration of TCE aa 11/28/07
- 2d Due to the high concentration of TCE a lower dilution was not analyzed aa 11/30/07
- 3d Original result at 1x was 380 ug/kg (E- flag) wet weight. Different results indicate non-homogenous sample.
- 4d Compound reported from re-analysis 12/4/07 1924
- 5d Compound reported from re-analysis 12/4/07 1852
- 6d Compound reported from re-analysis 12/4/07 1820
- 7d Client supplied terracore had no sample in MeOH vial. %moist. jar used for dilution.
- 8d Several compounds are outside of acceptance limits for percent recovery, refer to batch QC for system control aa 11/30/07
- 9d Several compounds are outside of acceptance limits for percent recovery and RPD value, refer to batch QC for system control aa 11/30/07



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 5 OF 5

Required Client Information:

Company:	ALCABES	Report To:	MARK FESWICKELER
Address:	251 E. OWE ST.	Copy To:	SUE SCHWARTZ
	STE. 800	Invoice To:	SUE SCHWARTZ
	TSOARS, INJ 46204	P.O.:	IN 743.2-2
Phone:	317-231-6500	Project Name:	Volcano
Fax:	317-231-6519	Project Number:	IN 743.2-2
E-mail:	MARK.FESWICKELER@ARCABES-USA.COM		

Laboratory:	PAGE
Laboratory Location:	TSOARS, INJ
Laboratory Contact:	DAVID SAYER
Requested Due Date:	TAT: 30ND
QA/QC Requirements:	LEVEL III

ID # N° 04372

SSOW Ref. Code: E 020006

Analysis and Method

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative				Other: Methanol	Remarks/Lab ID
						HCl	H2SO4	HNO3	NaOH		
1. SB-0763 (8-10)		SD	11-19-07	09:55	4	X				X	001
2. SB-0763 (14-15)		SD	11-19-07	10:00	4	X				X	002
3. SB-0764 (0-2)		SD	11-19-07	10:10	4	X				X	003
4. SB-0765 (0-2)		SD	11-19-07	10:20	4	X				X	004
5. SB-0765 (8-10)		SD	11-19-07	10:24	4	X				X	005
6. SB-0765 (14-15)		SD	11-19-07	10:30	4	X				X	006
7. SB-0766 (0-2)		SD	11-19-07	10:43	4	X				X	007
8. SB-0766 (8-10)		SD	11-19-07	10:45	4	X				X	008
9. SB-0766 (14-15)		SD	11-19-07	10:48	4	X				X	009
10. SB-0768 (0-2)		SD	11-19-07	11:00	4	X				X	010
11. SB-0768 (8-10)		SD	11-19-07	11:04	4	X				X	011
12. SB-0768 (14-15)		SD	11-19-07	11:08	4	X				X	012
13. SB-0767 (8-10)		SD	11-19-07	11:20	4	X				X	013
14. SB-0767 (14-15)		SD	11-19-07	11:24	4	X				X	014
15. SB-0769 (0-2)		SD	11-19-07	11:35	4	X				X	015

TOTAL NUMBER OF CONTAINERS 60 OF 30

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		MARK FESWICKELER	11-20-07	2:40	MARK FESWICKELER	11-20-07	2:40
AIRBILL NO.							

Sample Condition	Temp in C 4.9	0.30C 4.95C
Received on Ice	Y	
Sealed Cooler	Y	
Samples Intact	Y	
Additional Comments:	WT 301 OKP Client Pel.	
Sample Name:	ZOMAR WOODRUFF	
Sampler Signature:	[Signature]	
Date:	11-20-07	



CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 2 OF 5

Required Client Information:

Company:	ALCANTARA	Report To:	MARKESSER
Address:	251 E. ONTO ST	Copy To:	SAC SENECA
	SFE, 800	Invoice To:	SAC SENECA
	INARS, 231-6514	P.O.:	INARS, 231-6514
Phone:	317-231-6514	Project Name:	KIKAMU
Fax:	317-231-6514	Project Number:	INARS, 231-6514
E-mail:	MARKESSER@ALCANTARA.COM		

Laboratory:	PACE
Laboratory Location:	INARS, 231
Laboratory Contact:	DOJNA SENECA
Requested Due Date:	TAT: STAN
QA/QC Requirements:	LEVEL IV

ID #	Nº 04373

SSOW Ref. Code:	E020006

Analysis and Method

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SF Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative					Other Methods	Remarks/Lab ID
						HCl	H2SO4	HNO3	NaOH	Other Methods		
1. SB-0769 (12-14)		SO	11-19-07	11:40	4	X					X	016
2. SB-0773 (0-2)		SO	11-19-07	11:57	4	X					X	017-
3. SB-0773 (8-10)		SO	11-19-07	11:56	12	X					X	MS/MSD 018
4. SB-0773 (14-15)		SO	11-19-07	12:04	4	X					X	019
5. FD-1 (110907)-RW		SO	11-19-07	—	4	X					X	020
6. FD-2 (111907)-RW		SO	11-19-07	—	4	X					X	021
7. SB-0774 (14-15)		SO	11-19-07	12:45	4	X					X	022
8. SB-0775 (0-2)		SO	11-19-07	12:58	4	X					X	023
9. SB-0775 (8-10)		SO	11-19-07	13:01	4	X					X	024
10. SB-0775 (14-15)		SO	11-19-07	13:05	4	X					X	025
11. SB-0776 (14-15)		SO	11-19-07	13:15	12	X					X	MS/MSD 026
12. SB-0770 (8-10)		SO	11-19-07	13:35	4	X					X	027
13. SB-0770 (14-15)		SO	11-19-07	13:37	4	X					X	028
14. FD-3 (111907)-RW		SO	11-19-07	—	4	X					X	029
15. SB-0771 (8-10)		SO	11-19-07	13:48	4	X					X	030

TOTAL NUMBER OF CONTAINERS 76 OF 301

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		ALCANTARA	11-20-07	2:40	ALCANTARA	11/20/07	2:40
AIRBILL NO.							

Sample Condition

Temp in C	4.9
Received on Ice	N
Sealed Cooler	Y
Samples Intact	N

Additional Comments:
4.9, 0.3, 4.9, 1.5, 5.5

Sampler Name: James Woodward
Sampler Signature: [Signature]
Date: 11-20-07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy



CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 3 OF 5

Required Client Information:

Company:	ACCADIES	Report To:	MARIL FESWICK-KELLEN
Address:	851 E. OWEN ST, SFE 800 TAMPA, FL 33604	Copy To:	SUE SENESE
Phone:	317-231-6500	Invoice To:	SUE SENESE
Fax:	317-231-6514	P.O.:	TX 743,2,2
E-mail:	MARIL.FESWICK-KELLEN@ACCADIES-USA.COM	Project Name:	KOKORVED
		Project Number:	TX743.2.2

Laboratory:	PAVE
Laboratory Location:	CLINTON SPRING
Laboratory Contact:	CLINTON, IN
Requested Due Date:	TAT: 31ND
QA/QC Requirements:	LEVEL IV

ID # N° 04374

SSOW Ref Code:
E020006

Analysis and Method

Valid Matrix Codes:		Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Preservative				Other Methanol	Remarks/Lab ID
WG	Groundwater						HCl	H2SO4	HNO3	NaOH		
SO	Soil	SO	11-19-07	13:51	4	X					X	031
SO	Soil	SO	11-19-07	14:05	4	X					X	032
SO	Soil	SO	11-19-07	14:07	4	X					X	033
SO	Soil	SO	11-19-07	14:09	4	X					X	034
SO	Soil	SO	11-19-07	14:23	4	X					X	035
SO	Soil	SO	11-19-07	14:25	4	X					X	036
SO	Soil	SO	11-19-07	14:27	4	X					X	037
SO	Soil	SO	11-19-07	14:36	4	X					X	038
SO	Soil	SO	11-19-07	14:39	4	X					X	039
SO	Soil	SO	11-19-07	15:05	4	X					X	040
SO	Soil	SO	11-19-07	15:09	4	X					X	041
SO	Soil	SO	11-19-07	15:17	4	X					X	042
SO	Soil	SO	11-19-07	15:19	4	X					X	043
SO	Soil	SO	11-19-07	15:21	4	X					X	044
SO	Soil	SO	11-19-07	15:37	4	X					X	045

TOTAL NUMBER OF CONTAINERS 60 OF 301

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		Paul Dwyer/ACCADIES	11-20-07	2:40	Paul Dwyer/ACCADIES	11-20-07	2:10
AIRBILL NO.							

Sample Condition: 64, 903, 94, 945, 96
Temp in C: 4.9
Received on Ice: YES
Sealed Cooler: YES
Samples Intact: YES

Sampler Name: Samuel Woodhouse
Sampler Signature: [Signature]
Date: 11-20-07



CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 4 OF 5

Required Client Information:

Company:	ARCADIS	Report To:	MARK FESWICK
Address:	851 E. ONTO ST STE. 800 INDIANAPOLIS, IN 46204	Copy To:	SUE SCHWARTZ
Phone:	317-231-6546	Invoice To:	SUE SCHWARTZ
Fax:	317-231-6546	P.O.:	TJ 743-2-2
E-mail:	MARK.FESWICK@ARCADIS-USA.COM	Project Name:	KOILIN-O
		Project Number:	F-743-2-2

Laboratory:	PAGE
Laboratory Location:	INDIANAPOLIS, IN
Laboratory Contact:	DOANNA SPYKER
Requested Due Date:	TAT: STD
QA/QC Requirements:	LEVEL III

ID # N° 04375

SSOW Ref. Code: E 020006

Analysis and Method

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative					Other	Remarks/Lab ID
						Unpreserved	HCl	H2SO4	HNO3	NaOH		
1. SB-0784 (8-10)		SO	11-19-07	15:39	4	X					X	046
2. SB-0784 (14-15)		SO	11-19-07	15:41	4	X					X	047
3. SB-0783 (8-10)		SO	11-19-07	15:58	4	X					X	048
4. SB-0783 (14-15)		SO	11-19-07	16:00	4	X					X	049
5. SB-0779 (8-10)		SO	11-20-07	07:47	12	X					X	050
6. SB-0779 (14-15)		SO	11-20-07	07:52	4	X					X	051
7. SB-0780 (8-10)		SO	11-20-07	08:00	4	X					X	052
8. SB-0780 (14-15)		SO	11-20-07	08:03	4	X					X	053
9. SB-0781 (8-10)		SO	11-20-07	08:15	4	X					X	054
10. SB-0781 (14-15)		SO	11-20-07	08:17	4	X					X	055
11. SB-0782 (8-10)		SO	11-20-07	08:28	4	X					X	056
12. SB-0782 (14-15)		SO	11-20-07	08:30	4	X					X	057
13. SB-0787 (0-2)		SO	11-20-07	08:51	4	X					X	058
14. SB-0787 (8-10)		SO	11-20-07	08:53	4	X					X	059
15. SB-0787 (14-15)		SO	11-20-07	08:55	4	X					X	060
TOTAL NUMBER OF CONTAINERS 68 OF 301												

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		Mark Feswick / ARCADIS	11-20-07	2:40	[Signature]	11-20-07	2:40
AIRBILL NO.							

Sample Condition	Temp in C	4.9°C - 0.3°C / 41.0°C - 5.5°C
Received on Ice		Yes
Sealed Cooler		Yes
Samples Intact		Yes
Additional Comments:		

Sampler Name: [Signature]
Date: 11-20-07



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 5 OF 5

Required Client Information:

Company:	ARCADIS	Report To:	MARK FESNER/REDA
Address:	851 E. Ohio St	Copy To:	Sue Surace
	CHICAGO, IL 60604	Invoice To:	SUE SCHACHT
	CHSTE. 800	P.O.:	TS943.2.2
Phone:	317-231-6500	Project Name:	KOKOMO
Fax:	317-231-6514	Project Number:	TS943.2.2
E-mail:	MARK.FESNER@ARCADIS.COM		

Laboratory:	FACE
Laboratory Location:	TADPUS, IN
Laboratory Contact:	DANNA SPYKER
Requested Due Date:	TAT: STND.
QA/QC Requirements:	LEVELTY

ID #	Nº 04376

SSOW Ref. Code:	ED20006

Analysis and Method

E-mail: MAADK_F@FWSKYLLER2@NRCANES-US.COM														
Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes														
Sample Identification:														
Matrix Code														
Date Collected														
Time Collected														
# Containers														
Unpreserved														
HCl														
H2SO4														
HNO3														
NaOH														
Other: MANUAL														
VOCs - 8260														
Remarks/Lab ID														
509466														
061														
062														
063														
064														
065														
066														
067 Empty TERRA GAS														
068 Empty TERRA GAS														
069 Empty TERRA GAS														
070 Empty TERRA GAS														



Sample Condition Upon Receipt

Client Name: Arcadis

Project # 609466

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used 0234

Type of Ice: Wet Blue None

☐ Samples on ice, cooling process has begun

Cooler Temperature 4.9° - 0.3° - 4.7° - 5.8°

Biological Tissue is Frozen: Yes No

Date and initials of person examining contents: _____

Temp should be above freezing to 8°C

Comments: _____

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☒ Yes ☐ No ☐ N/A	6. <u>Terracores Reg.</u>
Rush Turn Around Time Requested:	☒ Yes ☐ No ☒ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☐ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>Yes</u>		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☒ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☒ Yes ☐ No ☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☒ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 11/19/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

January 25, 2008

Ms. Susan Scrocchi
Conestoga-Rovers and Associates
2055 Niagara Falls Blvd
Suite 2
Niagara Falls, NY 14304

RE: Project: Kokomo/ IN743.2.2
Pace Project No.: 5011151

Dear Ms. Scrocchi:

Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Donna Spyker

dspyker@pacelabs.com
Project Manager

Illinois/NELAC Certification Number: 100418

Indiana Certification Number: C-49-06

Kansas Certification Number: E-10247

Kentucky Certification Number: 0042

Ohio VAP: CL0065

Pennsylvania: 68-00791

West Virginia Certification Number: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5011151001	SB-0806(14-15)	Solid	01/15/08 10:15	01/16/08 08:00
5011151002	SB-0805 (14-15)	Solid	01/15/08 10:45	01/16/08 08:00
5011151003	SB-0804(14-15)	Solid	01/15/08 11:10	01/16/08 08:00
5011151004	SB-0803(8-10)	Solid	01/15/08 11:25	01/16/08 08:00
5011151005	SB-0802(14-15)	Solid	01/15/08 12:20	01/16/08 08:00
5011151006	SB-0801(14-15)	Solid	01/15/08 11:55	01/16/08 08:00
5011151007	SB-0814(8-10)	Solid	01/15/08 14:40	01/16/08 08:00
5011151008	SB-0814(14-15)	Solid	01/15/08 14:43	01/16/08 08:00
5011151009	SB-0811(14-15)	Solid	01/15/08 13:15	01/16/08 08:00
5011151010	SB-0810(14-15)	Solid	01/15/08 13:33	01/16/08 08:00
5011151011	SB-0809(14-15)	Solid	01/15/08 13:52	01/16/08 08:00
5011151012	SB-0808(14-15)	Solid	01/15/08 14:08	01/16/08 08:00
5011151013	SB-0807(14-15)	Solid	01/15/08 14:25	01/16/08 08:00
5011151014	SB-0813(14-15)	Solid	01/15/08 15:00	01/16/08 08:00
5011151015	SB-0812(14-15)	Solid	01/15/08 15:25	01/16/08 08:00
5011151016	FD-1(011508) RW	Solid	01/15/08 08:00	01/16/08 08:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5011151001	SB-0806(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151002	SB-0805 (14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151003	SB-0804(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151004	SB-0803(8-10)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151005	SB-0802(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151006	SB-0801(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151007	SB-0814(8-10)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151008	SB-0814(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151009	SB-0811(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151010	SB-0810(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151011	SB-0809(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151012	SB-0808(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151013	SB-0807(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151014	SB-0813(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151015	SB-0812(14-15)	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51
5011151016	FD-1(011508) RW	ASTM D2974-87	LLB	1
		EPA 8260	TLC	51

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0806(14-15) Lab ID: 5011151001 Collected: 01/15/08 10:15 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	85.0	1		01/17/08 14:20	67-64-1	
Benzene	ND	ug/kg	4.3	1		01/17/08 14:20	71-43-2	
Bromodichloromethane	ND	ug/kg	4.3	1		01/17/08 14:20	75-27-4	
Bromoform	ND	ug/kg	4.3	1		01/17/08 14:20	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		01/17/08 14:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.3	1		01/17/08 14:20	78-93-3	
Carbon disulfide	ND	ug/kg	8.5	1		01/17/08 14:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		01/17/08 14:20	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		01/17/08 14:20	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		01/17/08 14:20	75-00-3	
Chloroform	13.2	ug/kg	4.3	1		01/17/08 14:20	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		01/17/08 14:20	74-87-3	
Cyclohexane	ND	ug/kg	85.0	1		01/17/08 14:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		01/17/08 14:20	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		01/17/08 14:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		01/17/08 14:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		01/17/08 14:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		01/17/08 14:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		01/17/08 14:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		01/17/08 14:20	75-71-8	
1,1-Dichloroethane	4.4	ug/kg	4.3	1		01/17/08 14:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		01/17/08 14:20	107-06-2	
1,1-Dichloroethene	5.4	ug/kg	4.3	1		01/17/08 14:20	75-35-4	
cis-1,2-Dichloroethene	54.8	ug/kg	4.3	1		01/17/08 14:20	156-59-2	
trans-1,2-Dichloroethene	12.1	ug/kg	4.3	1		01/17/08 14:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		01/17/08 14:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		01/17/08 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		01/17/08 14:20	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		01/17/08 14:20	100-41-4	
2-Hexanone	ND	ug/kg	85.0	1		01/17/08 14:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		01/17/08 14:20	98-82-8	
Methyl acetate	ND	ug/kg	4.3	1		01/17/08 14:20	79-20-9	
Methylcyclohexane	ND	ug/kg	4.3	1		01/17/08 14:20	108-87-2	
Methylene chloride	ND	ug/kg	17.0	1		01/17/08 14:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.3	1		01/17/08 14:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		01/17/08 14:20	1634-04-4	
Styrene	ND	ug/kg	4.3	1		01/17/08 14:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		01/17/08 14:20	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		01/17/08 14:20	127-18-4	
Toluene	ND	ug/kg	4.3	1		01/17/08 14:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		01/17/08 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		01/17/08 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		01/17/08 14:20	79-00-5	
Trichloroethene	57.9J	ug/kg	91.0	25		01/18/08 11:48	79-01-6	1d,J
Trichlorofluoromethane	ND	ug/kg	4.3	1		01/17/08 14:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.3	1		01/17/08 14:20	76-13-1	

Date: 01/25/2008 11:36 AM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0806(14-15)** Lab ID: **5011151001** Collected: 01/15/08 10:15 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.3	1		01/17/08 14:20	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		01/17/08 14:20	1330-20-7	
Dibromofluoromethane (S)	100	%	82-130	1		01/17/08 14:20	1868-53-7	
Toluene-d8 (S)	119	%	81-120	1		01/17/08 14:20	2037-26-5	
4-Bromofluorobenzene (S)	68	%	65-117	1		01/17/08 14:20	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.7	%	0.10	1		01/18/08 14:32		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0805 (14-15)** Lab ID: **5011151002** Collected: 01/15/08 10:45 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	19300	250		01/17/08 18:39	67-64-1	
Benzene	ND	ug/kg	967	250		01/17/08 18:39	71-43-2	
Bromodichloromethane	ND	ug/kg	967	250		01/17/08 18:39	75-27-4	
Bromoform	ND	ug/kg	967	250		01/17/08 18:39	75-25-2	
Bromomethane	ND	ug/kg	967	250		01/17/08 18:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	4830	250		01/17/08 18:39	78-93-3	
Carbon disulfide	ND	ug/kg	1930	250		01/17/08 18:39	75-15-0	
Carbon tetrachloride	ND	ug/kg	967	250		01/17/08 18:39	56-23-5	
Chlorobenzene	ND	ug/kg	967	250		01/17/08 18:39	108-90-7	
Chloroethane	ND	ug/kg	967	250		01/17/08 18:39	75-00-3	
Chloroform	ND	ug/kg	967	250		01/17/08 18:39	67-66-3	
Chloromethane	ND	ug/kg	967	250		01/17/08 18:39	74-87-3	
Cyclohexane	ND	ug/kg	19300	250		01/17/08 18:39	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	967	250		01/17/08 18:39	96-12-8	
Dibromochloromethane	ND	ug/kg	967	250		01/17/08 18:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	967	250		01/17/08 18:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	967	250		01/17/08 18:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	967	250		01/17/08 18:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	967	250		01/17/08 18:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	967	250		01/17/08 18:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	967	250		01/17/08 18:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	967	250		01/17/08 18:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	967	250		01/17/08 18:39	75-35-4	
cis-1,2-Dichloroethene	13500	ug/kg	967	250		01/17/08 18:39	156-59-2	
trans-1,2-Dichloroethene	4360	ug/kg	967	250		01/17/08 18:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	967	250		01/17/08 18:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	967	250		01/17/08 18:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	967	250		01/17/08 18:39	10061-02-6	
Ethylbenzene	ND	ug/kg	967	250		01/17/08 18:39	100-41-4	
2-Hexanone	ND	ug/kg	19300	250		01/17/08 18:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	967	250		01/17/08 18:39	98-82-8	
Methyl acetate	ND	ug/kg	967	250		01/17/08 18:39	79-20-9	
Methylcyclohexane	ND	ug/kg	967	250		01/17/08 18:39	108-87-2	
Methylene chloride	ND	ug/kg	3870	250		01/17/08 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	4830	250		01/17/08 18:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	967	250		01/17/08 18:39	1634-04-4	
Styrene	ND	ug/kg	967	250		01/17/08 18:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	967	250		01/17/08 18:39	79-34-5	
Tetrachloroethene	ND	ug/kg	967	250		01/17/08 18:39	127-18-4	
Toluene	ND	ug/kg	967	250		01/17/08 18:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	967	250		01/17/08 18:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	967	250		01/17/08 18:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	967	250		01/17/08 18:39	79-00-5	
Trichloroethene	83400	ug/kg	1930	500		01/18/08 12:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	967	250		01/17/08 18:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	967	250		01/17/08 18:39	76-13-1	

Date: 01/25/2008 11:36 AM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0805 (14-15)** Lab ID: **5011151002** Collected: 01/15/08 10:45 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND ug/kg		967	250		01/17/08 18:39	75-01-4	
Xylene (Total)	ND ug/kg		1930	250		01/17/08 18:39	1330-20-7	
Dibromofluoromethane (S)	95 %		82-130	250		01/17/08 18:39	1868-53-7	
Toluene-d8 (S)	96 %		81-120	250		01/17/08 18:39	2037-26-5	D4
4-Bromofluorobenzene (S)	95 %		65-117	250		01/17/08 18:39	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10 %		0.10	1		01/18/08 14:33		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0804(14-15) Lab ID: 5011151003 Collected: 01/15/08 11:10 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	12400	100		01/17/08 19:12	67-64-1	
Benzene	ND	ug/kg	622	100		01/17/08 19:12	71-43-2	
Bromodichloromethane	ND	ug/kg	622	100		01/17/08 19:12	75-27-4	
Bromoform	ND	ug/kg	622	100		01/17/08 19:12	75-25-2	
Bromomethane	ND	ug/kg	622	100		01/17/08 19:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	3110	100		01/17/08 19:12	78-93-3	
Carbon disulfide	ND	ug/kg	1240	100		01/17/08 19:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	622	100		01/17/08 19:12	56-23-5	
Chlorobenzene	ND	ug/kg	622	100		01/17/08 19:12	108-90-7	
Chloroethane	ND	ug/kg	622	100		01/17/08 19:12	75-00-3	
Chloroform	ND	ug/kg	622	100		01/17/08 19:12	67-66-3	
Chloromethane	ND	ug/kg	622	100		01/17/08 19:12	74-87-3	
Cyclohexane	ND	ug/kg	12400	100		01/17/08 19:12	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	622	100		01/17/08 19:12	96-12-8	
Dibromochloromethane	ND	ug/kg	622	100		01/17/08 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	622	100		01/17/08 19:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	622	100		01/17/08 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	622	100		01/17/08 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	622	100		01/17/08 19:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	622	100		01/17/08 19:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	622	100		01/17/08 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	622	100		01/17/08 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	622	100		01/17/08 19:12	75-35-4	
cis-1,2-Dichloroethene	14600	ug/kg	622	100		01/17/08 19:12	156-59-2	
trans-1,2-Dichloroethene	5420	ug/kg	622	100		01/17/08 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	622	100		01/17/08 19:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	622	100		01/17/08 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	622	100		01/17/08 19:12	10061-02-6	
Ethylbenzene	ND	ug/kg	622	100		01/17/08 19:12	100-41-4	
2-Hexanone	ND	ug/kg	12400	100		01/17/08 19:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	622	100		01/17/08 19:12	98-82-8	
Methyl acetate	ND	ug/kg	622	100		01/17/08 19:12	79-20-9	
Methylcyclohexane	ND	ug/kg	622	100		01/17/08 19:12	108-87-2	
Methylene chloride	ND	ug/kg	2490	100		01/17/08 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	3110	100		01/17/08 19:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	622	100		01/17/08 19:12	1634-04-4	
Styrene	ND	ug/kg	622	100		01/17/08 19:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	622	100		01/17/08 19:12	79-34-5	
Tetrachloroethene	ND	ug/kg	622	100		01/17/08 19:12	127-18-4	
Toluene	ND	ug/kg	622	100		01/17/08 19:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	622	100		01/17/08 19:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	622	100		01/17/08 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	622	100		01/17/08 19:12	79-00-5	
Trichloroethene	270J	ug/kg	622	100		01/17/08 19:12	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	622	100		01/17/08 19:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	622	100		01/17/08 19:12	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0804(14-15)** Lab ID: **5011151003** Collected: 01/15/08 11:10 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	622	100		01/17/08 19:12	75-01-4	
Xylene (Total)	ND	ug/kg	1240	100		01/17/08 19:12	1330-20-7	
Dibromofluoromethane (S)	93	%	82-130	100		01/17/08 19:12	1868-53-7	
Toluene-d8 (S)	96	%	81-120	100		01/17/08 19:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	65-117	100		01/17/08 19:12	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.9	%	0.10	1		01/18/08 14:33		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0803(8-10) Lab ID: 5011151004 Collected: 01/15/08 11:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	8630	100		01/17/08 18:23	67-64-1	
Benzene	ND	ug/kg	431	100		01/17/08 18:23	71-43-2	
Bromodichloromethane	ND	ug/kg	431	100		01/17/08 18:23	75-27-4	
Bromoform	ND	ug/kg	431	100		01/17/08 18:23	75-25-2	
Bromomethane	ND	ug/kg	431	100		01/17/08 18:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2160	100		01/17/08 18:23	78-93-3	
Carbon disulfide	ND	ug/kg	863	100		01/17/08 18:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	431	100		01/17/08 18:23	56-23-5	
Chlorobenzene	ND	ug/kg	431	100		01/17/08 18:23	108-90-7	
Chloroethane	ND	ug/kg	431	100		01/17/08 18:23	75-00-3	
Chloroform	ND	ug/kg	431	100		01/17/08 18:23	67-66-3	
Chloromethane	ND	ug/kg	431	100		01/17/08 18:23	74-87-3	
Cyclohexane	ND	ug/kg	8630	100		01/17/08 18:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	431	100		01/17/08 18:23	96-12-8	
Dibromochloromethane	ND	ug/kg	431	100		01/17/08 18:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	431	100		01/17/08 18:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	431	100		01/17/08 18:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	431	100		01/17/08 18:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	431	100		01/17/08 18:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	431	100		01/17/08 18:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	431	100		01/17/08 18:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	431	100		01/17/08 18:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	431	100		01/17/08 18:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	431	100		01/17/08 18:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	431	100		01/17/08 18:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	431	100		01/17/08 18:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	431	100		01/17/08 18:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	431	100		01/17/08 18:23	10061-02-6	
Ethylbenzene	ND	ug/kg	431	100		01/17/08 18:23	100-41-4	
2-Hexanone	ND	ug/kg	8630	100		01/17/08 18:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	431	100		01/17/08 18:23	98-82-8	
Methyl acetate	ND	ug/kg	431	100		01/17/08 18:23	79-20-9	
Methylcyclohexane	ND	ug/kg	431	100		01/17/08 18:23	108-87-2	
Methylene chloride	ND	ug/kg	1730	100		01/17/08 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2160	100		01/17/08 18:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	431	100		01/17/08 18:23	1634-04-4	
Styrene	ND	ug/kg	431	100		01/17/08 18:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	431	100		01/17/08 18:23	79-34-5	
Tetrachloroethene	ND	ug/kg	431	100		01/17/08 18:23	127-18-4	
Toluene	ND	ug/kg	431	100		01/17/08 18:23	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	431	100		01/17/08 18:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	431	100		01/17/08 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	431	100		01/17/08 18:23	79-00-5	
Trichloroethene	7270	ug/kg	431	100		01/17/08 18:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	431	100		01/17/08 18:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	431	100		01/17/08 18:23	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0803(8-10)** Lab ID: **5011151004** Collected: 01/15/08 11:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	431	100		01/17/08 18:23	75-01-4	
Xylene (Total)	ND	ug/kg	863	100		01/17/08 18:23	1330-20-7	
Dibromofluoromethane (S)	95	%	82-130	100		01/17/08 18:23	1868-53-7	
Toluene-d8 (S)	96	%	81-120	100		01/17/08 18:23	2037-26-5	D4
4-Bromofluorobenzene (S)	92	%	65-117	100		01/17/08 18:23	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	15.0	%	0.10	1		01/18/08 14:33		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0802(14-15) Lab ID: 5011151005 Collected: 01/15/08 12:20 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	99.2	1		01/17/08 14:36	67-64-1	
Benzene	ND	ug/kg	5.0	1		01/17/08 14:36	71-43-2	
Bromodichloromethane	ND	ug/kg	5.0	1		01/17/08 14:36	75-27-4	
Bromoform	ND	ug/kg	5.0	1		01/17/08 14:36	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		01/17/08 14:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.8	1		01/17/08 14:36	78-93-3	
Carbon disulfide	ND	ug/kg	9.9	1		01/17/08 14:36	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		01/17/08 14:36	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		01/17/08 14:36	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	75-00-3	
Chloroform	ND	ug/kg	5.0	1		01/17/08 14:36	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		01/17/08 14:36	74-87-3	
Cyclohexane	ND	ug/kg	99.2	1		01/17/08 14:36	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		01/17/08 14:36	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1		01/17/08 14:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		01/17/08 14:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		01/17/08 14:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		01/17/08 14:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		01/17/08 14:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		01/17/08 14:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	107-06-2	
1,1-Dichloroethene	14.6	ug/kg	5.0	1		01/17/08 14:36	75-35-4	
cis-1,2-Dichloroethene	2400	ug/kg	210	50		01/18/08 12:04	156-59-2	
trans-1,2-Dichloroethene	21.7	ug/kg	5.0	1		01/17/08 14:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		01/17/08 14:36	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		01/17/08 14:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		01/17/08 14:36	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		01/17/08 14:36	100-41-4	
2-Hexanone	ND	ug/kg	99.2	1		01/17/08 14:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		01/17/08 14:36	98-82-8	
Methyl acetate	ND	ug/kg	5.0	1		01/17/08 14:36	79-20-9	
Methylcyclohexane	ND	ug/kg	5.0	1		01/17/08 14:36	108-87-2	
Methylene chloride	ND	ug/kg	19.8	1		01/17/08 14:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.8	1		01/17/08 14:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		01/17/08 14:36	1634-04-4	
Styrene	ND	ug/kg	5.0	1		01/17/08 14:36	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		01/17/08 14:36	127-18-4	
Toluene	ND	ug/kg	5.0	1		01/17/08 14:36	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		01/17/08 14:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		01/17/08 14:36	79-00-5	
Trichloroethene	5.5	ug/kg	5.0	1		01/17/08 14:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		01/17/08 14:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	5.0	1		01/17/08 14:36	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0802(14-15)** Lab ID: **5011151005** Collected: 01/15/08 12:20 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	23.9	ug/kg	5.0	1		01/17/08 14:36	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1		01/17/08 14:36	1330-20-7	
Dibromofluoromethane (S)	97	%	82-130	1		01/17/08 14:36	1868-53-7	
Toluene-d8 (S)	108	%	81-120	1		01/17/08 14:36	2037-26-5	
4-Bromofluorobenzene (S)	78	%	65-117	1		01/17/08 14:36	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.3	%	0.10	1		01/18/08 14:33		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0801(14-15) Lab ID: 5011151006 Collected: 01/15/08 11:55 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	39700	500		01/17/08 19:44	67-64-1	
Benzene	ND	ug/kg	1990	500		01/17/08 19:44	71-43-2	
Bromodichloromethane	ND	ug/kg	1990	500		01/17/08 19:44	75-27-4	
Bromoform	ND	ug/kg	1990	500		01/17/08 19:44	75-25-2	
Bromomethane	ND	ug/kg	1990	500		01/17/08 19:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	9930	500		01/17/08 19:44	78-93-3	
Carbon disulfide	ND	ug/kg	3970	500		01/17/08 19:44	75-15-0	
Carbon tetrachloride	ND	ug/kg	1990	500		01/17/08 19:44	56-23-5	
Chlorobenzene	ND	ug/kg	1990	500		01/17/08 19:44	108-90-7	
Chloroethane	ND	ug/kg	1990	500		01/17/08 19:44	75-00-3	
Chloroform	ND	ug/kg	1990	500		01/17/08 19:44	67-66-3	
Chloromethane	ND	ug/kg	1990	500		01/17/08 19:44	74-87-3	
Cyclohexane	ND	ug/kg	39700	500		01/17/08 19:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1990	500		01/17/08 19:44	96-12-8	
Dibromochloromethane	ND	ug/kg	1990	500		01/17/08 19:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1990	500		01/17/08 19:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	1990	500		01/17/08 19:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1990	500		01/17/08 19:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1990	500		01/17/08 19:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	1990	500		01/17/08 19:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1990	500		01/17/08 19:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1990	500		01/17/08 19:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1990	500		01/17/08 19:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1990	500		01/17/08 19:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1990	500		01/17/08 19:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1990	500		01/17/08 19:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	1990	500		01/17/08 19:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1990	500		01/17/08 19:44	10061-02-6	
Ethylbenzene	ND	ug/kg	1990	500		01/17/08 19:44	100-41-4	
2-Hexanone	ND	ug/kg	39700	500		01/17/08 19:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	1990	500		01/17/08 19:44	98-82-8	
Methyl acetate	ND	ug/kg	1990	500		01/17/08 19:44	79-20-9	
Methylcyclohexane	ND	ug/kg	1990	500		01/17/08 19:44	108-87-2	
Methylene chloride	ND	ug/kg	7940	500		01/17/08 19:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	9930	500		01/17/08 19:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1990	500		01/17/08 19:44	1634-04-4	
Styrene	ND	ug/kg	1990	500		01/17/08 19:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1990	500		01/17/08 19:44	79-34-5	
Tetrachloroethene	ND	ug/kg	1990	500		01/17/08 19:44	127-18-4	
Toluene	ND	ug/kg	1990	500		01/17/08 19:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	1990	500		01/17/08 19:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1990	500		01/17/08 19:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1990	500		01/17/08 19:44	79-00-5	
Trichloroethene	215000	ug/kg	3970	1000		01/18/08 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1990	500		01/17/08 19:44	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	1990	500		01/17/08 19:44	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0801(14-15) **Lab ID: 5011151006** Collected: 01/15/08 11:55 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	1990	500		01/17/08 19:44	75-01-4	
Xylene (Total)	ND	ug/kg	3970	500		01/17/08 19:44	1330-20-7	
Dibromofluoromethane (S)	95	%	82-130	500		01/17/08 19:44	1868-53-7	
Toluene-d8 (S)	96	%	81-120	500		01/17/08 19:44	2037-26-5	D4
4-Bromofluorobenzene (S)	94	%	65-117	500		01/17/08 19:44	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.0	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0814(8-10) Lab ID: 5011151007 Collected: 01/15/08 14:40 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	83.0	1		01/17/08 14:52	67-64-1	
Benzene	ND	ug/kg	4.2	1		01/17/08 14:52	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		01/17/08 14:52	75-27-4	
Bromoform	ND	ug/kg	4.2	1		01/17/08 14:52	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		01/17/08 14:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.8	1		01/17/08 14:52	78-93-3	
Carbon disulfide	ND	ug/kg	8.3	1		01/17/08 14:52	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		01/17/08 14:52	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		01/17/08 14:52	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	75-00-3	
Chloroform	ND	ug/kg	4.2	1		01/17/08 14:52	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		01/17/08 14:52	74-87-3	
Cyclohexane	ND	ug/kg	83.0	1		01/17/08 14:52	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		01/17/08 14:52	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		01/17/08 14:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		01/17/08 14:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 14:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 14:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 14:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		01/17/08 14:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 14:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 14:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 14:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		01/17/08 14:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 14:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 14:52	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		01/17/08 14:52	100-41-4	
2-Hexanone	ND	ug/kg	83.0	1		01/17/08 14:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		01/17/08 14:52	98-82-8	
Methyl acetate	ND	ug/kg	4.2	1		01/17/08 14:52	79-20-9	
Methylcyclohexane	ND	ug/kg	4.2	1		01/17/08 14:52	108-87-2	
Methylene chloride	ND	ug/kg	16.6	1		01/17/08 14:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.8	1		01/17/08 14:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		01/17/08 14:52	1634-04-4	
Styrene	ND	ug/kg	4.2	1		01/17/08 14:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		01/17/08 14:52	127-18-4	
Toluene	ND	ug/kg	4.2	1		01/17/08 14:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		01/17/08 14:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 14:52	79-00-5	
Trichloroethene	140	ug/kg	4.2	1		01/17/08 14:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		01/17/08 14:52	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		01/17/08 14:52	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0814(8-10)** Lab ID: **5011151007** Collected: 01/15/08 14:40 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.2	1		01/17/08 14:52	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	1		01/17/08 14:52	1330-20-7	
Dibromofluoromethane (S)	95 %		82-130	1		01/17/08 14:52	1868-53-7	
Toluene-d8 (S)	98 %		81-120	1		01/17/08 14:52	2037-26-5	
4-Bromofluorobenzene (S)	88 %		65-117	1		01/17/08 14:52	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.2	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0814(14-15) Lab ID: 5011151008 Collected: 01/15/08 14:43 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	87.9	1		01/17/08 15:08	67-64-1	
Benzene	ND	ug/kg	4.4	1		01/17/08 15:08	71-43-2	
Bromodichloromethane	ND	ug/kg	4.4	1		01/17/08 15:08	75-27-4	
Bromoform	ND	ug/kg	4.4	1		01/17/08 15:08	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		01/17/08 15:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.0	1		01/17/08 15:08	78-93-3	
Carbon disulfide	ND	ug/kg	8.8	1		01/17/08 15:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		01/17/08 15:08	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		01/17/08 15:08	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	75-00-3	
Chloroform	ND	ug/kg	4.4	1		01/17/08 15:08	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		01/17/08 15:08	74-87-3	
Cyclohexane	ND	ug/kg	87.9	1		01/17/08 15:08	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		01/17/08 15:08	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		01/17/08 15:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		01/17/08 15:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		01/17/08 15:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		01/17/08 15:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		01/17/08 15:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		01/17/08 15:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		01/17/08 15:08	75-35-4	
cis-1,2-Dichloroethene	1.8J	ug/kg	4.4	1		01/17/08 15:08	156-59-2	J
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		01/17/08 15:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		01/17/08 15:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		01/17/08 15:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		01/17/08 15:08	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		01/17/08 15:08	100-41-4	
2-Hexanone	ND	ug/kg	87.9	1		01/17/08 15:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		01/17/08 15:08	98-82-8	
Methyl acetate	ND	ug/kg	4.4	1		01/17/08 15:08	79-20-9	
Methylcyclohexane	ND	ug/kg	4.4	1		01/17/08 15:08	108-87-2	
Methylene chloride	ND	ug/kg	17.6	1		01/17/08 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.0	1		01/17/08 15:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		01/17/08 15:08	1634-04-4	
Styrene	ND	ug/kg	4.4	1		01/17/08 15:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		01/17/08 15:08	127-18-4	
Toluene	ND	ug/kg	4.4	1		01/17/08 15:08	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		01/17/08 15:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		01/17/08 15:08	79-00-5	
Trichloroethene	2.0J	ug/kg	4.4	1		01/17/08 15:08	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.4	1		01/17/08 15:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.4	1		01/17/08 15:08	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0814(14-15) **Lab ID: 5011151008** Collected: 01/15/08 14:43 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	5.6	ug/kg	4.4	1		01/17/08 15:08	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		01/17/08 15:08	1330-20-7	
Dibromofluoromethane (S)	99	%	82-130	1		01/17/08 15:08	1868-53-7	
Toluene-d8 (S)	115	%	81-120	1		01/17/08 15:08	2037-26-5	
4-Bromofluorobenzene (S)	69	%	65-117	1		01/17/08 15:08	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.9	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0811(14-15) Lab ID: 5011151009 Collected: 01/15/08 13:15 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	82.3	1		01/17/08 15:45	67-64-1	
Benzene	ND	ug/kg	4.1	1		01/17/08 15:45	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		01/17/08 15:45	75-27-4	
Bromoform	ND	ug/kg	4.1	1		01/17/08 15:45	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		01/17/08 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.6	1		01/17/08 15:45	78-93-3	
Carbon disulfide	ND	ug/kg	8.2	1		01/17/08 15:45	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		01/17/08 15:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		01/17/08 15:45	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	75-00-3	
Chloroform	ND	ug/kg	4.1	1		01/17/08 15:45	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		01/17/08 15:45	74-87-3	
Cyclohexane	ND	ug/kg	82.3	1		01/17/08 15:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		01/17/08 15:45	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		01/17/08 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		01/17/08 15:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 15:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 15:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		01/17/08 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		01/17/08 15:45	75-35-4	
cis-1,2-Dichloroethene	2.3J	ug/kg	4.1	1		01/17/08 15:45	156-59-2	J
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		01/17/08 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		01/17/08 15:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		01/17/08 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		01/17/08 15:45	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		01/17/08 15:45	100-41-4	
2-Hexanone	ND	ug/kg	82.3	1		01/17/08 15:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		01/17/08 15:45	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		01/17/08 15:45	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		01/17/08 15:45	108-87-2	
Methylene chloride	ND	ug/kg	16.5	1		01/17/08 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.6	1		01/17/08 15:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		01/17/08 15:45	1634-04-4	
Styrene	ND	ug/kg	4.1	1		01/17/08 15:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		01/17/08 15:45	127-18-4	
Toluene	ND	ug/kg	4.1	1		01/17/08 15:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		01/17/08 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		01/17/08 15:45	79-00-5	
Trichloroethene	1.3J	ug/kg	4.1	1		01/17/08 15:45	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.1	1		01/17/08 15:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		01/17/08 15:45	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0811(14-15)** Lab ID: **5011151009** Collected: 01/15/08 13:15 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		01/17/08 15:45	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		01/17/08 15:45	1330-20-7	
Dibromofluoromethane (S)	95	%	82-130	1		01/17/08 15:45	1868-53-7	
Toluene-d8 (S)	99	%	81-120	1		01/17/08 15:45	2037-26-5	
4-Bromofluorobenzene (S)	88	%	65-117	1		01/17/08 15:45	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.2	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0810(14-15) Lab ID: 5011151010 Collected: 01/15/08 13:33 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	84.0	1		01/17/08 15:25	67-64-1	
Benzene	ND	ug/kg	4.2	1		01/17/08 15:25	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		01/17/08 15:25	75-27-4	
Bromoform	ND	ug/kg	4.2	1		01/17/08 15:25	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		01/17/08 15:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.0	1		01/17/08 15:25	78-93-3	
Carbon disulfide	ND	ug/kg	8.4	1		01/17/08 15:25	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		01/17/08 15:25	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		01/17/08 15:25	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	75-00-3	
Chloroform	ND	ug/kg	4.2	1		01/17/08 15:25	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		01/17/08 15:25	74-87-3	
Cyclohexane	ND	ug/kg	84.0	1		01/17/08 15:25	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		01/17/08 15:25	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		01/17/08 15:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		01/17/08 15:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 15:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 15:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 15:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		01/17/08 15:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 15:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 15:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 15:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		01/17/08 15:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 15:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 15:25	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		01/17/08 15:25	100-41-4	
2-Hexanone	ND	ug/kg	84.0	1		01/17/08 15:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		01/17/08 15:25	98-82-8	
Methyl acetate	ND	ug/kg	4.2	1		01/17/08 15:25	79-20-9	
Methylcyclohexane	ND	ug/kg	4.2	1		01/17/08 15:25	108-87-2	
Methylene chloride	ND	ug/kg	16.8	1		01/17/08 15:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.0	1		01/17/08 15:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		01/17/08 15:25	1634-04-4	
Styrene	ND	ug/kg	4.2	1		01/17/08 15:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		01/17/08 15:25	127-18-4	
Toluene	ND	ug/kg	4.2	1		01/17/08 15:25	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		01/17/08 15:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 15:25	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		01/17/08 15:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		01/17/08 15:25	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		01/17/08 15:25	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0810(14-15) **Lab ID: 5011151010** Collected: 01/15/08 13:33 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.2	1		01/17/08 15:25	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		01/17/08 15:25	1330-20-7	
Dibromofluoromethane (S)	98	%	82-130	1		01/17/08 15:25	1868-53-7	
Toluene-d8 (S)	108	%	81-120	1		01/17/08 15:25	2037-26-5	
4-Bromofluorobenzene (S)	76	%	65-117	1		01/17/08 15:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	7.3	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0809(14-15) Lab ID: 5011151011 Collected: 01/15/08 13:52 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	9410	100		01/18/08 12:53	67-64-1	
Benzene	ND	ug/kg	470	100		01/18/08 12:53	71-43-2	
Bromodichloromethane	ND	ug/kg	470	100		01/18/08 12:53	75-27-4	
Bromoform	ND	ug/kg	470	100		01/18/08 12:53	75-25-2	
Bromomethane	ND	ug/kg	470	100		01/18/08 12:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2350	100		01/18/08 12:53	78-93-3	
Carbon disulfide	ND	ug/kg	941	100		01/18/08 12:53	75-15-0	
Carbon tetrachloride	ND	ug/kg	470	100		01/18/08 12:53	56-23-5	
Chlorobenzene	ND	ug/kg	470	100		01/18/08 12:53	108-90-7	
Chloroethane	ND	ug/kg	470	100		01/18/08 12:53	75-00-3	
Chloroform	ND	ug/kg	470	100		01/18/08 12:53	67-66-3	
Chloromethane	ND	ug/kg	470	100		01/18/08 12:53	74-87-3	
Cyclohexane	ND	ug/kg	9410	100		01/18/08 12:53	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	470	100		01/18/08 12:53	96-12-8	
Dibromochloromethane	ND	ug/kg	470	100		01/18/08 12:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	470	100		01/18/08 12:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	470	100		01/18/08 12:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	470	100		01/18/08 12:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	470	100		01/18/08 12:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	470	100		01/18/08 12:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	470	100		01/18/08 12:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	470	100		01/18/08 12:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	470	100		01/18/08 12:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	470	100		01/18/08 12:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	470	100		01/18/08 12:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	470	100		01/18/08 12:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	470	100		01/18/08 12:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	470	100		01/18/08 12:53	10061-02-6	
Ethylbenzene	ND	ug/kg	470	100		01/18/08 12:53	100-41-4	
2-Hexanone	ND	ug/kg	9410	100		01/18/08 12:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	470	100		01/18/08 12:53	98-82-8	
Methyl acetate	ND	ug/kg	470	100		01/18/08 12:53	79-20-9	
Methylcyclohexane	ND	ug/kg	470	100		01/18/08 12:53	108-87-2	
Methylene chloride	ND	ug/kg	1880	100		01/18/08 12:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2350	100		01/18/08 12:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	470	100		01/18/08 12:53	1634-04-4	
Styrene	ND	ug/kg	470	100		01/18/08 12:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	470	100		01/18/08 12:53	79-34-5	
Tetrachloroethene	ND	ug/kg	470	100		01/18/08 12:53	127-18-4	
Toluene	ND	ug/kg	470	100		01/18/08 12:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	470	100		01/18/08 12:53	120-82-1	
1,1,1-Trichloroethane	192J	ug/kg	470	100		01/18/08 12:53	71-55-6	J
1,1,2-Trichloroethane	ND	ug/kg	470	100		01/18/08 12:53	79-00-5	
Trichloroethene	40700	ug/kg	2350	500		01/17/08 20:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	470	100		01/18/08 12:53	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	470	100		01/18/08 12:53	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0809(14-15) **Lab ID: 5011151011** Collected: 01/15/08 13:52 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	470	100		01/18/08 12:53	75-01-4	
Xylene (Total)	ND	ug/kg	941	100		01/18/08 12:53	1330-20-7	
Dibromofluoromethane (S)	97	%	82-130	100		01/18/08 12:53	1868-53-7	
Toluene-d8 (S)	95	%	81-120	100		01/18/08 12:53	2037-26-5	D4
4-Bromofluorobenzene (S)	96	%	65-117	100		01/18/08 12:53	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.1	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0808(14-15) Lab ID: 5011151012 Collected: 01/15/08 14:08 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	81.4	1		01/17/08 16:19	67-64-1	
Benzene	ND	ug/kg	4.1	1		01/17/08 16:19	71-43-2	
Bromodichloromethane	ND	ug/kg	4.1	1		01/17/08 16:19	75-27-4	
Bromoform	ND	ug/kg	4.1	1		01/17/08 16:19	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		01/17/08 16:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.4	1		01/17/08 16:19	78-93-3	
Carbon disulfide	ND	ug/kg	8.1	1		01/17/08 16:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		01/17/08 16:19	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		01/17/08 16:19	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	75-00-3	
Chloroform	ND	ug/kg	4.1	1		01/17/08 16:19	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		01/17/08 16:19	74-87-3	
Cyclohexane	ND	ug/kg	81.4	1		01/17/08 16:19	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		01/17/08 16:19	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		01/17/08 16:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		01/17/08 16:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		01/17/08 16:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		01/17/08 16:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		01/17/08 16:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		01/17/08 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		01/17/08 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		01/17/08 16:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		01/17/08 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		01/17/08 16:19	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		01/17/08 16:19	100-41-4	
2-Hexanone	ND	ug/kg	81.4	1		01/17/08 16:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		01/17/08 16:19	98-82-8	
Methyl acetate	ND	ug/kg	4.1	1		01/17/08 16:19	79-20-9	
Methylcyclohexane	ND	ug/kg	4.1	1		01/17/08 16:19	108-87-2	
Methylene chloride	ND	ug/kg	16.3	1		01/17/08 16:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.4	1		01/17/08 16:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		01/17/08 16:19	1634-04-4	
Styrene	ND	ug/kg	4.1	1		01/17/08 16:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		01/17/08 16:19	127-18-4	
Toluene	ND	ug/kg	4.1	1		01/17/08 16:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		01/17/08 16:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		01/17/08 16:19	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		01/17/08 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		01/17/08 16:19	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.1	1		01/17/08 16:19	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0808(14-15) Lab ID: 5011151012 Collected: 01/15/08 14:08 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.1	1		01/17/08 16:19	75-01-4	
Xylene (Total)	ND	ug/kg	8.1	1		01/17/08 16:19	1330-20-7	
Dibromofluoromethane (S)	96	%	82-130	1		01/17/08 16:19	1868-53-7	
Toluene-d8 (S)	107	%	81-120	1		01/17/08 16:19	2037-26-5	
4-Bromofluorobenzene (S)	77	%	65-117	1		01/17/08 16:19	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.8	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0807(14-15) Lab ID: 5011151013 Collected: 01/15/08 14:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	93.4	1		01/17/08 16:02	67-64-1	
Benzene	ND	ug/kg	4.7	1		01/17/08 16:02	71-43-2	
Bromodichloromethane	ND	ug/kg	4.7	1		01/17/08 16:02	75-27-4	
Bromoform	ND	ug/kg	4.7	1		01/17/08 16:02	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		01/17/08 16:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.4	1		01/17/08 16:02	78-93-3	
Carbon disulfide	ND	ug/kg	9.3	1		01/17/08 16:02	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		01/17/08 16:02	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		01/17/08 16:02	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	75-00-3	
Chloroform	ND	ug/kg	4.7	1		01/17/08 16:02	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		01/17/08 16:02	74-87-3	
Cyclohexane	ND	ug/kg	93.4	1		01/17/08 16:02	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		01/17/08 16:02	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		01/17/08 16:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		01/17/08 16:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		01/17/08 16:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		01/17/08 16:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		01/17/08 16:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		01/17/08 16:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		01/17/08 16:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		01/17/08 16:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		01/17/08 16:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		01/17/08 16:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		01/17/08 16:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		01/17/08 16:02	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		01/17/08 16:02	100-41-4	
2-Hexanone	ND	ug/kg	93.4	1		01/17/08 16:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		01/17/08 16:02	98-82-8	
Methyl acetate	ND	ug/kg	4.7	1		01/17/08 16:02	79-20-9	
Methylcyclohexane	ND	ug/kg	4.7	1		01/17/08 16:02	108-87-2	
Methylene chloride	ND	ug/kg	18.7	1		01/17/08 16:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.4	1		01/17/08 16:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		01/17/08 16:02	1634-04-4	
Styrene	ND	ug/kg	4.7	1		01/17/08 16:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		01/17/08 16:02	127-18-4	
Toluene	ND	ug/kg	4.7	1		01/17/08 16:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		01/17/08 16:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		01/17/08 16:02	79-00-5	
Trichloroethene	0.77J	ug/kg	4.7	1		01/17/08 16:02	79-01-6	J
Trichlorofluoromethane	ND	ug/kg	4.7	1		01/17/08 16:02	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.7	1		01/17/08 16:02	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0807(14-15)** Lab ID: **5011151013** Collected: 01/15/08 14:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	4.7	1		01/17/08 16:02	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		01/17/08 16:02	1330-20-7	
Dibromofluoromethane (S)	97	%	82-130	1		01/17/08 16:02	1868-53-7	
Toluene-d8 (S)	101	%	81-120	1		01/17/08 16:02	2037-26-5	
4-Bromofluorobenzene (S)	82	%	65-117	1		01/17/08 16:02	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	8.8	%	0.10	1		01/18/08 14:34		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0813(14-15) Lab ID: 5011151014 Collected: 01/15/08 15:00 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	84.7	1		01/17/08 16:40	67-64-1	
Benzene	ND	ug/kg	4.2	1		01/17/08 16:40	71-43-2	
Bromodichloromethane	ND	ug/kg	4.2	1		01/17/08 16:40	75-27-4	
Bromoform	ND	ug/kg	4.2	1		01/17/08 16:40	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		01/17/08 16:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.2	1		01/17/08 16:40	78-93-3	
Carbon disulfide	ND	ug/kg	8.5	1		01/17/08 16:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		01/17/08 16:40	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		01/17/08 16:40	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	75-00-3	
Chloroform	ND	ug/kg	4.2	1		01/17/08 16:40	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		01/17/08 16:40	74-87-3	
Cyclohexane	ND	ug/kg	84.7	1		01/17/08 16:40	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	1		01/17/08 16:40	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1		01/17/08 16:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		01/17/08 16:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 16:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 16:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		01/17/08 16:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		01/17/08 16:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		01/17/08 16:40	75-35-4	
cis-1,2-Dichloroethene	264	ug/kg	4.2	1		01/17/08 16:40	156-59-2	E
trans-1,2-Dichloroethene	9.5	ug/kg	4.2	1		01/17/08 16:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		01/17/08 16:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 16:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		01/17/08 16:40	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		01/17/08 16:40	100-41-4	
2-Hexanone	ND	ug/kg	84.7	1		01/17/08 16:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		01/17/08 16:40	98-82-8	
Methyl acetate	ND	ug/kg	4.2	1		01/17/08 16:40	79-20-9	
Methylcyclohexane	ND	ug/kg	4.2	1		01/17/08 16:40	108-87-2	
Methylene chloride	ND	ug/kg	16.9	1		01/17/08 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.2	1		01/17/08 16:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		01/17/08 16:40	1634-04-4	
Styrene	ND	ug/kg	4.2	1		01/17/08 16:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		01/17/08 16:40	127-18-4	
Toluene	ND	ug/kg	4.2	1		01/17/08 16:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		01/17/08 16:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		01/17/08 16:40	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		01/17/08 16:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		01/17/08 16:40	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	4.2	1		01/17/08 16:40	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **SB-0813(14-15)** Lab ID: **5011151014** Collected: 01/15/08 15:00 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	30.3	ug/kg	4.2	1		01/17/08 16:40	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		01/17/08 16:40	1330-20-7	
Dibromofluoromethane (S)	99 %		82-130	1		01/17/08 16:40	1868-53-7	
Toluene-d8 (S)	100 %		81-120	1		01/17/08 16:40	2037-26-5	
4-Bromofluorobenzene (S)	83 %		65-117	1		01/17/08 16:40	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.5	%	0.10	1		01/18/08 14:35		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0812(14-15) Lab ID: 5011151015 Collected: 01/15/08 15:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	74.7	1		01/17/08 16:56	67-64-1	
Benzene	ND	ug/kg	3.7	1		01/17/08 16:56	71-43-2	
Bromodichloromethane	ND	ug/kg	3.7	1		01/17/08 16:56	75-27-4	
Bromoform	ND	ug/kg	3.7	1		01/17/08 16:56	75-25-2	
Bromomethane	ND	ug/kg	3.7	1		01/17/08 16:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	18.7	1		01/17/08 16:56	78-93-3	
Carbon disulfide	ND	ug/kg	7.5	1		01/17/08 16:56	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.7	1		01/17/08 16:56	56-23-5	
Chlorobenzene	ND	ug/kg	3.7	1		01/17/08 16:56	108-90-7	
Chloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	75-00-3	
Chloroform	ND	ug/kg	3.7	1		01/17/08 16:56	67-66-3	
Chloromethane	ND	ug/kg	3.7	1		01/17/08 16:56	74-87-3	
Cyclohexane	ND	ug/kg	74.7	1		01/17/08 16:56	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.7	1		01/17/08 16:56	96-12-8	
Dibromochloromethane	ND	ug/kg	3.7	1		01/17/08 16:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.7	1		01/17/08 16:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.7	1		01/17/08 16:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.7	1		01/17/08 16:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.7	1		01/17/08 16:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.7	1		01/17/08 16:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	3.7	1		01/17/08 16:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.7	1		01/17/08 16:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.7	1		01/17/08 16:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.7	1		01/17/08 16:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.7	1		01/17/08 16:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.7	1		01/17/08 16:56	10061-02-6	
Ethylbenzene	ND	ug/kg	3.7	1		01/17/08 16:56	100-41-4	
2-Hexanone	ND	ug/kg	74.7	1		01/17/08 16:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.7	1		01/17/08 16:56	98-82-8	
Methyl acetate	ND	ug/kg	3.7	1		01/17/08 16:56	79-20-9	
Methylcyclohexane	ND	ug/kg	3.7	1		01/17/08 16:56	108-87-2	
Methylene chloride	ND	ug/kg	14.9	1		01/17/08 16:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	18.7	1		01/17/08 16:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.7	1		01/17/08 16:56	1634-04-4	
Styrene	ND	ug/kg	3.7	1		01/17/08 16:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	79-34-5	
Tetrachloroethene	ND	ug/kg	3.7	1		01/17/08 16:56	127-18-4	
Toluene	ND	ug/kg	3.7	1		01/17/08 16:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.7	1		01/17/08 16:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.7	1		01/17/08 16:56	79-00-5	
Trichloroethene	ND	ug/kg	3.7	1		01/17/08 16:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.7	1		01/17/08 16:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.7	1		01/17/08 16:56	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: SB-0812(14-15) **Lab ID: 5011151015** Collected: 01/15/08 15:25 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.7	1		01/17/08 16:56	75-01-4	
Xylene (Total)	ND	ug/kg	7.5	1		01/17/08 16:56	1330-20-7	
Dibromofluoromethane (S)	93	%	82-130	1		01/17/08 16:56	1868-53-7	
Toluene-d8 (S)	96	%	81-120	1		01/17/08 16:56	2037-26-5	
4-Bromofluorobenzene (S)	93	%	65-117	1		01/17/08 16:56	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	9.2	%	0.10	1		01/18/08 14:35		

ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **FD-1(011508) RW** Lab ID: **5011151016** Collected: 01/15/08 08:00 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	77.7	1		01/17/08 17:15	67-64-1	
Benzene	ND	ug/kg	3.9	1		01/17/08 17:15	71-43-2	
Bromodichloromethane	ND	ug/kg	3.9	1		01/17/08 17:15	75-27-4	
Bromoform	ND	ug/kg	3.9	1		01/17/08 17:15	75-25-2	
Bromomethane	ND	ug/kg	3.9	1		01/17/08 17:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	19.4	1		01/17/08 17:15	78-93-3	
Carbon disulfide	ND	ug/kg	7.8	1		01/17/08 17:15	75-15-0	
Carbon tetrachloride	ND	ug/kg	3.9	1		01/17/08 17:15	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1		01/17/08 17:15	108-90-7	
Chloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	75-00-3	
Chloroform	3.6J	ug/kg	3.9	1		01/17/08 17:15	67-66-3	J
Chloromethane	ND	ug/kg	3.9	1		01/17/08 17:15	74-87-3	
Cyclohexane	ND	ug/kg	77.7	1		01/17/08 17:15	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	1		01/17/08 17:15	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1		01/17/08 17:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1		01/17/08 17:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1		01/17/08 17:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1		01/17/08 17:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1		01/17/08 17:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	3.9	1		01/17/08 17:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	107-06-2	
1,1-Dichloroethene	1.9J	ug/kg	3.9	1		01/17/08 17:15	75-35-4	J
cis-1,2-Dichloroethene	14.2	ug/kg	3.9	1		01/17/08 17:15	156-59-2	
trans-1,2-Dichloroethene	2.8J	ug/kg	3.9	1		01/17/08 17:15	156-60-5	J
1,2-Dichloropropane	ND	ug/kg	3.9	1		01/17/08 17:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1		01/17/08 17:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1		01/17/08 17:15	10061-02-6	
Ethylbenzene	ND	ug/kg	3.9	1		01/17/08 17:15	100-41-4	
2-Hexanone	ND	ug/kg	77.7	1		01/17/08 17:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1		01/17/08 17:15	98-82-8	
Methyl acetate	ND	ug/kg	3.9	1		01/17/08 17:15	79-20-9	
Methylcyclohexane	ND	ug/kg	3.9	1		01/17/08 17:15	108-87-2	
Methylene chloride	ND	ug/kg	15.5	1		01/17/08 17:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	19.4	1		01/17/08 17:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1		01/17/08 17:15	1634-04-4	
Styrene	ND	ug/kg	3.9	1		01/17/08 17:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1		01/17/08 17:15	127-18-4	
Toluene	ND	ug/kg	3.9	1		01/17/08 17:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1		01/17/08 17:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1		01/17/08 17:15	79-00-5	
Trichloroethene	248	ug/kg	3.9	1		01/17/08 17:15	79-01-6	E
Trichlorofluoromethane	ND	ug/kg	3.9	1		01/17/08 17:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	3.9	1		01/17/08 17:15	76-13-1	

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ANALYTICAL RESULTS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

Sample: **FD-1(011508) RW** Lab ID: **5011151016** Collected: 01/15/08 08:00 Received: 01/16/08 08:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Vinyl chloride	ND	ug/kg	3.9	1		01/17/08 17:15	75-01-4	
Xylene (Total)	ND	ug/kg	7.8	1		01/17/08 17:15	1330-20-7	
Dibromofluoromethane (S)	97	%	82-130	1		01/17/08 17:15	1868-53-7	
Toluene-d8 (S)	95	%	81-120	1		01/17/08 17:15	2037-26-5	
4-Bromofluorobenzene (S)	90	%	65-117	1		01/17/08 17:15	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	10.6	%	0.10	1		01/18/08 14:35		

QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

QC Batch: MSV/6975

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5011151001, 5011151004, 5011151007, 5011151010, 5011151013, 5011151014, 5011151016

METHOD BLANK: 122906

Associated Lab Samples: 5011151001, 5011151004, 5011151007, 5011151010, 5011151011, 5011151013, 5011151014, 5011151016

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

METHOD BLANK: 122906

Associated Lab Samples: 5011151001, 5011151004, 5011151007, 5011151010, 5011151011, 5011151013, 5011151014, 5011151016

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	94	82-130	
Toluene-d8 (S)	%	96	81-120	

LABORATORY CONTROL SAMPLE: 122907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	47.0	94	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.6	95	68-130	
1,1,2-Trichloroethane	ug/kg	50	48.3	97	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	36.2	72	70-130	
1,1-Dichloroethane	ug/kg	50	47.0	94	68-128	
1,1-Dichloroethene	ug/kg	50	51.9	104	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	56.4	113	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	49.8	100	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	45.3	91	71-126	
1,2-Dichlorobenzene	ug/kg	50	49.7	99	72-128	
1,2-Dichloroethane	ug/kg	50	46.1	92	63-130	
1,2-Dichloropropane	ug/kg	50	48.3	97	73-124	
1,3-Dichlorobenzene	ug/kg	50	51.0	102	73-130	
1,4-Dichlorobenzene	ug/kg	50	51.5	103	71-125	
2-Butanone (MEK)	ug/kg	250	315	126	59-150	
2-Hexanone	ug/kg	250	293	117	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	188	75	54-146	
Acetone	ug/kg	250	503	201	41-150 L1	
Benzene	ug/kg	50	48.7	97	72-129	
Bromodichloromethane	ug/kg	50	43.9	88	71-128	
Bromoform	ug/kg	50	41.7	83	62-124	
Bromomethane	ug/kg	50	47.8	96	45-144	
Carbon disulfide	ug/kg	100	94.5	94	63-171	
Carbon tetrachloride	ug/kg	50	42.1	84	59-130	
Chlorobenzene	ug/kg	50	48.1	96	73-125	
Chloroethane	ug/kg	50	61.7	123	60-140	
Chloroform	ug/kg	50	46.1	92	67-127	
Chloromethane	ug/kg	50	43.4	87	38-141	
cis-1,2-Dichloroethene	ug/kg	50	51.9	104	76-132	
cis-1,3-Dichloropropene	ug/kg	50	38.4	77	61-114	
Cyclohexane	ug/kg	50	46.3J	93	65-133	
Dibromochloromethane	ug/kg	50	40.4	81	70-131	
Dichlorodifluoromethane	ug/kg	50	36.3	73	50-179	

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

LABORATORY CONTROL SAMPLE: 122907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	49.5	99	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	48.6	97	72-128	
Methyl acetate	ug/kg	50	55.7	111	50-150	
Methyl-tert-butyl ether	ug/kg	100	87.8	88	66-139	
Methylcyclohexane	ug/kg	50	47.4	95	50-150	
Methylene chloride	ug/kg	50	47.3	95	48-121	
Styrene	ug/kg	50	48.4	97	75-125	
Tetrachloroethene	ug/kg	50	51.2	102	55-123	
Toluene	ug/kg	50	47.0	94	75-127	
trans-1,2-Dichloroethene	ug/kg	50	54.0	108	71-131	
trans-1,3-Dichloropropene	ug/kg	50	36.8	74	62-114	
Trichloroethene	ug/kg	50	50.3	101	72-123	
Trichlorofluoromethane	ug/kg	50	42.7	85	62-150	
Vinyl chloride	ug/kg	50	42.4	85	54-136	
Xylene (Total)	ug/kg	150	148	98	70-130	
4-Bromofluorobenzene (S)	%			93	65-117	
Dibromofluoromethane (S)	%			98	82-130	
Toluene-d8 (S)	%			97	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122908 122909

Parameter	Units	5011151004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	4320	4320	3390	4460	79	103	50-122	27	20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4320	4320	3710	4590	86	106	50-157	21	20	
1,1,2-Trichloroethane	ug/kg	ND	4320	4320	3830	4840	89	112	50-144	23	20	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	4320	4320	2990	3670	69	85	50-150	21	20	
1,1-Dichloroethane	ug/kg	ND	4320	4320	3790	4790	88	111	53-121	23	20	
1,1-Dichloroethene	ug/kg	ND	4320	4320	4050	5300	94	123	44-146	27	20	
1,2,4-Trichlorobenzene	ug/kg	ND	4320	4320	3540	5150	82	119	50-110	37	20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4320	4320	2640	4040	61	94	50-133	42	20	
1,2-Dibromoethane (EDB)	ug/kg	ND	4320	4320	3510	4590	81	106	50-136	27	20	
1,2-Dichlorobenzene	ug/kg	ND	4320	4320	3440	4830	80	112	50-125	34	20	
1,2-Dichloroethane	ug/kg	ND	4320	4320	3800	4740	88	110	28-138	22	20	
1,2-Dichloropropane	ug/kg	ND	4320	4320	3860	4860	90	113	33-130	23	20	
1,3-Dichlorobenzene	ug/kg	ND	4320	4320	3350	4820	78	112	50-128	36	20	
1,4-Dichlorobenzene	ug/kg	ND	4320	4320	3390	4820	79	112	50-123	35	20	
2-Butanone (MEK)	ug/kg	ND	21500	21500	21100	24500	98	114	26-150	15	20	
2-Hexanone	ug/kg	ND	21500	21500	19300	23000	90	106	50-150	17	20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	21500	21500	15500	19100	72	88	36-149	21	20	
Acetone	ug/kg	ND	21500	21500	31000	33800	144	157	60-174	9	20	
Benzene	ug/kg	ND	4320	4320	3780	4860	88	113	31-138	25	20	
Bromodichloromethane	ug/kg	ND	4320	4320	3040	4010	70	93	25-130	27	20	
Bromoform	ug/kg	ND	4320	4320	2960	3580	69	83	50-129	19	20	
Bromomethane	ug/kg	ND	4320	4320	4020	4800	93	111	29-137	18	20	
Carbon disulfide	ug/kg	ND	8630	8630	7190	9300	83	108	42-167	26	20	
Carbon tetrachloride	ug/kg	ND	4320	4320	2900	3760	67	87	31-125	26	20	

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122908 122909											
Parameter	Units	5011151004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/kg	ND	4320	4320	3480	4750	81	110	50-138	31	20
Chloroethane	ug/kg	ND	4320	4320	5000	6240	116	145	59-133	22	20
Chloroform	ug/kg	ND	4320	4320	3680	4650	85	108	41-123	23	20
Chloromethane	ug/kg	ND	4320	4320	3280	4220	76	98	45-118	25	20
cis-1,2-Dichloroethene	ug/kg	ND	4320	4320	4180	5360	97	124	43-136	25	20
cis-1,3-Dichloropropene	ug/kg	ND	4320	4320	2750	3620	64	84	50-125	27	20
Cyclohexane	ug/kg	ND	4320	4320	3570J	4640J	83	107	51-122		20
Dibromochloromethane	ug/kg	ND	4320	4320	2800	3550	65	82	50-137	23	20
Dichlorodifluoromethane	ug/kg	ND	4320	4320	3240	4040	75	94	25-171	22	20
Ethylbenzene	ug/kg	ND	4320	4320	3480	4920	81	114	50-148	34	20
Isopropylbenzene (Cumene)	ug/kg	ND	4320	4320	3330	4770	77	111	50-139	36	20
Methyl acetate	ug/kg	ND	4320	4320	4900	6030	114	140	50-150	21	20
Methyl-tert-butyl ether	ug/kg	ND	8630	8630	7330	9060	85	105	31-158	21	20
Methylcyclohexane	ug/kg	ND	4320	4320	3650	4760	85	110	50-150	26	20
Methylene chloride	ug/kg	ND	4320	4320	4250	5040	87	105	36-113	17	20
Styrene	ug/kg	ND	4320	4320	3440	4730	80	110	50-133	32	20
Tetrachloroethene	ug/kg	ND	4320	4320	3620	5020	84	116	50-123	33	20
Toluene	ug/kg	ND	4320	4320	3510	4690	81	109	50-145	29	20
trans-1,2-Dichloroethene	ug/kg	ND	4320	4320	4190	5400	97	125	45-135	25	20
trans-1,3-Dichloropropene	ug/kg	ND	4320	4320	2610	3420	61	79	50-123	27	20
Trichloroethene	ug/kg	7270	4320	4320	10600	12300	77	116	50-138	15	20
Trichlorofluoromethane	ug/kg	ND	4320	4320	3440	4340	80	101	43-154	23	20
Vinyl chloride	ug/kg	ND	4320	4320	3540	4450	82	103	49-134	23	20
Xylene (Total)	ug/kg	ND	12900	12900	10500	14700	81	114	50-152	34	20
4-Bromofluorobenzene (S)	%						95	95	65-117		20
Dibromofluoromethane (S)	%						97	98	82-130		20
Toluene-d8 (S)	%						97	98	81-120		20 2d

QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

QC Batch:	MSV/6985	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	5011151002, 5011151003, 5011151005, 5011151006, 5011151008, 5011151009, 5011151012, 5011151015		

METHOD BLANK: 122969

Associated Lab Samples: 5011151002, 5011151003, 5011151005, 5011151006, 5011151008, 5011151009, 5011151012, 5011151015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

METHOD BLANK: 122969

Associated Lab Samples: 5011151002, 5011151003, 5011151005, 5011151006, 5011151008, 5011151009, 5011151012, 5011151015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	94	65-117	
Dibromofluoromethane (S)	%	96	82-130	
Toluene-d8 (S)	%	96	81-120	

LABORATORY CONTROL SAMPLE: 122970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	45.8	92	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	45.8	92	68-130	
1,1,2-Trichloroethane	ug/kg	50	50.9	102	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	36.0	72	70-130	
1,1-Dichloroethane	ug/kg	50	46.1	92	68-128	
1,1-Dichloroethene	ug/kg	50	51.8	104	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	53.9	108	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	38.8	78	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	46.5	93	71-126	
1,2-Dichlorobenzene	ug/kg	50	49.0	98	72-128	
1,2-Dichloroethane	ug/kg	50	44.4	89	63-130	
1,2-Dichloropropane	ug/kg	50	45.1	90	73-124	
1,3-Dichlorobenzene	ug/kg	50	50.9	102	73-130	
1,4-Dichlorobenzene	ug/kg	50	50.2	100	71-125	
2-Butanone (MEK)	ug/kg	250	317	127	59-150	
2-Hexanone	ug/kg	250	295	118	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	208	83	54-146	
Acetone	ug/kg	250	500	200	41-150 L1	
Benzene	ug/kg	50	47.1	94	72-129	
Bromodichloromethane	ug/kg	50	40.0	80	71-128	
Bromoform	ug/kg	50	38.2	76	62-124	
Bromomethane	ug/kg	50	54.7	109	45-144	
Carbon disulfide	ug/kg	100	118	118	63-171	
Carbon tetrachloride	ug/kg	50	40.3	81	59-130	
Chlorobenzene	ug/kg	50	48.0	96	73-125	
Chloroethane	ug/kg	50	55.5	111	60-140	
Chloroform	ug/kg	50	46.1	92	67-127	
Chloromethane	ug/kg	50	44.9	90	38-141	
cis-1,2-Dichloroethene	ug/kg	50	51.9	104	76-132	
cis-1,3-Dichloropropene	ug/kg	50	41.8	84	61-114	
Cyclohexane	ug/kg	50	44.6J	89	65-133	
Dibromochloromethane	ug/kg	50	38.8	78	70-131	
Dichlorodifluoromethane	ug/kg	50	35.9	72	50-179	

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

LABORATORY CONTROL SAMPLE: 122970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	48.7	97	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	49.5	99	72-128	
Methyl acetate	ug/kg	50	58.6	117	50-150	
Methyl-tert-butyl ether	ug/kg	100	88.2	88	66-139	
Methylcyclohexane	ug/kg	50	47.4	95	50-150	
Methylene chloride	ug/kg	50	46.8	94	48-121	
Styrene	ug/kg	50	48.3	97	75-125	
Tetrachloroethene	ug/kg	50	52.0	104	55-123	
Toluene	ug/kg	50	48.2	96	75-127	
trans-1,2-Dichloroethene	ug/kg	50	52.6	105	71-131	
trans-1,3-Dichloropropene	ug/kg	50	37.1	74	62-114	
Trichloroethene	ug/kg	50	49.1	98	72-123	
Trichlorofluoromethane	ug/kg	50	41.7	83	62-150	
Vinyl chloride	ug/kg	50	40.5	81	54-136	
Xylene (Total)	ug/kg	150	152	101	70-130	
4-Bromofluorobenzene (S)	%			95	65-117	
Dibromofluoromethane (S)	%			98	82-130	
Toluene-d8 (S)	%			99	81-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122971 122972

Parameter	Units	5011151015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	ND	44.9	37.1	25.4	29.1	57	79	50-122	14	20
1,1,2,2-Tetrachloroethane	ug/kg	ND	44.9	37.1	14.4	21.9	32	59	50-157	41	20
1,1,2-Trichloroethane	ug/kg	ND	44.9	37.1	18.6	25.4	41	68	50-144	31	20
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	44.9	37.1	24.6	27.2	55	73	50-150	10	20
1,1-Dichloroethane	ug/kg	ND	44.9	37.1	26.6	30.1	59	81	53-121	12	20
1,1-Dichloroethene	ug/kg	ND	44.9	37.1	34.2	37.6	76	101	44-146	9	20
1,2,4-Trichlorobenzene	ug/kg	ND	44.9	37.1	8.2	12.6	18	34	50-110	42	20
1,2-Dibromo-3-chloropropane	ug/kg	ND	44.9	37.1	7.5	15.3	17	41	50-133	69	20
1,2-Dibromoethane (EDB)	ug/kg	ND	44.9	37.1	11.6	18.9	26	51	50-136	48	20
1,2-Dichlorobenzene	ug/kg	ND	44.9	37.1	11.0	16.7	25	45	50-125	41	20
1,2-Dichloroethane	ug/kg	ND	44.9	37.1	20.0	25.8	44	70	28-138	26	20
1,2-Dichloropropane	ug/kg	ND	44.9	37.1	19.6	26.4	44	71	33-130	29	20
1,3-Dichlorobenzene	ug/kg	ND	44.9	37.1	12.0	17.7	27	48	50-128	38	20
1,4-Dichlorobenzene	ug/kg	ND	44.9	37.1	11.2	16.1	25	43	50-123	36	20
2-Butanone (MEK)	ug/kg	ND	225	185	217	237	96	128	26-150	9	20
2-Hexanone	ug/kg	ND	225	185	121	160	54	86	50-150	28	20
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	225	185	105	128	47	69	36-149	20	20
Acetone	ug/kg	ND	225	185	360	404	160	218	60-174	11	20
Benzene	ug/kg	ND	44.9	37.1	24.9	29.6	55	80	31-138	17	20
Bromodichloromethane	ug/kg	ND	44.9	37.1	13.3	18.4	29	50	25-130	32	20
Bromoform	ug/kg	ND	44.9	37.1	12.4	15.5	28	42	50-129	22	20
Bromomethane	ug/kg	ND	44.9	37.1	32.9	36.8	73	99	29-137	11	20
Carbon disulfide	ug/kg	ND	89.9	74.2	68.8	78.4	77	106	42-167	13	20
Carbon tetrachloride	ug/kg	ND	44.9	37.1	19.5	22.8	43	61	31-125	15	20

Date: 01/25/2008 11:36 AM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 122971 122972											
Parameter	Units	5011151015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/kg	ND	44.9	37.1	17.0	22.2	38	60	50-138	27	20
Chloroethane	ug/kg	ND	44.9	37.1	36.8	40.9	82	110	59-133	11	20
Chloroform	ug/kg	ND	44.9	37.1	23.5	27.9	52	75	41-123	17	20
Chloromethane	ug/kg	ND	44.9	37.1	29.9	32.4	66	87	45-118	8	20
cis-1,2-Dichloroethene	ug/kg	ND	44.9	37.1	25.8	31.5	57	85	43-136	20	20
cis-1,3-Dichloropropene	ug/kg	ND	44.9	37.1	12.1	17.9	27	48	50-125	38	20
Cyclohexane	ug/kg	ND	44.9	37.1	30.3J	33J	67	89	51-122		20
Dibromochloromethane	ug/kg	ND	44.9	37.1	11.2	15.3	25	41	50-137	31	20
Dichlorodifluoromethane	ug/kg	ND	44.9	37.1	27.5	28.7	61	78	25-171	4	20
Ethylbenzene	ug/kg	ND	44.9	37.1	20.5	24.7	46	67	50-148	18	20
Isopropylbenzene (Cumene)	ug/kg	ND	44.9	37.1	20.9	25.3	46	68	50-139	19	20
Methyl acetate	ug/kg	ND	44.9	37.1	43.3	42.9	96	116	50-150	1	20
Methyl-tert-butyl ether	ug/kg	ND	89.9	74.2	55.0	63.5	61	86	31-158	14	20
Methylcyclohexane	ug/kg	ND	44.9	37.1	31.2	34.3	69	92	50-150	9	20
Methylene chloride	ug/kg	ND	44.9	37.1	23.1	28.5	51	77	36-113	21	20
Styrene	ug/kg	ND	44.9	37.1	14.3	19.7	32	53	50-133	32	20
Tetrachloroethene	ug/kg	ND	44.9	37.1	25.2	29.2	56	79	50-123	14	20
Toluene	ug/kg	ND	44.9	37.1	21.6	26.4	48	71	50-145	20	20
trans-1,2-Dichloroethene	ug/kg	ND	44.9	37.1	28.9	34.1	64	92	45-135	16	20
trans-1,3-Dichloropropene	ug/kg	ND	44.9	37.1	8.8	13.8	20	37	50-123	44	20
Trichloroethene	ug/kg	ND	44.9	37.1	25.4	29.8	56	80	50-138	16	20
Trichlorofluoromethane	ug/kg	ND	44.9	37.1	29.6	32.2	66	87	43-154	9	20
Vinyl chloride	ug/kg	ND	44.9	37.1	28.8	30.8	64	83	49-134	7	20
Xylene (Total)	ug/kg	ND	135	111	59.0	73.1	44	66	50-152	21	20
4-Bromofluorobenzene (S)	%						96	95	65-117		20
Dibromofluoromethane (S)	%						98	99	82-130		20
Toluene-d8 (S)	%						96	97	81-120		20 2d,3d

QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

QC Batch:	PMST/2150	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	5011151001, 5011151002, 5011151003, 5011151004, 5011151005, 5011151006, 5011151007, 5011151008, 5011151009, 5011151010, 5011151011, 5011151012, 5011151013, 5011151014		

SAMPLE DUPLICATE: 123161

Parameter	Units	5011164006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	19.5	8	5	R1

SAMPLE DUPLICATE: 123163

Parameter	Units	5011151014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.5	9.7	3	5	

QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

QC Batch: PMST/2151

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 5011151015, 5011151016

SAMPLE DUPLICATE: 123165

Parameter	Units	5011151015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	10.1	10	5	R1

QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

QC Batch: MSV/6997

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5011151011

METHOD BLANK: 123662

Associated Lab Samples: 5011151011

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Hexanone	ug/kg	ND	100	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Cyclohexane	ug/kg	ND	100	
Dibromochloromethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl acetate	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylcyclohexane	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
Styrene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

METHOD BLANK: 123662

Associated Lab Samples: 5011151011

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	95	65-117	
Dibromofluoromethane (S)	%	98	82-130	
Toluene-d8 (S)	%	96	81-120	

LABORATORY CONTROL SAMPLE: 123663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	50	48.6	97	67-129	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.3	97	68-130	
1,1,2-Trichloroethane	ug/kg	50	50.7	101	72-129	
1,1,2-Trichlorotrifluoroethane	ug/kg	50	37.5	75	70-130	
1,1-Dichloroethane	ug/kg	50	48.4	97	68-128	
1,1-Dichloroethene	ug/kg	50	53.2	106	65-138	
1,2,4-Trichlorobenzene	ug/kg	50	56.6	113	59-132	
1,2-Dibromo-3-chloropropane	ug/kg	50	48.9	98	59-133	
1,2-Dibromoethane (EDB)	ug/kg	50	47.9	96	71-126	
1,2-Dichlorobenzene	ug/kg	50	49.9	100	72-128	
1,2-Dichloroethane	ug/kg	50	48.6	97	63-130	
1,2-Dichloropropane	ug/kg	50	49.7	99	73-124	
1,3-Dichlorobenzene	ug/kg	50	51.0	102	73-130	
1,4-Dichlorobenzene	ug/kg	50	51.6	103	71-125	
2-Butanone (MEK)	ug/kg	250	289	115	59-150	
2-Hexanone	ug/kg	250	267	107	46-150	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	201	81	54-146	
Acetone	ug/kg	250	425	170	41-150 L1	
Benzene	ug/kg	50	49.7	99	72-129	
Bromodichloromethane	ug/kg	50	45.4	91	71-128	
Bromoform	ug/kg	50	42.8	86	62-124	
Bromomethane	ug/kg	50	48.2	96	45-144	
Carbon disulfide	ug/kg	100	96.3	96	63-171	
Carbon tetrachloride	ug/kg	50	44.4	89	59-130	
Chlorobenzene	ug/kg	50	48.9	98	73-125	
Chloroethane	ug/kg	50	62.1	124	60-140	
Chloroform	ug/kg	50	48.5	97	67-127	
Chloromethane	ug/kg	50	38.5	77	38-141	
cis-1,2-Dichloroethene	ug/kg	50	54.2	108	76-132	
cis-1,3-Dichloropropene	ug/kg	50	39.0	78	61-114	
Cyclohexane	ug/kg	50	46.8J	94	65-133	
Dibromochloromethane	ug/kg	50	42.6	85	70-131	
Dichlorodifluoromethane	ug/kg	50	36.1	72	50-179	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

LABORATORY CONTROL SAMPLE: 123663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/kg	50	50.1	100	77-131	
Isopropylbenzene (Cumene)	ug/kg	50	49.9	100	72-128	
Methyl acetate	ug/kg	50	59.9	120	50-150	
Methyl-tert-butyl ether	ug/kg	100	94.1	94	66-139	
Methylcyclohexane	ug/kg	50	48.6	97	50-150	
Methylene chloride	ug/kg	50	50.4	101	48-121	
Styrene	ug/kg	50	49.1	98	75-125	
Tetrachloroethene	ug/kg	50	51.6	103	55-123	
Toluene	ug/kg	50	47.7	95	75-127	
trans-1,2-Dichloroethene	ug/kg	50	56.0	112	71-131	
trans-1,3-Dichloropropene	ug/kg	50	38.2	76	62-114	
Trichloroethene	ug/kg	50	51.4	103	72-123	
Trichlorofluoromethane	ug/kg	50	44.3	89	62-150	
Vinyl chloride	ug/kg	50	42.9	86	54-136	
Xylene (Total)	ug/kg	150	152	101	70-130	
4-Bromofluorobenzene (S)	%			94	65-117	
Dibromofluoromethane (S)	%			98	82-130	
Toluene-d8 (S)	%			96	81-120	

QUALIFIERS

Project: Kokomo/ IN743.2.2

Pace Project No.: 5011151

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1d	Lower dilution not possible.
2d	Several compounds are outside recovery and RPD limits, use batch qc for control purposes. TC 01-18-08
3d	Several compounds are outside recovery limits, use batch qc for control purposes. TC 01-18-08
D4	Sample was diluted due to the presence of high levels of target analytes.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
J	Analyte detected below reporting limit, therefore result is an estimate.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
R1	RPD value was outside control limits.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company:	ALCANTARA	Report To:	MARK FESWICKER
Address:	251 E. OHIO ST.	Copy To:	SACAMFENSE
	STE. 800	Invoice To:	TERRY SMOLEY
	INDIANAPOLIS, IN 46204	P.O.:	IN 743.2.2
Phone:	317-231-6500	Project Name:	KOKOMO
Fax:	317-231-6514	Project Number:	IN 743.2.2
E-mail:	MARK.FESWICKER@ALCANTARA.COM		

PAGE 1 OF 2

Laboratory:	FACE
Laboratory Location:	INDIANAPOLIS, IN
Laboratory Contact:	DONNA SPYKER
Requested Due Date:	TAT: STD
QA/QC Requirements:	LEVEL IV

ID # NO 04377

SSOW Ref. Code: E020006

Analysis and Method

501151/152

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative					Other	Remarks: Lab ID
						Unpreserved	HCl	H2SO4	HNO3	NaOH		
1. SB-0806 (14-15)		50	1-15-08	10:15	4	X					X	001
2. SB-0805 (14-15)				10:45	4	X					X	002
3. SB-0804 (14-15)				11:10	4	X					X	003
4. SB-0803 (8-10)				11:25	4	X					X	004
5. SB-0802 (14-15)				12:20	4	X					X	005
6. SB-0801 (14-15)				11:55	4	X					X	006
7. SB-0814 (8-10)				14:40	4	X					X	007
8. SB-0814 (14-15)				14:43	4	X					X	008
9. SB-0811 (14-15)				13:15	4	X					X	009
10. SB-0810 (14-15)				13:33	4	X					X	010
11. SB-0809 (14-15)				13:52	4	X					X	011
12. SB-0808 (14-15)				14:08	4	X					X	012
13. SB-0807 (14-15)				14:25	4	X					X	013
14. SB-0813 (14-15)				15:00	4	X					X	014
15. SB-0812 (14-15)				15:25	4	X					X	MS/MS 015
TOTAL NUMBER OF CONTAINERS						68	68 of 72					

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		ALCANTARA / FACE	1-16-08	8:00	ALCANTARA / FACE	1-16-08	8:00
AIRBILL NO.							

Sample Condition

Temp in C	1
Received on Ice	0 N
Sealed Cooler	0 N
Samples Intact	0 N

Additional Comments:

72/72 ok Terra Cores

Sampler Name: RANDY WOODRUFF

Sampler Signature: [Signature]

Date: 1-16-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sample Copy

REV 11/6/04



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

Required Client Information:

Company:	ALCANTARA	Report To:	MARK FESWICKELER
Address:	251 E. Ohio St, Ste 800	Copy To:	SARAH FISHER
	INDIANAPOLIS, IN 46204	Invoice To:	TERRY SMILBY
Phone:	317-231-6500	P.O.:	IN 743, 2.2
Fax:	317-231-6514	Project Name:	Kokomo
E-mail:	MARK.FESWICKELER@ALCANTARA-US.COM	Project Number:	EN743-2.2

Laboratory:	PAGE
Laboratory Location:	INDIANAPOLIS, IN
Laboratory Contact:	DUNN SPYKER
Requested Due Date:	TAT: 5 BND.
QA/QC Requirements:	LEVEL IV

ID# N° 04378

SSOW Ref. Code: E020006

Analysis and Method

501151/152

Sample Identification:	FD-1(011508)RW	Matrix Code	SD	Date Collected	1-15-08	Time Collected	—	# Containers	4	Unpreserved	EC	H2SO4	HNO3	NaOH	Other	Remarks/Lab ID	
1.																	016
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	
11.																	
12.																	
13.																	
14.																	
15.																	

TOTAL NUMBER OF CONTAINERS 4 72 OF 72

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
		ALCANTARA / ALCANTARA	1-16-08	8:00	WYKOP / PAGE	1-16-08	8:00
AIRBILL NO.							

Temp in C	1
Received on Ice	Y
Sealed Cooler	Y
Samples Intact	Y

Sample Condition	
Additional Comments:	
Sampler Name	PANDY WOODS
Sampler Signature	[Signature]
Date:	1-16-08



Sample Condition Upon Receipt

Client Name: Alreadis

Project # 5011151

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used 2034

Type of Ice: Wet Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 7°C

Biological Tissue is Frozen: Yes ☒ No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: BA 1-16-08

Chain of Custody Present:	☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☒ Yes ☐ No ☐ N/A	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☒ Yes ☐ No ☐ N/A	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume:	☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☒ Yes ☐ No ☐ N/A	
Containers Intact:	☒ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11.
Sample Labels match COC:	☒ Yes ☐ No ☐ N/A	12.
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	☐ Yes ☐ No ☒ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☐ N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
Headspace in VOA Vials (>6mm):	☐ Yes ☐ No ☒ N/A	15.
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	16.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Appendix C

Selection of Borings for UCL of TCE
Concentrations

