

**PHASE II ENVIRONMENTAL SITE
ASSESSMENT**

**LINCOLN CITI CENTER PROJECT
MASSILLON, OHIO**

Prepared for

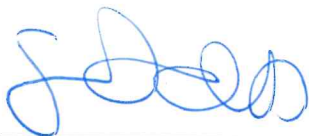
**CITY OF MASSILLON
ONE JAMES DUNCAN PLAZA
MASSILLON, OHIO 44646**

Prepared by

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PSI PROJECT NO. 137-0E013

February 23, 2000



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1.0 EXECUTIVE SUMMARY

PSI conducted a Phase II Environmental Site Assessment at the Agathon Field and adjacent properties located in Massillon, Ohio. The assessment was performed in general accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1903-97 and the contract between PSI and the City of Massillon. Any exceptions or deletions from the scope of work are described in Section 2.4 of this report.

The subject area consists of an approximately 7-acre parcel, improved with a baseball diamond, one-story bowling alley, asphalt-paved parking areas and numerous commercial businesses, and residential homes.

Visual observation of soils from all the boring locations indicated the presence of moist to wet dark brown clay, silt and sand with occasional zones of fill. Groundwater was encountered at depths ranging from 7 to 20 feet below existing grade.

Analytical results of groundwater samples did not reveal the presence of contamination. Analytical results of the soil samples from boring locations SB-1, SB-3, SB-4, SB-5, and SB-6 did reveal the presence of several organic parameters. Such parameters can be consistent with petroleum based fill material such as asphalt. Fill material was observed at these locations and appeared to consist of varying proportions of brick, asphalt, and sand.

The nature and extent of this fill is unknown. While laboratory analysis of asphaltic fill can yield elevated levels of certain chemical constituents, such constituents do not necessarily represent a hazardous condition. The analytical results do not exceed those concentrations in the Ohio Voluntary Action Plan under the Commercial Land Use Category. PSI does not recommend further investigation at the subject site.

2.0 INTRODUCTION

PSI conducted a Phase II Environmental Site Assessment at the Agathon Field and adjacent properties located in Massillon, Ohio. The assessment was performed in general accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1903-97 and the contract between PSI and the City of Massillon. This report documents the field investigation activities, laboratory analyses, and evaluation of data relative to the current site conditions investigated.

Authorization to perform the assessment was given by a signed copy of PSI proposal No. 137-009-00 between the City of Massillon and PSI, dated January 20, 2000.

The scope of this Phase II Environmental Site Assessment was intended to address the presence or absence of potential soil and groundwater impact at the site. The assessment included collection of soil and groundwater samples and laboratory analysis of soil and groundwater samples for the presence of volatile organic constituents, semi-volatile organic constituents, and total petroleum hydrocarbons.

The subject area is bordered by Cherry Street, Erie Street, 1st Street and 3rd Street NW in Massillon, Ohio. The site is specifically located in Township 10 North, Range 9 West, Stark County, Ohio, as referenced on the 1961 "Massillon, Ohio" United States Geological Survey (USGS) quadrangle map. Figure 1 illustrates the general location of the subject site.

According to the topographic map, the property is located approximately 930 feet above mean sea level. The contour lines in the area of the property indicate the area gently slopes downward to the west. The ballfield itself is located in a topographic depression with an approximate elevation of 925 feet above mean sea level.

Based on the existing topography and the depth to which groundwater was encountered, groundwater appears to exist at approximately 920 to 915 feet above mean sea level.

The entire area is slated for re-development with demolition of the existing structures. A Phase I report prepared by URS Consultants and dated September 14, 1994, revealed that the Agathon Field was an area of concern. This field was previously owned by the Central Alloy Steel Corporation and the Republic Steel Corporation in the 1930's. The URS report did not indicate that either entity occupied the land or if industrial activities occurred on the land. The report did indicate that the field may have been used for recreational use since the 1920's.

3.0 ASSESSMENT ACTIVITIES

Field investigation and sampling activities were conducted on January 26, 2000 under the supervision of Mr. Craig A. Lass, Project Manager for PSI. Prior to the commencement of assessment activities, Ohio Utilities Protection Service (OUPS), a utility locating service, was contacted to locate all utilities on or adjacent to the subject site. Underground utilities were marked by the respective utility companies where they entered or were located adjacent to the subject site.

The investigation included the advancement of seven soil borings using a Geoprobe® direct push-sampling device. The locations of borings are shown on Figure 2. These seven borings ranged in depth from 12 feet to 20 feet below grade. Borings were terminated where appreciable groundwater and/or sandy conditions were encountered.

The GeoProbe sampling system consists of a 48-inch long sample collection tube attached by hollow rods. Samples were collected using a 2-inch diameter disposable, dedicated acetate liner. The GeoProbe equipment is decontaminated between applications by scrubbing in a detergent and potable water solution and rinsing in potable water. Soil samples were collected from each boring and submitted for laboratory analysis.

The PSI field geologist visually examined the soil cores from each soil boring for lithology and evidence of staining in the field. Soil screening was also conducted using an HNu Systems, Inc. Model PI 101 portable photoionization detector (PID). The PID was equipped with a 10.2 electron volt (eV) lamp that provides the sensitivity necessary to ionize the petroleum-based compounds. The PID was calibrated with 100-ppm isobutylene span gas.

Soil samples were screened with the PID using the headspace method. The headspace method was conducted by placing the sample in a polyethylene bag and allowing the soil material to warm to ambient air temperature. The tip of the PID probe was then inserted in a small opening in the bag. The organic compound concentration in the air above the soil sample, or headspace, was then analyzed using the PID. PID screening results were recorded at the corresponding depth interval on the soil boring log. The PID readings and soil sampling intervals were recorded on the soil boring logs included in Appendix A. The soil sampling field results and PID readings are presented in Table 1.

One soil sample from each soil boring with the highest field screening result was submitted for laboratory analysis. In borings where elevated readings were not detected, one sample was submitted to the analytical laboratory for analyses based upon visual observations.

Groundwater samples were collected from the soil borings by constructing temporary mini-wells in these soil borings. The mini-wells were constructed of 1.5-inch diameter Teflon casing which was slotted in the lower 2-feet of the casing. Polyethylene tubing was then placed inside the casing and groundwater was removed from the boring using a peristaltic pump until the majority of suspended sediment was removed. The groundwater samples were collected in containers provided and prepared by the contract laboratory.

Collection of ground water samples was attempted from all seven Geoprobe® soil borings. Soil borings SB-1, SB-5, and SB-6 did not yield appreciable amounts of water however and therefore, water samples were not collected except for the volatile organic samples from SB-1.

All samples were submitted to Pace Analytical, Inc., located in Minneapolis, Minnesota under chain-of-custody documentation by Federal Express over-night delivery for analysis. All samples were analyzed for volatile organics by EPA Method 8260, total petroleum hydrocarbons (TPH) by EPA Method 1664 and semi-volatile organics by EPA Method 8270. A complete copy of the laboratory analytical report is provided in Appendix B.

4.0 DATA ANALYSIS & INTERPRETATION

The results of the laboratory analyses are presented in Table 2.

Analytical results of groundwater samples did not reveal the presence of contamination. Analytical results of the soil samples from boring locations SB-1, SB-3, SB-4, SB-5, and SB-6 did reveal the presence of several organic parameters. Such values are consistent with the presence of petroleum fractions which might be encountered in asphalt fill or other hydrocarbon based constituents. At these five locations, visual observation revealed the presence of varying proportions of brick, asphalt, and sand fill.

SB-1 is located at the southwestern area of the site and is near the terminal end of 3rd Street NW, an area within the URS report designated as an area of concern. SB-3 and SB-4 are located within the ballfield. The presence of sandy fill in the upper portions of the strata could represent the origin of the contaminants detected. The URS report noted that the ballfield has been present as early as the 1920's.

SB-5 and SB-6 are located adjacent to a sign fabrication facility and a radiator repair shop. Given the historical use of this area as light industrial purposes, the potential for contamination exists.

5.0 CONCLUSIONS AND RECOMMENDATIONS

PSI has performed a Phase II Environmental Site Assessment of the subject site in general conformance with the scope and limitations of the ASTM Standard E 1903-97 guide and PSI Proposal No. 137-009-00 PSI at the Agathon Ballfield and adjacent properties located in Massillon, Ohio. Any exceptions to or deletions from the work scope are discussed earlier in this report.

Analytical results of the water samples indicated that all chemical constituents tested were below detection levels.

Analytical results of the soil samples from boring locations SB-1, SB-3, SB-4, SB-5, and SB-6 did reveal the presence of several volatile organic parameters. Such values are consistent with the presence of petroleum fractions which might be encountered in asphalt fill. At these locations, visual observation revealed the presence of limited amounts of fill. No evidence of hazardous substances was detected within the site. The nature and extent of fill at the site appears limited however.

While laboratory analysis of asphalt can yield elevated levels of certain chemical constituents, such constituents do not necessarily represent a hazardous condition. Furthermore, these concentrations do not exceed values established under the Ohio EPA Voluntary Action Plan. Thus, PSI does not recommend further investigation at the subject site.

6.0 WARRANTY

PSI warrants that the findings and conclusions reported herein were conducted in general accordance with ASTM Standard E 1903-97 protocol. These methodologies are described by the standard guide as representing good commercial and customary practice for conducting a Phase II Environmental Site Assessment of a parcel of property for the purpose of evaluating recognized environmental conditions. However, these findings and conclusions contain all of the limitations inherent in these methodologies which are referred to in the standard guide and some of which are more specifically set forth below.

The Phase II Environmental Site Assessment has been developed to provide the client with information regarding apparent indications of recognized environmental conditions relating to the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the work. The assessment and conclusions presented herein were based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. The description, type, and composition of what are commonly referred to as "hazardous materials or conditions" can also change over time. PSI does not accept responsibility for changes in the state of the art, nor for changes in the scope of various lists of hazardous materials or conditions. PSI believes that the findings and conclusions provided in this report are reasonable. However, no other warranties are implied or expressed.

Use by third parties

This report was prepared pursuant to the contract PSI has with the City of Massillon. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than the City of Massillon, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

TABLE NO.1

Summary of Soil Laboratory Results
Lincoln Citi Center
Massillon, Ohio

Soil Sample Number Depth	Total Petroleum Hydrocarbons (ppm)	Volatiles (ppb)		Semi- Volatiles (ppb)	
SB-1 (8'-10')	ND	ND		Phenanthrene	440
				Fluoranthene	550
				Pyrene	550
SB-2 (10'-12')	ND	ND		ND	
SB-3 (10'-12')	ND	ND		bis(2-Ethylhexyl)phthalate	530
SB-4 (2'-4')	ND	Toluene	490	Fluoroanthene	53000
		Napthalene	480	Acenaphthene	890
		O-Xylene (1,2-Dimethylbenzene)	400	Naphthalene	650
				2-Methylnaphthalene	880
				Dibenzofuran	430
				Fluorene	760
				Phenanthrene	39,000
				Anthracene	2,100
				Pyrene	43,000
				Benzo(a)anthracene	30,000
				Chrysene	29000
				Benzo(b)fluoranthene	43,000
				Benzo(k)fluoranthene	16000
				Benzo(a)pyrene	31,000
				Indeno (1,2,3-cd)pyrene	2000
				Dibenz(a,h)anthracene	540
				Benzo(g,h,i) perylene	1600

ppm = parts per million

ppb = parts per billion

ND = Not detected

TABLE NO.1, continued

Summary of Soil Laboratory Results
Lincoln Citi Center
Massillon, Ohio

Soil Sample Number Depth	Total Petroleum Hydrocarbons (ppm)	Volatiles (ppb)	Semi- Volatiles (ppb)	
SB-5 (6'-8')	2,580	ND	Phenanthrene	2,400
			Fluoranthene	2,100
			Chrysene	2,400
SB-6 (16'-18')	ND	ND	Acenaphthene	770
			Dibenzofuran	500
			Fluorene	1,000
			Phenanthrene	1,200
			Anthracene	1,700
			Fluoranthene	6,400
			Pyrene	4,900
			Benzo(a)anthracene	2,700
			Chrysene	2,600
			bis(2-Ethylhexyl)phthalate	1,000
			Benzo(b)fluoranthene	3,100
			Benzo(k)fluoranthene	1,400
			Benzo(a)pyrene	2,500
			Indeno(1,2,3-cd)pyrene	790
			Benzo(g,h,i)perylene	630
SB-7 (14'-16')	ND	ND	ND	

ppm = parts per million

ppb = parts per billion

ND = Not detected

TABLE 2

**Soil Sample Field Screening
Lincoln Citi Center
Massillon, Ohio**

Soil Boring Number	Depth (Recorded in feet bgs)	Stain/Odor	PID Reading (ppm)
SB-1	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	ND
	6.0-8.0	no/no	ND
	8.0-10.0	no/no	2
	10.0-12.0	no/no	ND
	12.0-14.0	no/no	ND
	14.0-16.0	no/no	ND
	16.0-18.0	no/no	ND
	18.0-20.0	no/no	ND
SB-2	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	ND
	6.0-8.0	no/no	ND
	8.0-10.0	no/no	ND
	10.0-12.0	no/no	ND
SB-3	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	ND
	6.0-8.0	no/no	ND
	8.0-10.0	no/no	ND
	10.0-12.0	no/no	ND
SB-4	0.0-2.0	no/no	ND
	2.0-4.0	no/no	6
	4.0-6.0	sample not recovered	
	6.0-8.0	sample not recovered	
	8.0-10.0	sample not recovered	
	10.0-12.0	no/no	ND

ND = None Detected
ppm = parts per million

TABLE 2, continued
Soil Sample Field Screening
Lincoln Citi Center
Massillon, Ohio

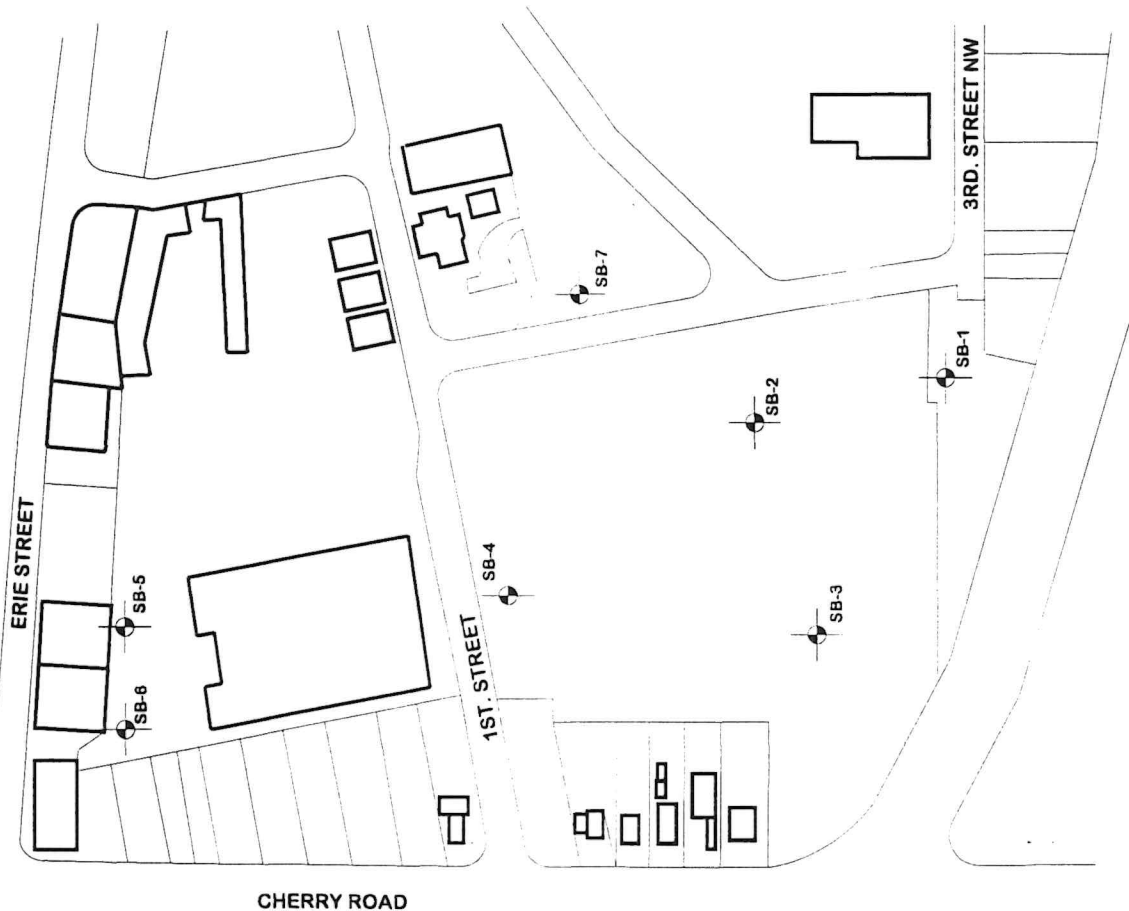
SB-5	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	ND
	6.0-8.0	no/no	8
	8.0-10.0	no/no	ND
	10.0-12.0	no/no	ND
SB-6	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	ND
	6.0-8.0	no/no	ND
	8.0-10.0	no/no	ND
	10.0-12.0	no/no	ND
	12.0-14.0	no/no	ND
	14.0-16.0	no/no	ND
	16.0-18.0	no/no	4
	18.0-20.0	no/no	ND
SB-7	0.0-2.0	no/no	ND
	2.0-4.0	no/no	ND
	4.0-6.0	no/no	8
	6.0-8.0	no/no	ND
	8.0-10.0	no/no	ND
	10.0-12.0	no/no	ND
	12.0-14.0	no/no	ND
	14.0-16.0	no/no	ND
	16.0-18.0	no/no	4
	18.0-20.0	no/no	ND

ND = None Detected
ppm = parts per million

FIGURES

FIGURE 1 – SAMPLING LOCATION MAP

SCALE: 1"=150'



LEGEND



BORING LOCATION

[psi] Information
To Build On
Engineering • Consulting • Testing
5555 Canal Road
Cleveland, OH 44125

LINCOLN CITI CENTER

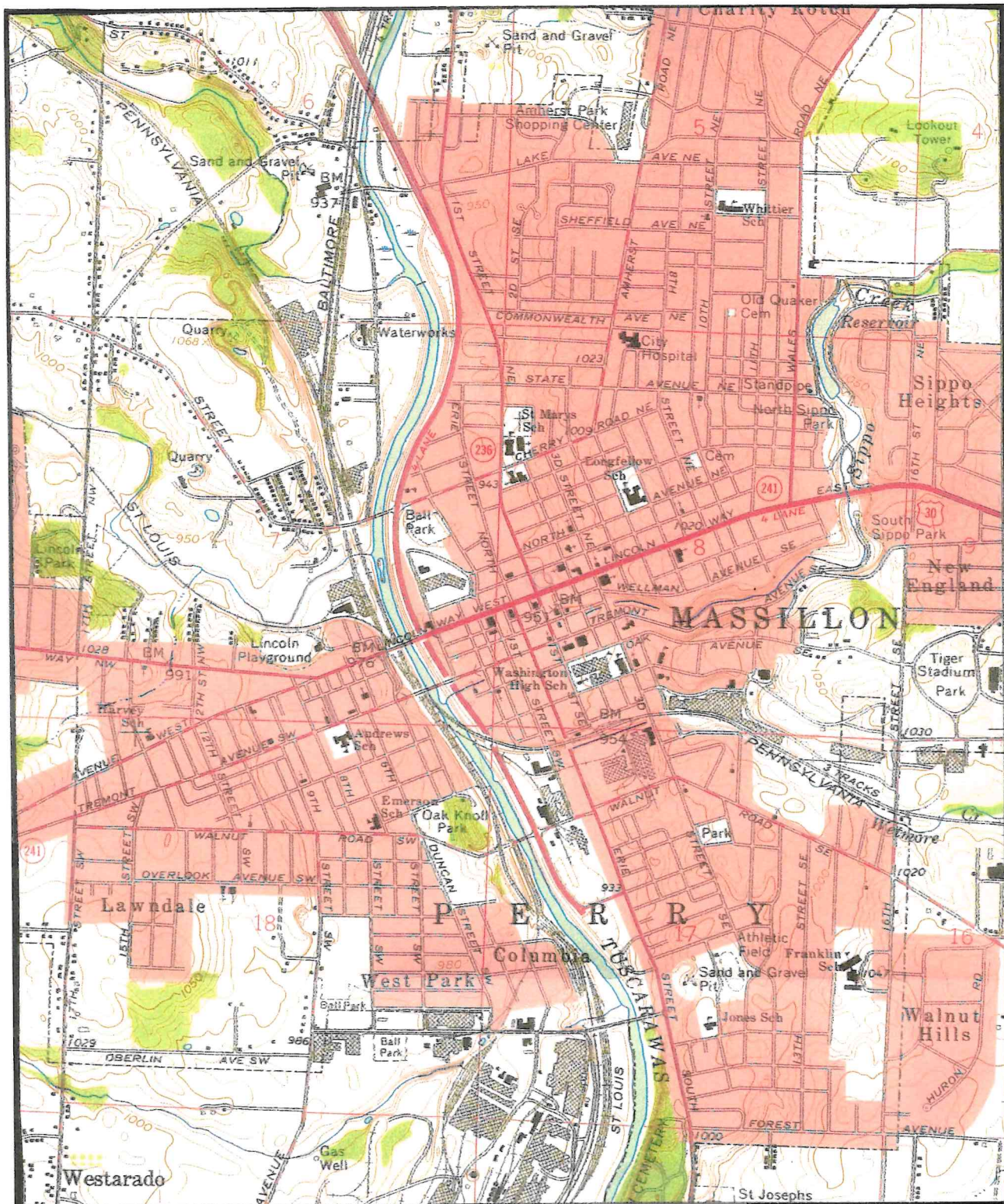
SOIL BORING LAYOUT

DATE: 1/10/2000

DRAWN BY: A. SOLDEVILA

PROJECT #: 137-DE013
DRAWING #: 01

FIGURE 2 – SITE LOCATION MAP



PROJECT NAME

LINCOLN CITI CENTER
MASSILLON, OHIO

TOPOGRAPHIC MAP

Massillon, Ohio 1961

PROJECT NO.

137-0E013

DATE

FEBRUARY 14, 2000

APPENDICES

APPENDIX A – SOIL BORING LOGS

SOIL BORING LOG

BORING NO: SB-1

SHEET 1 OF 1

DATE: 1/26/99

PROJECT NAME: Lincoln Citi Center

PROJECT NO: 137-0E013

BORING LOCATION PLAN:

Refer to Site Map
Figure 2

DRILLING CO: Terra Probe

DRILL CREW: Steve Oberle

DRILLING METHOD: GeoProbe

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

1/26/00

20 feet

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID ☐ PID ☒ (PPM)	USCS	REMARKS
0						
2	1		top Soil	nd		
4	2		dark brown sand and gravel, fill	nd		
6	3		dark brown sandy clay	nd		
8	4		dark brown sandy clay and silt	nd		
10	5		dark brown sandy clay and silt	2		soil sample submitted for laboratory analysis
12	6		dark brown sily clay	nd		
14	7		dark brown sandy clay	nd		
16	8		dark brown sandy clay	nd		
18	9		dark brown sandy clay	nd		
20	10		black sandy clay, wet	nd		
						nd= non-detect

PREPARED BY: C. Lass

BORING NO:	SB-2		
SHEET	1	OF	1

SHEET 1 OF 1

PROJECT NO: 137-0E013

9 feet

PREPARED BY: C. Lass

BORING NO SB-3			
SHEET	1	OF	1

SHEET 1 OF 1

PROJECT NO: 137-0E013

Refer to Site Map
Figure 2

DRILLING METHOD: GeoProbe

8 feet

nd= non-detect

C. Lass

BORING NO: SB-4			
SHEET	1	OF	1

SHEET 1 OF 1

PROJECT NO: 137-0E013

Refer to Site Map
Figure 2

DRILLING METHOD: GeoProbe

GROUNDWATER LEVELS

DEPTH BLS

11

nd= non-detect

PREPARED BY: C. Lass

[illegible]

SOIL BORING LOG

BORING NO: SB-6

SHEET 1 OF 1

DATE: 1/26/99

PROJECT NAME: Lincoln Citi Center

PROJECT NO: 137-0E013

BORING LOCATION PLAN:

Refer to Site Map
Figure 2

DRILLING CO: Terra Probe

DRILL CREW: Steve Oberle

DRILLING METHOD: GeoProbe

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

1/26/00

18 feet

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID ☐ PID ☒ (PPM)	USCS	REMARKS
0						
2	1		asphalt, brick fill, with sandy clay	nd		
4	2		brown sandy clay, some asphalt and brick	nd		
6	3		dark brown silty clay	nd		
8	4		brown sandy clay	nd		
10	5		dark brown sandy silt, wet	nd		
12	6		light brown clay	nd		
14			yellow-brown clay, some sand	nd		
16			gray sandy clay	nd		
18			brownish black sandy clay	4		soil sample submitted for laboratory analysis
20			black sandy clay	nd		

nd= non-detect

PREPARED BY: C. Lass

SOIL BORING LOG

BORING NO: SB-7

SHEET 1 OF 1

DATE: 1/26/99

PROJECT NAME: Lincoln Citi Center

PROJECT NO: 137-0E013

BORING LOCATION PLAN:

Refer to Site Map
Figure 2

DRILLING CO: Terra Probe

DRILL CREW: Steve Oberle

DRILLING METHOD: GeoProbe

GROUNDWATER LEVELS

DATE

ACTUAL TIME

DEPTH BLS

1/26/00

> 16

DEPTH	SAMPLE NO.	PEN. RATE/ BLOW COUNTS	DESCRIPTION	FID ☐ PID ☒ (PPM)	USCS	REMARKS
0						
2	1		sand and gravel with asphalt and brick fill	nd		
4	2		brown sand, some asphalt and brick	nd		
6	3		dark brown sand	8		
8	4		brown sandy clay	nd		
10	5		no sample recovery	nd		
12	6		light brown clay	nd		
14	7		yellow-brown clay, some sand	nd		
16	8		brown sand and gravel	4		soil sample submitted for laboratory analysis
						nd= non-detect

PREPARED BY: C. Lass

**APPENDIX B – LABORATORY ANALYTICAL REPORTS AND CHAIN OF
CUSTODY**



Pace Analytical Services, Inc.

1700 Elm Street, Suite 200

Minneapolis, MN 55414

Phone: 612.607.1700

Fax: 612.607.6444

DATE: 02/14/00

PAGE: 1

SI
55 Canal Road
Lleyview, OH 44125

Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

all results are reported on a dry weight basis

Sample No:	101828390	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-1 (8-10)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	----------	---------	------	-----------

Inorganics Prep

Percent Moisture	Method:	Prep Method:
Percent Moisture	13.3 %	02/01/00 BKR

Soil Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/kg 1130	02/03/00 JMZ

C/MS Volatiles

VOCs by 8260 MEQH EXT.	Method: EPA 8260	Prep Method: EPA 5030 Medium Soi
Dichlorodifluoromethane	ND ug/kg 580	02/08/00 RAN1 75-71-8
Chloromethane	ND ug/kg 580	02/08/00 RAN1 74-87-3
Vinyl Chloride	ND ug/kg 580	02/08/00 RAN1 75-01-4
Bromomethane	ND ug/kg 580	02/08/00 RAN1 74-83-9
Chloroethane	ND ug/kg 580	02/08/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/kg 580	02/08/00 RAN1 75-69-4
Methylene Chloride	ND ug/kg 290	02/08/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/kg 290	02/08/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/kg 290	02/08/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/kg 290	02/08/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/kg 290	02/08/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/kg 290	02/08/00 RAN1 156-59-2
Chloroform	ND ug/kg 290	02/08/00 RAN1 67-66-3
Bromochloromethane	ND ug/kg 290	02/08/00 RAN1 74-97-5
1,1,1-Trichloroethane	ND ug/kg 290	02/08/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/kg 290	02/08/00 RAN1 56-23-5

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.



Pace Analytical Services, Inc.

1700 Elm Street, Suite 200

Minneapolis, MN 55414

Phone: 612.607.1700

Fax: 612.607.6444

DATE: 02/14/00

PAGE: 2

Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828390
Client Sample ID: S-1 (8-10)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1-Dichloropropene	ND	ug/kg	290	02/08/00	RAN1	563-58-6	
Benzene	ND	ug/kg	290	02/08/00	RAN1	71-43-2	
1,2-Dichloroethane	ND	ug/kg	290	02/08/00	RAN1	107-06-2	
Trichloroethene	ND	ug/kg	290	02/08/00	RAN1	79-01-6	
1,2-Dichloropropane	ND	ug/kg	290	02/08/00	RAN1	78-87-5	
Bromodichloromethane	ND	ug/kg	290	02/08/00	RAN1	75-27-4	
Dibromomethane	ND	ug/kg	290	02/08/00	RAN1	74-95-3	
trans-1,3-Dichloropropene	ND	ug/kg	290	02/08/00	RAN1	10061-02-6	
Toluene	ND	ug/kg	290	02/08/00	RAN1	108-88-3	
cis-1,3-Dichloropropene	ND	ug/kg	290	02/08/00	RAN1	10061-01-5	
1,1,2-Trichloroethane	ND	ug/kg	290	02/08/00	RAN1	79-00-5	
Tetrachloroethene	ND	ug/kg	290	02/08/00	RAN1	127-18-4	1
1,3-Dichloropropane	ND	ug/kg	290	02/08/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	290	02/08/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	290	02/08/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	290	02/08/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	290	02/08/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	290	02/08/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	880	02/08/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	290	02/08/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	290	02/08/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	290	02/08/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	290	02/08/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	290	02/08/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	290	02/08/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	290	02/08/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	290	02/08/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	290	02/08/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	290	02/08/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	290	02/08/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	290	02/08/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	290	02/08/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	290	02/08/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	290	02/08/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	290	02/08/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	290	02/08/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	290	02/08/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	580	02/08/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	290	02/08/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	290	02/08/00	RAN1	87-68-3	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828390	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-1 (8-10)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Naphthalene	ND	ug/kg	290	02/08/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	290	02/08/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	580	02/08/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	290	02/08/00	RAN1	95-47-6	
Dibromofluoromethane (S)	85	%		02/08/00	RAN1	1868-53-7	
Toluene-d8 (S)	96	%		02/08/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	94	%		02/08/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%		02/08/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

VMS Semivolatiles

Semivolatile Organics	Method: EPA 8270	Prep Method: EPA 3550 Sonication
Phenol	ND ug/kg 380	02/10/00 SGM 108-95-2
bis(2-Chloroethyl)ether	ND ug/kg 380	02/10/00 SGM 111-44-4
2-Chlorophenol	ND ug/kg 380	02/10/00 SGM 95-57-8
1,3-Dichlorobenzene	ND ug/kg 380	02/10/00 SGM 541-73-1
1,4-Dichlorobenzene	ND ug/kg 380	02/10/00 SGM 106-46-7
Benzyl Alcohol	ND ug/kg 760	02/10/00 SGM 100-51-6
1,2-Dichlorobenzene	ND ug/kg 380	02/10/00 SGM 95-50-1
2-Methylphenol	ND ug/kg 380	02/10/00 SGM 95-48-7
bis(2-Chloroisopropyl)ether	ND ug/kg 380	02/10/00 SGM 39638-32-9
4-Methylphenol	ND ug/kg 380	02/10/00 SGM 106-44-5
N-Nitroso-di-n-propylamine	ND ug/kg 380	02/10/00 SGM 621-64-7
Hexachloroethane	ND ug/kg 380	02/10/00 SGM 67-72-1
Nitrobenzene	ND ug/kg 380	02/10/00 SGM 98-95-3
Isophorone	ND ug/kg 380	02/10/00 SGM 78-59-1
2-Nitrophenol	ND ug/kg 380	02/10/00 SGM 88-75-5
2,4-Dimethylphenol	ND ug/kg 380	02/10/00 SGM 105-67-9
Benzoic Acid	ND ug/kg 2000	02/10/00 SGM 65-85-0
bis(2-Chloroethoxy)methane	ND ug/kg 380	02/10/00 SGM 111-91-1
2,4-Dichlorophenol	ND ug/kg 380	02/10/00 SGM 120-83-2
1,2,4-Trichlorobenzene	ND ug/kg 380	02/10/00 SGM 120-82-1
Naphthalene	ND ug/kg 380	02/10/00 SGM 91-20-3
4-Chloroaniline	ND ug/kg 2000	02/10/00 SGM 106-47-8
Hexachlorobutadiene	ND ug/kg 380	02/10/00 SGM 87-68-3
4-Chloro-3-methylphenol	ND ug/kg 380	02/10/00 SGM 59-50-7
2-Methylnaphthalene	ND ug/kg 380	02/10/00 SGM 91-57-6
Hexachlorocyclopentadiene	ND ug/kg 2000	02/10/00 SGM 77-47-4
2,4,6-Trichlorophenol	ND ug/kg 380	02/10/00 SGM 88-06-2

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828390	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-1 (8-10)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
2,4,5-Trichlorophenol	ND	ug/kg	2000	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	380	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	380	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	380	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	380	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/kg	380	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2000	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	2000	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/kg	380	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	380	02/10/00	SGM	121-14-2	
Diethylphthalate	ND	ug/kg	380	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	380	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/kg	380	02/10/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	380	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	380	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	380	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1400	02/10/00	SGM	87-86-5	
Phenanthrene	440	ug/kg	380	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/kg	380	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	380	02/10/00	SGM	84-74-2	
Fluoranthene	550	ug/kg	380	02/10/00	SGM	206-44-0	
Pyrene	550	ug/kg	380	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	380	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	770	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/kg	380	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/kg	380	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	380	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	380	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	380	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/kg	380	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	380	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	380	02/10/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	87	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	85	%		02/10/00	SGM	321-60-8	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

ce Sample No:	101828390	Date Collected:	01/26/00	Matrix:	Soil		
ient Sample ID:	S-1 (8-10)	Date Received:	01/28/00				
Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Terphenyl-d14 (S)	103	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	95	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	85	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	91	%		02/10/00	SGM	118-79-6	
Date Extracted				02/09/00			
omments : Analyze 1664 for TRPH only.							

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828408	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-2 (10-12)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Inorganics Prep

Percent Moisture	Method:	Prep Method:
Percent Moisture	10.7 %	02/01/00 BKR

Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/kg 1090	02/03/00 JMZ

C/MS Volatiles

POCs by 8260 MEOH EXT.	Method: EPA 8260	Prep Method: EPA 5030 Medium Soi
Dichlorodifluoromethane	ND ug/kg 560	02/08/00 RAN1 75-71-8
Chloromethane	ND ug/kg 560	02/08/00 RAN1 74-87-3
Vinyl Chloride	ND ug/kg 560	02/08/00 RAN1 75-01-4
Bromomethane	ND ug/kg 560	02/08/00 RAN1 74-83-9
Chloroethane	ND ug/kg 560	02/08/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/kg 560	02/08/00 RAN1 75-69-4
Methylene Chloride	ND ug/kg 280	02/08/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/kg 280	02/08/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/kg 280	02/08/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/kg 280	02/08/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/kg 280	02/08/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/kg 280	02/08/00 RAN1 156-59-2
Chloroform	ND ug/kg 280	02/08/00 RAN1 67-66-3
Bromochloromethane	ND ug/kg 280	02/08/00 RAN1 74-97-5
1,1,1-Trichloroethane	ND ug/kg 280	02/08/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/kg 280	02/08/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/kg 280	02/08/00 RAN1 563-58-6
Benzene	ND ug/kg 280	02/08/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/kg 280	02/08/00 RAN1 107-06-2
Trichloroethene	ND ug/kg 280	02/08/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/kg 280	02/08/00 RAN1 78-87-5
Bromodichloromethane	ND ug/kg 280	02/08/00 RAN1 75-27-4
Dibromomethane	ND ug/kg 280	02/08/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/kg 280	02/08/00 RAN1 10061-02-6
Toluene	ND ug/kg 280	02/08/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/kg 280	02/08/00 RAN1 10061-01-5

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828408	Date Collected:	01/26/00	Matrix:	Soil
Parent Sample ID:	S-2 (10-12)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	280	02/08/00	RAN1	79-00-5	
Tetrachloroethene	ND	ug/kg	280	02/08/00	RAN1	127-18-4	1
1,3-Dichloropropane	ND	ug/kg	280	02/08/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	280	02/08/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	280	02/08/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	280	02/08/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	280	02/08/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	280	02/08/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	840	02/08/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	280	02/08/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	280	02/08/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	280	02/08/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	280	02/08/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	280	02/08/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	280	02/08/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	280	02/08/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	280	02/08/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	280	02/08/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	280	02/08/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	280	02/08/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	280	02/08/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	280	02/08/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	280	02/08/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	280	02/08/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	280	02/08/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	280	02/08/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	280	02/08/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	560	02/08/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	280	02/08/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	280	02/08/00	RAN1	87-68-3	
Naphthalene	ND	ug/kg	280	02/08/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	280	02/08/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	560	02/08/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	280	02/08/00	RAN1	95-47-6	
Dibromofluoromethane (S)	92	%		02/08/00	RAN1	1868-53-7	
Toluene-d8 (S)	104	%		02/08/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	99	%		02/08/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%		02/08/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

GC/MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828408
Client Sample ID: S-2 (10-12)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Phenol	ND	ug/kg	370	02/10/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	370	02/10/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	370	02/10/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	370	02/10/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	02/10/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	740	02/10/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	370	02/10/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	370	02/10/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	370	02/10/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	370	02/10/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	370	02/10/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	370	02/10/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	370	02/10/00	SGM	98-95-3	
Isophorone	ND	ug/kg	370	02/10/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	370	02/10/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	370	02/10/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	1900	02/10/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	02/10/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	370	02/10/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	370	02/10/00	SGM	120-82-1	
Naphthalene	ND	ug/kg	370	02/10/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	1900	02/10/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	370	02/10/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	370	02/10/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/kg	370	02/10/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	1900	02/10/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	02/10/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	1900	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	370	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	1900	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	370	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	370	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	370	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	1900	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/kg	370	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	1900	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	1900	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/kg	370	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	370	02/10/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828408
Sample ID: S-2 (10-12)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	370	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	370	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/kg	370	02/10/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	1900	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1900	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	370	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	370	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	370	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1300	02/10/00	SGM	87-86-5	
Phenanthrene	ND	ug/kg	370	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/kg	370	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	370	02/10/00	SGM	84-74-2	
Fluoranthene	ND	ug/kg	370	02/10/00	SGM	206-44-0	
Pyrene	ND	ug/kg	370	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	370	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	750	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/kg	370	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/kg	370	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	370	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	370	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	370	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/kg	370	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	370	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	370	02/10/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	75	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	75	%		02/10/00	SGM	321-60-8	
Terphenyl-d14 (S)	90	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	75	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	71	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	71	%		02/10/00	SGM	118-79-6	
Date Extracted				02/09/00			

Comments: Analyze 1664 for TRPH only.

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828416	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-3 (10-12)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Inorganics Prep

Percent Moisture	Method:	Prep Method:
Percent Moisture	16.1 %	02/01/00 BKR

Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/kg 1170	02/03/00 JMZ

GC/MS Volatiles

POCs by 8260 MECH EXT.	Method: EPA 8260	Prep Method: EPA 5030 Medium Soi
Dichlorodifluoromethane	ND ug/kg 600	02/08/00 RAN1 75-71-8
Chloromethane	ND ug/kg 600	02/08/00 RAN1 74-87-3
Vinyl Chloride	ND ug/kg 600	02/08/00 RAN1 75-01-4
Bromomethane	ND ug/kg 600	02/08/00 RAN1 74-83-9
Chloroethane	ND ug/kg 600	02/08/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/kg 600	02/08/00 RAN1 75-69-4
Methylene Chloride	ND ug/kg 300	02/08/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/kg 300	02/08/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/kg 300	02/08/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/kg 300	02/08/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/kg 300	02/08/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/kg 300	02/08/00 RAN1 156-59-2
Chloroform	ND ug/kg 300	02/08/00 RAN1 67-66-3
Bromochloromethane	ND ug/kg 300	02/08/00 RAN1 74-97-5
1,1,1-Trichloroethane	ND ug/kg 300	02/08/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/kg 300	02/08/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/kg 300	02/08/00 RAN1 563-58-6
Benzene	ND ug/kg 300	02/08/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/kg 300	02/08/00 RAN1 107-06-2
Trichloroethene	ND ug/kg 300	02/08/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/kg 300	02/08/00 RAN1 78-87-5
Bromodichloromethane	ND ug/kg 300	02/08/00 RAN1 75-27-4
Dibromomethane	ND ug/kg 300	02/08/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/kg 300	02/08/00 RAN1 10061-02-6
Toluene	ND ug/kg 300	02/08/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/kg 300	02/08/00 RAN1 10061-01-5

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828416	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-3 (10-12)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	300	02/08/00	RAN1	79-00-5	
Tetrachloroethene	ND	ug/kg	300	02/08/00	RAN1	127-18-4	1
1,3-Dichloropropane	ND	ug/kg	300	02/08/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	300	02/08/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	300	02/08/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	300	02/08/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	300	02/08/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	300	02/08/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	890	02/08/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	300	02/08/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	300	02/08/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	300	02/08/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	300	02/08/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	300	02/08/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	300	02/08/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	300	02/08/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	300	02/08/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	300	02/08/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	300	02/08/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	300	02/08/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	300	02/08/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	300	02/08/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	300	02/08/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	300	02/08/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	300	02/08/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	300	02/08/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	300	02/08/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	600	02/08/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	300	02/08/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	300	02/08/00	RAN1	87-68-3	
Naphthalene	ND	ug/kg	300	02/08/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	300	02/08/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	600	02/08/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	300	02/08/00	RAN1	95-47-6	
Dibromofluoromethane (S)	91	%		02/08/00	RAN1	1868-53-7	
Toluene-d8 (S)	100	%		02/08/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	95	%		02/08/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%		02/08/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828416	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-3 (10-12)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Phenol	ND	ug/kg	390	02/10/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	390	02/10/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	390	02/10/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	390	02/10/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	390	02/10/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	780	02/10/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	390	02/10/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	390	02/10/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	390	02/10/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	390	02/10/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	390	02/10/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	390	02/10/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	390	02/10/00	SGM	98-95-3	
Isophorone	ND	ug/kg	390	02/10/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	390	02/10/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	390	02/10/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	2000	02/10/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	390	02/10/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	390	02/10/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	390	02/10/00	SGM	120-82-1	
Naphthalene	ND	ug/kg	390	02/10/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	2000	02/10/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	390	02/10/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	390	02/10/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/kg	390	02/10/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	2000	02/10/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	390	02/10/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	2000	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	390	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	390	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	390	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	390	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/kg	390	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2000	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	2000	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/kg	390	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	390	02/10/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828416
Client Sample ID: S-3 (10-12)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	390	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	390	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/kg	390	02/10/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	390	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	390	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	390	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1400	02/10/00	SGM	87-86-5	
Phenanthrene	ND	ug/kg	390	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/kg	390	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	390	02/10/00	SGM	84-74-2	
Fluoranthene	ND	ug/kg	390	02/10/00	SGM	206-44-0	
Pyrene	ND	ug/kg	390	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	390	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	790	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/kg	390	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/kg	390	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	530	ug/kg	390	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	390	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	390	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	390	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/kg	390	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	390	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	390	02/10/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	79	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	81	%		02/10/00	SGM	321-60-8	
Terphenyl-d14 (S)	96	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	84	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	75	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	75	%		02/10/00	SGM	118-79-6	
Date Extracted				02/09/00			

Comments : Analyze 1664 for TRPH only.

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828424
Sample ID: S-4 (2-4)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Organics Prep

Percent Moisture	Method:				Prep Method:	
Percent Moisture	18.3	%		02/01/00	BKR	

Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664				Prep Method: EPA 1664	
Oil and Grease	ND	mg/kg	1190	02/03/00	JMZ	

GC/MS Volatiles

GCs by 8260 MEOH EXT.	Method: EPA 8260				Prep Method: EPA 5030 Medium Soil	
Dichlorodifluoromethane	ND	ug/kg	610	02/09/00	RAN1	75-71-8
Chloromethane	ND	ug/kg	610	02/09/00	RAN1	74-87-3
Vinyl Chloride	ND	ug/kg	610	02/09/00	RAN1	75-01-4
Bromomethane	ND	ug/kg	610	02/09/00	RAN1	74-83-9
Chloroethane	ND	ug/kg	610	02/09/00	RAN1	75-00-3
Trichlorofluoromethane	ND	ug/kg	610	02/09/00	RAN1	75-69-4
Methylene Chloride	ND	ug/kg	310	02/09/00	RAN1	75-09-2
1,1-Dichloroethene	ND	ug/kg	310	02/09/00	RAN1	75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	310	02/09/00	RAN1	156-60-5
1,1-Dichloroethane	ND	ug/kg	310	02/09/00	RAN1	75-34-3
2,2-Dichloropropane	ND	ug/kg	310	02/09/00	RAN1	594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	310	02/09/00	RAN1	156-59-2
Chloroform	ND	ug/kg	310	02/09/00	RAN1	67-66-3
Bromochloromethane	ND	ug/kg	310	02/09/00	RAN1	74-97-5
1,1,1-Trichloroethane	ND	ug/kg	310	02/09/00	RAN1	71-55-6
Carbon Tetrachloride	ND	ug/kg	310	02/09/00	RAN1	56-23-5
1,1-Dichloropropene	ND	ug/kg	310	02/09/00	RAN1	563-58-6
Benzene	ND	ug/kg	310	02/09/00	RAN1	71-43-2
1,2-Dichloroethane	ND	ug/kg	310	02/09/00	RAN1	107-06-2
Trichloroethene	ND	ug/kg	310	02/09/00	RAN1	79-01-6
1,2-Dichloropropane	ND	ug/kg	310	02/09/00	RAN1	78-87-5
Bromodichloromethane	ND	ug/kg	310	02/09/00	RAN1	75-27-4
Dibromomethane	ND	ug/kg	310	02/09/00	RAN1	74-95-3
trans-1,3-Dichloropropene	ND	ug/kg	310	02/09/00	RAN1	10061-02-6
Toluene	490	ug/kg	310	02/09/00	RAN1	108-88-3
cis-1,3-Dichloropropene	ND	ug/kg	310	02/09/00	RAN1	10061-01-5

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

ce Sample No:	101828424	Date Collected:	01/26/00	Matrix:	Soil		
ient Sample ID:	S-4 (2-4)	Date Received:	01/28/00				
Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	310	02/09/00	RAN1	79-00-5	
Tetrachloroethene	ND	ug/kg	310	02/09/00	RAN1	127-18-4	1
1,3-Dichloropropane	ND	ug/kg	310	02/09/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	310	02/09/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	310	02/09/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	310	02/09/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	310	02/09/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	310	02/09/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	920	02/09/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	310	02/09/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	310	02/09/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	310	02/09/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	310	02/09/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	310	02/09/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	310	02/09/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	310	02/09/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	310	02/09/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	310	02/09/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	310	02/09/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	310	02/09/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	310	02/09/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	310	02/09/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	310	02/09/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	310	02/09/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	310	02/09/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	310	02/09/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	310	02/09/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	610	02/09/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	310	02/09/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	310	02/09/00	RAN1	87-68-3	
Naphthalene	480	ug/kg	310	02/09/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	310	02/09/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	610	02/09/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	400	ug/kg	310	02/09/00	RAN1	95-47-6	
Dibromofluoromethane (S)	77	%		02/09/00	RAN1	1868-53-7	
Toluene-d8 (S)	83	%		02/09/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	75	%		02/09/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	78	%		02/09/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828424
Client Sample ID: S-4 (2-4)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatile Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Phenol	ND	ug/kg	400	02/11/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	400	02/11/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	400	02/11/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	810	02/11/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	400	02/11/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	400	02/11/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	400	02/11/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	400	02/11/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	400	02/11/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	400	02/11/00	SGM	98-95-3	
Isophorone	ND	ug/kg	400	02/11/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	400	02/11/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	400	02/11/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	2100	02/11/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	400	02/11/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	400	02/11/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	400	02/11/00	SGM	120-82-1	
Naphthalene	650	ug/kg	400	02/11/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	2100	02/11/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	400	02/11/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	400	02/11/00	SGM	59-50-7	
2-Methylnaphthalene	880	ug/kg	400	02/11/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	2100	02/11/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	400	02/11/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	2100	02/11/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	400	02/11/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	400	02/11/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	400	02/11/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	400	02/11/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	99-09-2	
Acenaphthene	890	ug/kg	400	02/11/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2100	02/11/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	2100	02/11/00	SGM	100-02-7	
Dibenzofuran	430	ug/kg	400	02/11/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	400	02/11/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828424
Client Sample ID: S-4 (2-4)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	400	02/11/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	400	02/11/00	SGM	7005-72-3	
Fluorene	760	ug/kg	400	02/11/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	02/11/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	400	02/11/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	400	02/11/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	400	02/11/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1500	02/11/00	SGM	87-86-5	
Phenanthrene	39000	ug/kg	2000	02/11/00	SGM	85-01-8	
Anthracene	2100	ug/kg	400	02/11/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	400	02/11/00	SGM	84-74-2	
Fluoranthene	53000	ug/kg	2000	02/11/00	SGM	206-44-0	
Pyrene	43000	ug/kg	2000	02/11/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	400	02/11/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	820	02/11/00	SGM	91-94-1	
Benzo(a)anthracene	30000	ug/kg	2000	02/11/00	SGM	56-55-3	
Chrysene	29000	ug/kg	2000	02/11/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	02/11/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	400	02/11/00	SGM	117-84-0	
Benzo(b)fluoranthene	43000	ug/kg	2000	02/11/00	SGM	205-99-2	
Benzo(k)fluoranthene	16000	ug/kg	2000	02/11/00	SGM	207-08-9	
Benzo(a)pyrene	31000	ug/kg	2000	02/11/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	2000	ug/kg	400	02/11/00	SGM	193-39-5	
Dibenz(a,h)anthracene	540	ug/kg	400	02/11/00	SGM	53-70-3	
Benzo(g,h,i)perylene	1600	ug/kg	400	02/11/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	86	%		02/11/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	92	%		02/11/00	SGM	321-60-8	
Terphenyl-d14 (S)	84	%		02/11/00	SGM	1718-51-0	
Phenol-d6 (S)	84	%		02/11/00	SGM	13127-88-3	
2-Fluorophenol (S)	73	%		02/11/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	93	%		02/11/00	SGM	118-79-6	
Date Extracted				02/09/00			

Comments: Analyze 1664 for TRPH only.

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828432	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-5 (6-8)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Inorganics Prep

Percent Moisture	Method:	Prep Method:
Percent Moisture	15.8 %	02/01/00 BKR

Oil & Grease Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	2580 mg/kg 1140	02/03/00 JMZ

GC/MS Volatiles

VOCs by 8260 MEQH EXT.	Method: EPA 8260	Prep Method: EPA 5030 Medium Soil
Dichlorodifluoromethane	ND ug/kg 600	02/09/00 RAN1 75-71-8
Chloromethane	ND ug/kg 600	02/09/00 RAN1 74-87-3
Vinyl Chloride	ND ug/kg 600	02/09/00 RAN1 75-01-4
Bromomethane	ND ug/kg 600	02/09/00 RAN1 74-83-9
Chloroethane	ND ug/kg 600	02/09/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/kg 600	02/09/00 RAN1 75-69-4
Methylene Chloride	ND ug/kg 300	02/09/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/kg 300	02/09/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/kg 300	02/09/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/kg 300	02/09/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/kg 300	02/09/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/kg 300	02/09/00 RAN1 156-59-2
Chloroform	ND ug/kg 300	02/09/00 RAN1 67-66-3
Bromochloromethane	ND ug/kg 300	02/09/00 RAN1 74-97-5
1,1,1-Trichloroethane	ND ug/kg 300	02/09/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/kg 300	02/09/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/kg 300	02/09/00 RAN1 563-58-6
Benzene	ND ug/kg 300	02/09/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/kg 300	02/09/00 RAN1 107-06-2
Trichloroethene	ND ug/kg 300	02/09/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/kg 300	02/09/00 RAN1 78-87-5
Bromodichloromethane	ND ug/kg 300	02/09/00 RAN1 75-27-4
Dibromomethane	ND ug/kg 300	02/09/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/kg 300	02/09/00 RAN1 10061-02-6
Toluene	ND ug/kg 300	02/09/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/kg 300	02/09/00 RAN1 10061-01-5

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828432

Client Sample ID: S-5 (6-8)

Date Collected: 01/26/00

Matrix: Soil

Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	300	02/09/00	RAN1	79-00-5	
Tetrachloroethene	ND	ug/kg	300	02/09/00	RAN1	127-18-4	1
1,3-Dichloropropane	ND	ug/kg	300	02/09/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	300	02/09/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	300	02/09/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	300	02/09/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	300	02/09/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	300	02/09/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	900	02/09/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	300	02/09/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	300	02/09/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	300	02/09/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	300	02/09/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	300	02/09/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	300	02/09/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	300	02/09/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	300	02/09/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	300	02/09/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	300	02/09/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	300	02/09/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	300	02/09/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	600	02/09/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	300	02/09/00	RAN1	87-68-3	
Naphthalene	ND	ug/kg	300	02/09/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	600	02/09/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	300	02/09/00	RAN1	95-47-6	
Dibromofluoromethane (S)	82	%		02/09/00	RAN1	1868-53-7	
Toluene-d8 (S)	90	%		02/09/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	87	%		02/09/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	83	%		02/09/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

U/MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828432
Client Sample ID: S-5 (6-8)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatiles Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Phenol	ND	ug/kg	2000	02/11/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	2000	02/11/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	2000	02/11/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	2000	02/11/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2000	02/11/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	3900	02/11/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	2000	02/11/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	2000	02/11/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	2000	02/11/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	2000	02/11/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	2000	02/11/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	2000	02/11/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	2000	02/11/00	SGM	98-95-3	
Isophorone	ND	ug/kg	2000	02/11/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	2000	02/11/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	2000	02/11/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	10000	02/11/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	2000	02/11/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	2000	02/11/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	2000	02/11/00	SGM	120-82-1	
Naphthalene	ND	ug/kg	2000	02/11/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	10000	02/11/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	2000	02/11/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	2000	02/11/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/kg	2000	02/11/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	10000	02/11/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	2000	02/11/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	10000	02/11/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	2000	02/11/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	10000	02/11/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	2000	02/11/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	2000	02/11/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	2000	02/11/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	10000	02/11/00	SGM	99-09-2	
Acenaphthene	ND	ug/kg	2000	02/11/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	10000	02/11/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	10000	02/11/00	SGM	100-02-7	
Dibenzofuran	ND	ug/kg	2000	02/11/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	2000	02/11/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828432
Client Sample ID: S-5 (6-8)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	2000	02/11/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	2000	02/11/00	SGM	7005-72-3	
Fluorene	ND	ug/kg	2000	02/11/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	10000	02/11/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10000	02/11/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	2000	02/11/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	2000	02/11/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	2000	02/11/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	7100	02/11/00	SGM	87-86-5	
Phenanthrene	2400	ug/kg	2000	02/11/00	SGM	85-01-8	
Anthracene	ND	ug/kg	2000	02/11/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	2000	02/11/00	SGM	84-74-2	
Fluoranthene	2100	ug/kg	2000	02/11/00	SGM	206-44-0	
Pyrene	ND	ug/kg	2000	02/11/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	2000	02/11/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	4000	02/11/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/kg	2000	02/11/00	SGM	56-55-3	
Chrysene	2400	ug/kg	2000	02/11/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2000	02/11/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	2000	02/11/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	2000	02/11/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	2000	02/11/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/kg	2000	02/11/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	2000	02/11/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	2000	02/11/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	2000	02/11/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	91	%		02/11/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	93	%		02/11/00	SGM	321-60-8	
Terphenyl-d14 (S)	83	%		02/11/00	SGM	1718-51-0	
Phenol-d6 (S)	91	%		02/11/00	SGM	13127-88-3	
2-Fluorophenol (S)	84	%		02/11/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	86	%		02/11/00	SGM	118-79-6	
Date Extracted				02/09/00			

Comments : Analyze 1664 for TRPH only.

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Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

Sample No:	101828440	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-6 (16-18)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Inorganics Prep

Percent Moisture	Method:			Prep Method:	
Percent Moisture	17.8	%		02/01/00	BKR

Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664			Prep Method: EPA 1664	
Oil and Grease	ND	mg/kg	1140	02/03/00	JMZ

GC/MS Volatiles

GCs by 8260 MEOH EXT.	Method: EPA 8260			Prep Method: EPA 5030 Medium Soi	
Dichlorodifluoromethane	ND	ug/kg	610	02/09/00	RAN1 75-71-8
Chloromethane	ND	ug/kg	610	02/09/00	RAN1 74-87-3
Vinyl Chloride	ND	ug/kg	610	02/09/00	RAN1 75-01-4
Bromomethane	ND	ug/kg	610	02/09/00	RAN1 74-83-9
Chloroethane	ND	ug/kg	610	02/09/00	RAN1 75-00-3
Trichlorofluoromethane	ND	ug/kg	610	02/09/00	RAN1 75-69-4
Methylene Chloride	ND	ug/kg	300	02/09/00	RAN1 75-09-2
1,1-Dichloroethene	ND	ug/kg	300	02/09/00	RAN1 75-35-4
trans-1,2-Dichloroethene	ND	ug/kg	300	02/09/00	RAN1 156-60-5
1,1-Dichloroethane	ND	ug/kg	300	02/09/00	RAN1 75-34-3
2,2-Dichloropropane	ND	ug/kg	300	02/09/00	RAN1 594-20-7
cis-1,2-Dichloroethene	ND	ug/kg	300	02/09/00	RAN1 156-59-2
Chloroform	ND	ug/kg	300	02/09/00	RAN1 67-66-3
Bromochloromethane	ND	ug/kg	300	02/09/00	RAN1 74-97-5
1,1,1-Trichloroethane	ND	ug/kg	300	02/09/00	RAN1 71-55-6
Carbon Tetrachloride	ND	ug/kg	300	02/09/00	RAN1 56-23-5
1,1-Dichloropropene	ND	ug/kg	300	02/09/00	RAN1 563-58-6
Benzene	ND	ug/kg	300	02/09/00	RAN1 71-43-2
1,2-Dichloroethane	ND	ug/kg	300	02/09/00	RAN1 107-06-2
Trichloroethene	ND	ug/kg	300	02/09/00	RAN1 79-01-6
1,2-Dichloropropane	ND	ug/kg	300	02/09/00	RAN1 78-87-5
Bromodichloromethane	ND	ug/kg	300	02/09/00	RAN1 75-27-4
Dibromomethane	ND	ug/kg	300	02/09/00	RAN1 74-95-3
trans-1,3-Dichloropropene	ND	ug/kg	300	02/09/00	RAN1 10061-02-6
Toluene	ND	ug/kg	300	02/09/00	RAN1 108-88-3
cis-1,3-Dichloropropene	ND	ug/kg	300	02/09/00	RAN1 10061-01-5

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

ce Sample No: 101828440
ient Sample ID: S-6 (16-18)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	300	02/09/00	RAN1	79-00-5	1
Tetrachloroethene	ND	ug/kg	300	02/09/00	RAN1	127-18-4	
1,3-Dichloropropane	ND	ug/kg	300	02/09/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	300	02/09/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	300	02/09/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	300	02/09/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	300	02/09/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	300	02/09/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	910	02/09/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	300	02/09/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	300	02/09/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	300	02/09/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	300	02/09/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	300	02/09/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	300	02/09/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	300	02/09/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	300	02/09/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	300	02/09/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	300	02/09/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	300	02/09/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	300	02/09/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	300	02/09/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	610	02/09/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	300	02/09/00	RAN1	87-68-3	
Naphthalene	ND	ug/kg	300	02/09/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	300	02/09/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	610	02/09/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	300	02/09/00	RAN1	95-47-6	
Dibromofluoromethane (S)	85	%		02/09/00	RAN1	1868-53-7	
Toluene-d8 (S)	96	%		02/09/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	94	%		02/09/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%		02/09/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828440
Client Sample ID: S-6 (16-18)

Date Collected: 01/26/00
Date Received: 01/28/00
Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatiles Organics	Method: EPA 8270				Prep Method: EPA 3550 Sonication		
Phenol	ND	ug/kg	400	02/11/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	400	02/11/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	400	02/11/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	800	02/11/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	400	02/11/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	400	02/11/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	400	02/11/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	400	02/11/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	400	02/11/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	400	02/11/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	400	02/11/00	SGM	98-95-3	
Isophorone	ND	ug/kg	400	02/11/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	400	02/11/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	400	02/11/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	2100	02/11/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	400	02/11/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	400	02/11/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	400	02/11/00	SGM	120-82-1	
Naphthalene	ND	ug/kg	400	02/11/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	2100	02/11/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	400	02/11/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	400	02/11/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/kg	400	02/11/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	2100	02/11/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	400	02/11/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	2100	02/11/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	400	02/11/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	400	02/11/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	400	02/11/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	400	02/11/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	99-09-2	
Acenaphthene	770	ug/kg	400	02/11/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2100	02/11/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	2100	02/11/00	SGM	100-02-7	
Dibenzofuran	500	ug/kg	400	02/11/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	400	02/11/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828440
Client Sample ID: S-6 (16-18)

Date Collected: 01/26/00 Matrix: Soil
Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	400	02/11/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	400	02/11/00	SGM	7005-72-3	
Fluorene	1000	ug/kg	400	02/11/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	2100	02/11/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2100	02/11/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	400	02/11/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	400	02/11/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	400	02/11/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1500	02/11/00	SGM	87-86-5	
Phenanthrene	1200	ug/kg	400	02/11/00	SGM	85-01-8	
Anthracene	1700	ug/kg	400	02/11/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	400	02/11/00	SGM	84-74-2	
Fluoranthene	6400	ug/kg	2000	02/11/00	SGM	206-44-0	
Pyrene	4900	ug/kg	2000	02/11/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	400	02/11/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	810	02/11/00	SGM	91-94-1	
Benzo(a)anthracene	2700	ug/kg	400	02/11/00	SGM	56-55-3	
Chrysene	2600	ug/kg	400	02/11/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	1000	ug/kg	400	02/11/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	400	02/11/00	SGM	117-84-0	
Benzo(b)fluoranthene	3100	ug/kg	400	02/11/00	SGM	205-99-2	
Benzo(k)fluoranthene	1400	ug/kg	400	02/11/00	SGM	207-08-9	
Benzo(a)pyrene	2500	ug/kg	400	02/11/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	790	ug/kg	400	02/11/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	400	02/11/00	SGM	53-70-3	
Benzo(g,h,i)perylene	630	ug/kg	400	02/11/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	78	%		02/11/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	83	%		02/11/00	SGM	321-60-8	
Terphenyl-d14 (S)	89	%		02/11/00	SGM	1718-51-0	
Phenol-d6 (S)	99	%		02/11/00	SGM	13127-88-3	
2-Fluorophenol (S)	84	%		02/11/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	98	%		02/11/00	SGM	118-79-6	
Date Extracted				02/09/00			

Comments : Analyze 1664 for TRPH only.

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828457	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-7 (14-16)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Inorganics Prep

Percent Moisture	Method:	Prep Method:
Percent Moisture	13.8 %	02/01/00 BKR

Oil & Grease Chemistry

Oil & Grease, Hexane, Soil	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/kg 1100	02/03/00 JMZ

C/MS Volatiles

VOCs by 8260 MEOH EXT.	Method: EPA 8260	Prep Method: EPA 5030 Medium Soil
Dichlorodifluoromethane	ND ug/kg 590	02/09/00 RAN1 75-71-8
Chloromethane	ND ug/kg 590	02/09/00 RAN1 74-87-3
Vinyl Chloride	ND ug/kg 590	02/09/00 RAN1 75-01-4
Bromomethane	ND ug/kg 590	02/09/00 RAN1 74-83-9
Chloroethane	ND ug/kg 590	02/09/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/kg 590	02/09/00 RAN1 75-69-4
Methylene Chloride	ND ug/kg 290	02/09/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/kg 290	02/09/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/kg 290	02/09/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/kg 290	02/09/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/kg 290	02/09/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/kg 290	02/09/00 RAN1 156-59-2
Chloroform	ND ug/kg 290	02/09/00 RAN1 67-66-3
Bromochloromethane	ND ug/kg 290	02/09/00 RAN1 74-97-5
1,1,1-Trichloroethane	ND ug/kg 290	02/09/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/kg 290	02/09/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/kg 290	02/09/00 RAN1 563-58-6
Benzene	ND ug/kg 290	02/09/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/kg 290	02/09/00 RAN1 107-06-2
Trichloroethene	ND ug/kg 290	02/09/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/kg 290	02/09/00 RAN1 78-87-5
Bromodichloromethane	ND ug/kg 290	02/09/00 RAN1 75-27-4
Dibromomethane	ND ug/kg 290	02/09/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/kg 290	02/09/00 RAN1 10061-02-6
Toluene	ND ug/kg 290	02/09/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/kg 290	02/09/00 RAN1 10061-01-5

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DATE: 02/14/00

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

ce Sample No:	101828457	Date Collected:	01/26/00	Matrix:	Soil
ient Sample ID:	S-7 (14-16)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,2-Trichloroethane	ND	ug/kg	290	02/09/00	RAN1	79-00-5	1
Tetrachloroethene	ND	ug/kg	290	02/09/00	RAN1	127-18-4	
1,3-Dichloropropane	ND	ug/kg	290	02/09/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/kg	290	02/09/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/kg	290	02/09/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/kg	290	02/09/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/kg	290	02/09/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/kg	290	02/09/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/kg	880	02/09/00	RAN1	1330-20-7	
Styrene	ND	ug/kg	290	02/09/00	RAN1	100-42-5	
Bromoform	ND	ug/kg	290	02/09/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/kg	290	02/09/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/kg	290	02/09/00	RAN1	79-34-5	
Bromobenzene	ND	ug/kg	290	02/09/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/kg	290	02/09/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/kg	290	02/09/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/kg	290	02/09/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/kg	290	02/09/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/kg	290	02/09/00	RAN1	106-43-4	
tert-Butylbenzene	ND	ug/kg	290	02/09/00	RAN1	98-06-6	
1,2,4-Trimethylbenzene	ND	ug/kg	290	02/09/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/kg	290	02/09/00	RAN1	135-98-8	
p-Isopropyltoluene	ND	ug/kg	290	02/09/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/kg	290	02/09/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	290	02/09/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/kg	290	02/09/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/kg	290	02/09/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/kg	590	02/09/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/kg	290	02/09/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/kg	290	02/09/00	RAN1	87-68-3	
Naphthalene	ND	ug/kg	290	02/09/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/kg	290	02/09/00	RAN1	87-61-6	
M&P-Xylene	ND	ug/kg	590	02/09/00	RAN1	7816-60-0	
O-Xylene (1,2-Dimethylbenzene)	ND	ug/kg	290	02/09/00	RAN1	95-47-6	
Dibromofluoromethane (S)	32	%		02/09/00	RAN1	1868-53-7	
Toluene-d8 (S)	92	%		02/09/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	92	%		02/09/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	34	%		02/09/00	RAN1	17060-07-0	
Date Prepared				02/09/00			

MS Semivolatiles

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No: 101828457
Client Sample ID: S-7 (14-16)

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Soil

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Semivolatile Organics	Method: EPA 8270			Prep Method: EPA 3550 Sonication			
Phenol	ND	ug/kg	380	02/10/00	SGM	108-95-2	
bis(2-Chloroethyl)ether	ND	ug/kg	380	02/10/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/kg	380	02/10/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/kg	380	02/10/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	380	02/10/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/kg	760	02/10/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/kg	380	02/10/00	SGM	95-50-1	
2-Methylphenol	ND	ug/kg	380	02/10/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/kg	380	02/10/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/kg	380	02/10/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/kg	380	02/10/00	SGM	621-64-7	
Hexachloroethane	ND	ug/kg	380	02/10/00	SGM	67-72-1	
Nitrobenzene	ND	ug/kg	380	02/10/00	SGM	98-95-3	
Isophorone	ND	ug/kg	380	02/10/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/kg	380	02/10/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/kg	380	02/10/00	SGM	105-67-9	
Benzoic Acid	ND	ug/kg	2000	02/10/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/kg	380	02/10/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/kg	380	02/10/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/kg	380	02/10/00	SGM	120-82-1	
Naphthalene	ND	ug/kg	380	02/10/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/kg	2000	02/10/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/kg	380	02/10/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/kg	380	02/10/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/kg	380	02/10/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/kg	2000	02/10/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/kg	380	02/10/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/kg	2000	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/kg	380	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/kg	380	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/kg	380	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/kg	380	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/kg	380	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/kg	2000	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/kg	2000	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/kg	380	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/kg	380	02/10/00	SGM	121-14-2	

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

Sample No:	101828457	Date Collected:	01/26/00	Matrix:	Soil
Client Sample ID:	S-7 (14-16)	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Diethylphthalate	ND	ug/kg	380	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/kg	380	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/kg	380	02/10/00	SGM	86-73-7	
4-Nitroaniline	ND	ug/kg	2000	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2000	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/kg	380	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/kg	380	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/kg	380	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/kg	1400	02/10/00	SGM	87-86-5	
Phenanthrene	ND	ug/kg	380	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/kg	380	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/kg	380	02/10/00	SGM	84-74-2	
Fluoranthene	ND	ug/kg	380	02/10/00	SGM	206-44-0	
Pyrene	ND	ug/kg	380	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/kg	380	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/kg	770	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/kg	380	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/kg	380	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/kg	380	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/kg	380	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	380	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/kg	380	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/kg	380	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/kg	380	02/10/00	SGM	191-24-2	
Nitrobenzene-d5 (S)	83	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	80	%		02/10/00	SGM	321-60-8	
Terphenyl-d14 (S)	109	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	88	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	75	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	64	%		02/10/00	SGM	118-79-6	
Date Extracted				02/09/00			
Comments : Analyze 1664 for TRPH only.							

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

PARAMETER FOOTNOTES

ND Not Detected
"C Not Calculable
L Pace Reporting Limit
(S) Surrogate
[1] The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

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QUALITY CONTROL DATA

DATE: 02/14/00
PAGE: 31

SI
55 Canal Road
Mleyview, OH 44125

Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

Batch ID: 41287
Analysis Method:
Associated Pace Samples: 101828390 101828408 101828416 101828424 101828432
101828440 101828457

QC Batch Method:
Analysis Description: Percent Moisture

METHOD BLANK: 101829661
Associated Pace Samples:

	101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method					
		Blank					
Parameter	Units	Result	PRL				Footnotes
Percent Moisture	%	0					

SAMPLE DUPLICATE: 101829679

			Dup.		
Parameter	Units	101829034	Result	RPD	Footnotes
Percent Moisture	%	8.900	11.60	26	

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DATE: 02/14/00
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SI
55 Canal Road
Mleyview, OH 44125

Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

cttn: Mr. Craig Lass
none: 216-447-1335

Batch ID: 41530 QC Batch Method: EPA 1664
Analysis Method: EPA 1664 Analysis Description: Oil & Grease, Hexane, Soil
Associated Pace Samples: 101828390 101828408 101828416 101828424 101828432
 101828440 101828457

THOD BLANK: 101839983
Associated Pace Samples:

	101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method					
		Blank					
Parameter	Units	Result	PRL				
Oil and Grease	mg/kg	ND	1000				

LABORATORY CONTROL SAMPLE & LCSD: 101839991		101840007				Spike		
		Spike	LCS	Spike	LCSD	Dup		
Parameter	Units	Conc.	Result	% Rec	Result	% Rec	RPD	Footnotes
Oil and Grease	mg/kg	40	41.10	103	49.40	124	19	1

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PSI
55 Canal Road
Valleyview, OH 44125

Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

Batch ID: 41710
Analysis Method: EPA 8270
Associated Pace Samples:

QC Batch Method: EPA 3550 Sonication
Analysis Description: Semivolatile Organics
101828390 101828408 101828416 101828424 101828432
101828440 101828457

THOD BLANK: 101848208
Associated Pace Samples:

		101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method Blank						
Parameter	Units	Result	PRL	Footnotes				
Phenol	ug/kg	ND	330					
Bis(2-Chloroethyl)ether	ug/kg	ND	330					
2-Chlorophenol	ug/kg	ND	330					
1,3-Dichlorobenzene	ug/kg	ND	330					
1,4-Dichlorobenzene	ug/kg	ND	330					
Benzyl Alcohol	ug/kg	ND	660					
1,2-Dichlorobenzene	ug/kg	ND	330					
Methylphenol	ug/kg	ND	330					
Bis(2-Chloroisopropyl)ether	ug/kg	ND	330					
Methylphenol	ug/kg	ND	330					
Nitroso-di-n-propylamine	ug/kg	ND	330					
Hexachloroethane	ug/kg	ND	330					
Nitrobenzene	ug/kg	ND	330					
Phosphorone	ug/kg	ND	330					
2-Nitrophenol	ug/kg	ND	330					
1,4-Dimethylphenol	ug/kg	ND	330					
Benzoic Acid	ug/kg	ND	1700					
Bis(2-Chloroethoxy)methane	ug/kg	ND	330					
1,4-Dichlorophenol	ug/kg	ND	330					
1,2,4-Trichlorobenzene	ug/kg	ND	330					
Phthalene	ug/kg	ND	330					
2-Chloroaniline	ug/kg	ND	1700					
Hexachlorobutadiene	ug/kg	ND	330					
2-Chloro-3-methylphenol	ug/kg	ND	330					

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Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

sociated Pace Samples:

101828390	101828408	101828416	101828424	101828432	101828440	101828457
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QUALITY CONTROL DATA

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

THOD BLANK: 101848208

Associated Pace Samples:

	101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method					
Parameter	Units	Blank Result	PRL	Footnotes			
beno(1,2,3-cd)pyrene	ug/kg	ND	330				
benz(a,h)anthracene	ug/kg	ND	330				
benzo(g,h,i)perylene	ug/kg	ND	330				
benzobenzene-d5 (S)	%	78					
fluorobiphenyl (S)	%	82					
phenyl-d14 (S)	%	99					
phenol-d6 (S)	%	88					
fluorophenol (S)	%	73					
4,6-Tribromophenol (S)	%	85					

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101848216

101848224

			Matrix	Matrix	Spike			
			Spike	Spike	Spike	Sp. Dup.	Dup	
Parameter	Units	101828390	Conc.	Result	% Rec	Result	% Rec	RPD
phenol	ug/kg	0	1909	1989	104	1927	100	4
is(2-Chloroethyl)ether	ug/kg	0	1909	908.6	47.6	855.7	44.5	7
chlorophenol	ug/kg	0	1909	1831	95.9	1761	91.6	5
3-Dichlorobenzene	ug/kg	0	1909	1577	82.6	1584	82.4	0
4-Dichlorobenzene	ug/kg	0	1909	1606	84.1	1595	83.0	1
nyl Alcohol	ug/kg	0	1909	2077	109	1826	95.0	14
2-Dichlorobenzene	ug/kg	0	1909	1560	81.7	1574	81.9	0
Methylphenol	ug/kg	0	1909	2405	126	2217	115	9
(2-Chloroisopropyl)ether	ug/kg	0	1909	1713	89.7	1705	88.7	1
Methylphenol	ug/kg	0	1909	2215	116	2115	110	5
Nitroso-di-n-propylamine	ug/kg	0	1909	2088	109	2036	106	3
achloroethane	ug/kg	0	1909	1603	84.0	1604	83.5	1
robenzene	ug/kg	0	1909	1926	101	1879	97.7	3
sophorone	ug/kg	0	1909	1981	104	1907	99.2	5
Nitrophenol	ug/kg	0	1909	1784	93.5	1734	90.2	4
Dimethylphenol	ug/kg	0	1909	1984	104	1713	89.1	15
zoic Acid	ug/kg	0	3818	2663	69.7	2408	62.7	11
is(2-Chloroethoxy)methane	ug/kg	0	1909	1841	96.4	1801	93.7	3
Dichlorophenol	ug/kg	0	1909	1988	104	1896	98.6	5
4-Trichlorobenzene	ug/kg	0	1909	1704	89.3	1652	85.9	4
phthalene	ug/kg	109.1	1909	1830	90.1	1745	85.1	6
Chloroaniline	ug/kg	0	1909	372.2	19.5	353.2	18.4	6
achlorobutadiene	ug/kg	0	1909	1620	84.8	1602	83.4	2

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Pace Project Number: 1029260
 Client Project ID: City of Massillon 137-0E013

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101848216 101848224									
Parameter	Units	101828390	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
Chloro-3-methylphenol	ug/kg	0	1909	2299	120	2196	114	5	
2-Methylnaphthalene	ug/kg	164.7	1909	820.0	34.3	1806	85.4	85	3
Hexachlorocyclopentadiene	ug/kg	0	3818	2594	67.9	2139	55.6	20	3
2,4,6-Trichlorophenol	ug/kg	0	1909	1989	104	1924	100	4	
2,4,5-Trichlorophenol	ug/kg	0	1909	2182	114	2147	112	2	
1-Chloronaphthalene	ug/kg	0	1909	1830	95.8	1820	94.7	1	
Nitroaniline	ug/kg	0	1909	937.3	49.1	921.4	47.9	2	2.2
Dimethylphthalate	ug/kg	0	1909	2112	111	2099	109	1	
Acenaphthylene	ug/kg	0	1909	1877	98.3	1837	95.6	3	
2,6-Dinitrotoluene	ug/kg	0	1909	2148	112	2112	110	2	
Nitroaniline	ug/kg	0	1909	925.7	48.5	817.8	42.6	13	
Acenaphthene	ug/kg	0	1909	1904	99.8	1888	98.2	2	
2,4-Dinitrophenol	ug/kg	0	1909	1250	65.5	852.7	44.4	38	2.3
Nitrophenol	ug/kg	0	1909	2120	111	1895	98.6	12	
Benzofuran	ug/kg	65.08	1909	1786	90.1	1742	87.2	3	
2,4-Dinitrotoluene	ug/kg	0	1909	2155	113	2096	109	3	
Dimethylphthalate	ug/kg	0	1909	2167	114	2086	108	5	
Chlorophenyl-phenylether	ug/kg	0	1909	1980	104	1931	100	3	
Fluorene	ug/kg	0	1909	1996	104	1952	102	3	
Nitroaniline	ug/kg	0	1909	1409	73.8	1325	68.9	7	
2,5-Dinitro-2-methylphenol	ug/kg	0	1909	1599	83.7	1001	52.1	47	3
Nitrosodiphenylamine	ug/kg	0	1909	2083	109	2103	109	0	
Bromophenyl-phenylether	ug/kg	0	1909	1975	103	2036	106	2	
Hexachlorobenzene	ug/kg	0	1909	1896	99.3	1932	100	1	
2-Nitrochlorophenol	ug/kg	0	1909	1690	88.5	1631	84.9	4	
Benanthrene	ug/kg	438.6	1909	2281	96.5	2169	90.0	7	
Chracene	ug/kg	125.1	1909	1881	92.0	1888	91.7	0	
n-Butylphthalate	ug/kg	0	1909	1959	103	2032	106	3	
Fluoranthene	ug/kg	548.2	1909	2040	78.1	1985	74.8	4	
Fluorene	ug/kg	546.5	1909	2523	104	2442	98.6	5	
Benzylbenzylphthalate	ug/kg	0	1909	2203	115	2170	113	2	
2,3'-Dichlorobenzidine	ug/kg	0	1909	651.6	34.1	640.7	33.3	2	2.2
Benzo(a)anthracene	ug/kg	289.2	1909	2197	99.9	2154	97.0	3	
Fluorene	ug/kg	304.4	1909	2172	97.8	2114	94.2	4	
2-(2-Ethylhexyl)phthalate	ug/kg	241.9	1909	2340	110	2568	121	10	
n-Octylphthalate	ug/kg	0	1909	2303	121	2254	117	3	
Benzo(b)fluoranthene	ug/kg	354.8	1909	2328	103	2228	97.5	6	
Benzo(k)fluoranthene	ug/kg	153.2	1909	2225	108	2216	107	1	
Benzo(a)pyrene	ug/kg	262.1	1909	2230	103	2137	97.5	6	
Benzo(1,2,3-cd)pyrene	ug/kg	150.7	1909	1710	81.7	1578	74.3	9	
Benzo(a,h)anthracene	ug/kg	0	1909	1509	79.0	1599	83.2	5	

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QUALITY CONTROL DATA

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 101848216 101848224									
Parameter	Units	101828390	Spike Conc.	Matrix Spike Result	Spike % Rec	Matrix Sp. Dup. Result	Spike Dup % Rec	RPD	Footnotes
benzo(g,h,i)perylene	ug/kg	140.6	1909	1461	69.2	1404	65.7	5	
nitrobenzene-d5 (S)					83		78		
2-Fluorobiphenyl (S)					89		86		
2-phenyl-d14 (S)					105		98		
phenol-d6 (S)					100		96		
2-Fluorophenol (S)					87		83		
4,6-Tribromophenol (S)					106		103		

LABORATORY CONTROL SAMPLE & LCSD: 101848232 101848240									
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes	
phenol	ug/kg	1667	1588	95.3	1450	87.0	9		
1,2-Dichloroethyl ether	ug/kg	1667	935.4	56.1	899.7	54.0	4		
2-Chlorophenol	ug/kg	1667	1511	90.7	1425	85.5	6		
1,3-Dichlorobenzene	ug/kg	1667	1551	93.1	1387	83.2	11		
1,4-Dichlorobenzene	ug/kg	1667	1580	94.8	1406	84.4	12		
benzyl Alcohol	ug/kg	1667	1809	109	1555	93.3	16		
1,2-Dichlorobenzene	ug/kg	1667	1553	93.2	1352	81.1	14		
2-methylphenol	ug/kg	1667	1472	88.3	1386	83.2	6		
1,2-Dichloroisopropyl ether	ug/kg	1667	1603	96.2	1438	86.3	11		
2-Methylphenol	ug/kg	1667	1615	96.9	1531	91.9	5		
nitroso-di-n-propylamine	ug/kg	1667	1722	103	1587	95.2	8		
1,2-dichloroethane	ug/kg	1667	1556	93.4	1393	83.6	11		
nitrobenzene	ug/kg	1667	1664	99.9	1521	91.2	9		
phorone	ug/kg	1667	1735	104	1617	97.0	7		
nitrophenol	ug/kg	1667	1558	93.5	1470	88.2	6		
1,4-Dimethylphenol	ug/kg	1667	1308	78.5	1581	94.9	19		
benzoic Acid	ug/kg	3333	3069	92.1	2840	85.2	8		
1,2-Dichloroethoxy methane	ug/kg	1667	1665	99.9	1500	90.0	10		
1,4-Dichlorophenol	ug/kg	1667	1701	102	1561	93.7	8		
1,2,4-Trichlorobenzene	ug/kg	1667	1601	96.1	1461	87.7	9		
nthalene	ug/kg	1667	1606	96.3	1477	88.6	8		
chloroaniline	ug/kg	1667	620.9	37.3	429.1	25.7	37	2	
1,2-dichlorobutadiene	ug/kg	1667	1621	97.3	1448	86.9	11		
2-chloro-3-methylphenol	ug/kg	1667	1747	105	1653	99.2	6		
1-methylnaphthalene	ug/kg	1667	1496	89.7	1414	84.8	6		
1,2-dichlorocyclopentadiene	ug/kg	3333	3204	96.1	1051	31.5	101	3	
4,6-Trichlorophenol	ug/kg	1667	1697	102	1693	102	0		
1,5-Trichlorophenol	ug/kg	1667	1631	97.9	1592	95.5	2		

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Pace Project Number: 1029260
 Client Project ID: City of Massillon 137-0E013

LABORATORY CONTROL SAMPLE & LCSD: 101848232 101848240		Spike		Spike		Spike		Footnotes
Parameter	Units	Conc.	Result	% Rec	Result	% Rec	RPD	
Chloronaphthalene	ug/kg	1667	1709	103	1591	95.5	8	
2-Nitroaniline	ug/kg	1667	997.3	59.8	667.7	40.1	39	2,3
Dimethylphthalate	ug/kg	1667	1803	108	1744	105	3	
1-Naphthylene	ug/kg	1667	1672	100	1508	90.5	10	
2,6-Dinitrotoluene	ug/kg	1667	1855	111	1800	108	3	
2-Nitroaniline	ug/kg	1667	916.9	55.0	640.6	38.4	36	3
1-Naphthene	ug/kg	1667	1700	102	1643	98.6	3	
4-Dinitrophenol	ug/kg	1667	1632	97.9	1661	99.7	2	
2-Nitrophenol	ug/kg	1667	1889	113	1783	107	5	
2-Benzofuran	ug/kg	1667	1531	91.9	1485	89.1	3	
4-Dinitrotoluene	ug/kg	1667	1860	112	1801	108	4	
Dimethylphthalate	ug/kg	1667	1852	111	1771	106	5	
2-Chlorophenyl-phenylether	ug/kg	1667	1792	108	1680	101	7	
1-Naphthene	ug/kg	1667	1769	106	1673	100	6	
2-Nitroaniline	ug/kg	1667	1238	74.3	1187	71.2	4	
2,6-Dinitro-2-methylphenol	ug/kg	1667	1852	111	1881	113	2	
Nitrosodiphenylamine	ug/kg	1667	1719	103	1711	103	0	
3-Bromophenyl-phenylether	ug/kg	1667	1793	108	1762	106	2	
Hexachlorobenzene	ug/kg	1667	1761	106	1723	103	3	
2,4-Dichlorophenol	ug/kg	1667	1778	107	1890	113	5	
1-Naphthene	ug/kg	1667	1758	105	1741	104	1	
1-Naphthene	ug/kg	1667	1696	102	1708	102	0	
Di-n-butylphthalate	ug/kg	1667	1798	108	1799	108	0	
1-Naphthene	ug/kg	1667	1745	105	1727	104	1	
1-Naphthene	ug/kg	1667	1801	108	1703	102	6	
Diethylbenzylphthalate	ug/kg	1667	1842	110	1812	109	1	
2,3'-Dichlorobenzidine	ug/kg	1667	730.3	43.8	581.5	34.9	23	2,2,3
Benzo(a)anthracene	ug/kg	1667	1795	108	1733	104	4	
1-Naphthene	ug/kg	1667	1769	106	1726	104	2	
Diis(2-Ethylhexyl)phthalate	ug/kg	1667	1892	114	1824	109	4	
Di-n-octylphthalate	ug/kg	1667	1988	119	1951	117	2	
Benzo(b)fluoranthene	ug/kg	1667	1859	112	1820	109	3	
Benzo(k)fluoranthene	ug/kg	1667	1884	113	1792	108	5	
Benzo(a)pyrene	ug/kg	1667	1819	109	1774	106	3	
Benzo(1,2,3-cd)pyrene	ug/kg	1667	1752	105	1711	103	2	
1-Benz(a,h)anthracene	ug/kg	1667	1788	107	1704	102	5	
Benzo(g,h,i)perylene	ug/kg	1667	1753	105	1675	100	5	
1,2-Dibromobenzene-d5 (S)				82		80		
1-Fluorobiphenyl (S)				89		88		
1-Phenyl-d14 (S)				98		99		
1-Naphthene-d6 (S)				91		86		

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

BORATORY CONTROL SAMPLE & LCSD: 101848232 101848240									
Parameter	Units	Spike	LCS	Spike	LCSD	Spike			
		Conc.	Result	% Rec	Result	% Rec	RPD	Footnotes	
Fluorophenol (S)				83		82			
2,4,6-Tribromophenol (S)				108		112			

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SI
55 Canal Road
Willeyview, OH 44125

Pace Project Number: 1029260
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

Batch ID: 41718
Analysis Method: EPA 8260
Associated Pace Samples: 101828390 101828408 101828416 101828424 101828432
101828440 101828457

QC Batch Method: EPA 5030 Medium Soi
Analysis Description: VOCs by 8260 MEOH EXT.

Method Blank: 101848414
Associated Pace Samples:

	101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method Blank					
Parameter	Units	Result	PRL	Footnotes			
Chlorodifluoromethane	ug/kg	ND	500				
Chloromethane	ug/kg	ND	500				
Vinyl Chloride	ug/kg	ND	500				
Bromomethane	ug/kg	ND	500				
Chloroethane	ug/kg	ND	500				
Trichlorofluoromethane	ug/kg	ND	500				
Ethylene Chloride	ug/kg	ND	250				
1,1-Dichloroethene	ug/kg	ND	250				
trans-1,2-Dichloroethene	ug/kg	ND	250				
cis-1,2-Dichloroethene	ug/kg	ND	250				
1,1-Dichloropropane	ug/kg	ND	250				
trans-1,2-Dichloroethene	ug/kg	ND	250				
Chloroform	ug/kg	ND	250				
Bromochloromethane	ug/kg	ND	250				
1,1,1-Trichloroethane	ug/kg	ND	250				
Carbon Tetrachloride	ug/kg	ND	250				
1,2-Dichloropropene	ug/kg	ND	250				
Benzene	ug/kg	ND	250				
trans-1,2-Dichloroethane	ug/kg	ND	250				
1,1-Dichloroethene	ug/kg	ND	250				
1,2-Dichloropropane	ug/kg	ND	250				
Bromodichloromethane	ug/kg	ND	250				
Bromomethane	ug/kg	ND	250				
trans-1,3-Dichloropropene	ug/kg	ND	250				

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Pace Project Number: 1029260
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METHOD BLANK: 101848414
 Associated Pace Samples:

	101828390	101828408	101828416	101828424	101828432	101828440	101828457
		Method Blank					
Parameter	Units	Result	PRL	Footnotes			
luene	ug/kg	ND	250				
s-1,3-Dichloropropene	ug/kg	ND	250				
.1,2-Trichloroethane	ug/kg	ND	250				
trachloroethene	ug/kg	ND	250				
3-Dichloropropane	ug/kg	ND	250				
ibromochloromethane	ug/kg	ND	250				
2-Dibromoethane	ug/kg	ND	250				
orobenzene	ug/kg	ND	250				
.1,1,2-Tetrachloroethane	ug/kg	ND	250				
thylbenzene	ug/kg	ND	250				
ene (Total)	ug/kg	ND	750				
ylene	ug/kg	ND	250				
omoforn	ug/kg	ND	250				
propylbenzene (Cumene)	ug/kg	ND	250				
.2,2-Tetrachloroethane	ug/kg	ND	250				
omobenzene	ug/kg	ND	250				
2,3-Trichloropropane	ug/kg	ND	250				
propylbenzene	ug/kg	ND	250				
chlorotoluene	ug/kg	ND	250				
.3,5-Trimethylbenzene	ug/kg	ND	250				
hlorotoluene	ug/kg	ND	250				
t-Butylbenzene	ug/kg	ND	250				
2,4-Trimethylbenzene	ug/kg	ND	250				
-Butylbenzene	ug/kg	ND	250				
sopropyltoluene	ug/kg	ND	250				
3-Dichlorobenzene	ug/kg	ND	250				
4-Dichlorobenzene	ug/kg	ND	250				
utylbenzene	ug/kg	ND	250				
2-Dichlorobenzene	ug/kg	ND	250				
2-Dibromo-3-Chloropropane	ug/kg	ND	500				
.4-Trichlorobenzene	ug/kg	ND	250				
achlorobutadiene	ug/kg	ND	250				
phthalene	ug/kg	ND	250				
.3-Trichlorobenzene	ug/kg	ND	250				
-Xylene	ug/kg	ND	500				
Xylene (1,2-Dimethylbenzene)	ug/kg	ND	250				
bromofluoromethane (S)	%	86					
uene-d8 (S)	%	87					

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Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

METHOD BLANK: 101848414

Associated Pace Samples:

101828390

101828408

101828416

101828424

101828432

101828440

101828457

Parameter	Units	Method Blank Result	PRL	Footnotes
Bromofluorobenzene (S)	%	85		
1,2-Dichloroethane-d4 (S)	%	86		

LABORATORY CONTROL SAMPLE & LCSD: 101848422 101848430

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Chlorodifluoromethane	ug/kg	1000	604.2	60.4	612.4	61.2	1	
Chloromethane	ug/kg	1000	790.3	79.0	728.5	72.9	8	
Methyl Chloride	ug/kg	1000	353.7	35.4	350.6	35.1	1	4,4
Fluoromethane	ug/kg	1000	165.3	16.5	176.8	17.7	7	4,4
Chloroethane	ug/kg	1000	192.4	19.2	153.1	15.3	23	4,4
Chlorofluoromethane	ug/kg	1000	289.1	28.9	261.9	26.2	10	4,4
Ethylene Chloride	ug/kg	1000	884.4	88.4	848.7	84.9	4	
1,1-Dichloroethene	ug/kg	1000	724.1	72.4	680.7	68.1	6	
trans-1,2-Dichloroethene	ug/kg	1000	832.9	83.3	792.7	79.3	5	
1,2-Dichloroethane	ug/kg	1000	820.5	82.0	777.9	77.8	5	
1,2-Dichloropropane	ug/kg	1000	630.7	63.1	644.3	64.4	2	
cis-1,2-Dichloroethene	ug/kg	1000	925.3	92.5	915.4	91.5	1	
Chloroform	ug/kg	1000	868.2	86.8	896.9	89.7	3	
Bromochloromethane	ug/kg	1000	893.2	89.3	896.0	89.6	0	
1,1,1-Trichloroethane	ug/kg	1000	704.4	70.4	744.6	74.5	6	
Carbon Tetrachloride	ug/kg	1000	515.0	51.5	572.0	57.2	10	4
1,1-Dichloropropene	ug/kg	1000	804.9	80.5	835.6	83.6	4	
Benzene	ug/kg	1000	910.8	91.1	925.8	92.6	2	
1,2-Dichloroethane	ug/kg	1000	856.7	85.7	872.9	87.3	2	
Chloroethene	ug/kg	1000	906.3	90.6	925.8	92.6	2	
1,2-Dichloropropane	ug/kg	1000	907.8	90.8	879.6	88.0	3	
1,1-Dichloromethane	ug/kg	1000	626.8	62.7	656.3	65.6	5	
Fluoromethane	ug/kg	1000	861.8	86.2	878.8	87.9	2	
trans-1,3-Dichloropropene	ug/kg	1000	725.3	72.5	720.6	72.1	1	
Fluorene	ug/kg	1000	930.6	93.1	916.4	91.6	2	
cis-1,3-Dichloropropene	ug/kg	1000	751.3	75.1	770.7	77.1	3	
1,1,2-Trichloroethane	ug/kg	1000	878.0	87.8	905.9	90.6	3	
1,1,2-Trichloroethene	ug/kg	1000	612.2	61.2	596.9	59.7	2	5,5
1,3-Dichloropropane	ug/kg	1000	879.8	88.0	892.4	89.2	1	
Bromochloromethane	ug/kg	1000	490.2	49.0	528.8	52.9	8	4

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Pace Project Number: 1029260
 Client Project ID: City of Massillon 137-0E013

LABORATORY CONTROL SAMPLE & LCSD: 101848422 101848430		Spike		Spike		Spike		Footnotes
Parameter	Units	Conc.	Result	% Rec	Result	% Rec	RPD	
1,2-Dibromoethane	ug/kg	1000	886.6	88.7	908.8	90.9	2	
Chlorobenzene	ug/kg	1000	947.1	94.7	929.0	92.9	2	
1,1,1,2-Tetrachloroethane	ug/kg	1000	677.2	67.7	708.5	70.8	4	
Toluene	ug/kg	1000	936.1	93.6	919.6	92.0	2	
Xylene (Total)	ug/kg	3000	2911	97.0	2856	95.2	2	
Styrene	ug/kg	1000	977.6	97.8	973.8	97.4	0	
Propylene	ug/kg	1000	488.0	48.8	531.2	53.1	8	4
Isopropylbenzene (Cumene)	ug/kg	1000	918.9	91.9	925.7	92.6	1	
1,1,2,2-Tetrachloroethane	ug/kg	1000	754.6	75.5	821.8	82.2	8	
Bromobenzene	ug/kg	1000	924.3	92.4	924.6	92.5	0	
1,2,3-Trichloropropane	ug/kg	1000	869.3	86.9	892.1	89.2	3	
n-Propylbenzene	ug/kg	1000	922.7	92.3	909.4	90.9	2	
p-Chlorotoluene	ug/kg	1000	883.8	88.4	950.6	95.1	7	
1,3,5-Trimethylbenzene	ug/kg	1000	919.5	92.0	930.1	93.0	1	
Chlorotoluene	ug/kg	1000	908.8	90.9	914.1	91.4	1	
tert-Butylbenzene	ug/kg	1000	908.6	90.9	897.4	89.7	1	
1,2,4-Trimethylbenzene	ug/kg	1000	939.5	93.9	944.3	94.4	1	
n-Butylbenzene	ug/kg	1000	895.5	89.5	898.1	89.8	0	
Isopropyltoluene	ug/kg	1000	918.0	91.8	921.4	92.1	0	
1,3-Dichlorobenzene	ug/kg	1000	920.2	92.0	921.1	92.1	0	
1,4-Dichlorobenzene	ug/kg	1000	916.8	91.7	921.6	92.2	1	
n-Butylbenzene	ug/kg	1000	860.0	86.0	875.3	87.5	2	
1,2-Dichlorobenzene	ug/kg	1000	917.1	91.7	930.6	93.1	2	
1,1-Dibromo-3-Chloropropane	ug/kg	1000	1033	103	1275	127	21	
1,4-Trichlorobenzene	ug/kg	1000	871.3	87.1	948.5	94.9	9	
Hexachlorobutadiene	ug/kg	1000	756.9	75.7	783.9	78.4	4	
Naphthalene	ug/kg	1000	915.3	91.5	1069	107	16	
1,3-Trichlorobenzene	ug/kg	1000	860.7	86.1	1019	102	17	
p-Xylene				97		96		
Xylene (1,2-Dimethylbenzene)				97		95		
Bromofluoromethane (S)				87		88		
Xylene-d8 (S)				95		93		
Bromofluorobenzene (S)				92		90		
1,2-Dichloroethane-d4 (S)				89		89		

REPORT OF LABORATORY ANALYSIS

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Fax: 612.607.6444

DATE: 02/14/00

PAGE: 44

Pace Project Number: 1029260

Client Project ID: City of Massillon 137-0E013

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ID Not Detected

Not Calculable

RL Pace Reporting Limit

RPD Relative Percent Difference

) Surrogate

] The LCSD was outside the control limits of 80-120% at 124%.

2] The surrogate and/or spike recovery was outside acceptance limits.

3] The calculated RPD was outside QC acceptance limits.

] Spiked sample recovery is not within control limits.

5] The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

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451499

Section C

Section B

Section A

Required Client Information:		Required Client Information:		Required Client Information:	
Company: PST Environmental		Report To: Craig Lass		Client Information (Check quote/contract):	
Address: 5555 Canal Road		Invoice To: Same		Requested Due Date: *TAT: Standard	
Valleyview, OH 44125		P.O.		* Under 14 day turnaround subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.	
Project Name: City of Massillon		Project Number: 137-DE013		Turn Around Time (TAT) in calendar days.	
Phone: 216 447 1335		Fax: 216 642 7008			
Section D		Section D		Section D	
Required Client Information:		Required Client Information:		Required Client Information:	
SAMPLE ID		SAMPLE ID		SAMPLE ID	
One character per box. (A-Z, 0-9, /, -)		One character per box. (A-Z, 0-9, /, -)		One character per box. (A-Z, 0-9, /, -)	
Sample IDs MUST BE UNIQUE		Sample IDs MUST BE UNIQUE		Sample IDs MUST BE UNIQUE	
Valid Matrix Codes		Valid Matrix Codes		Valid Matrix Codes	
MATRIX: WATER, SOIL, OIL, WIPE, AIR, TISSUE, OTHER		MATRIX: WATER, SOIL, OIL, WIPE, AIR, TISSUE, OTHER		MATRIX: WATER, SOIL, OIL, WIPE, AIR, TISSUE, OTHER	
CODE: WT, SL, OL, WP, AR, TS, OT		CODE: WT, SL, OL, WP, AR, TS, OT		CODE: WT, SL, OL, WP, AR, TS, OT	
DATE COLLECTED: dd / mm / yy		DATE COLLECTED: dd / mm / yy		DATE COLLECTED: dd / mm / yy	
TIME COLLECTED: mm:hh a/m		TIME COLLECTED: mm:hh a/m		TIME COLLECTED: mm:hh a/m	
# Containers		# Containers		# Containers	
Preservatives: Unpreserved, H ₂ SO ₄ , HNO ₃ , HCl, NaOH, Na ₂ S ₂ O ₃		Preservatives: Unpreserved, H ₂ SO ₄ , HNO ₃ , HCl, NaOH, Na ₂ S ₂ O ₃		Preservatives: Unpreserved, H ₂ SO ₄ , HNO ₃ , HCl, NaOH, Na ₂ S ₂ O ₃	
Remarks / Lab ID		Remarks / Lab ID		Remarks / Lab ID	
1 5-1(8-10)		1 5-1(8-10)		1 5-1(8-10)	
2 5-2(10-12)		2 5-2(10-12)		2 5-2(10-12)	
3 5-3(10-12)		3 5-3(10-12)		3 5-3(10-12)	
4 5-4(2'-4')		4 5-4(2'-4')		4 5-4(2'-4')	
5 5-5(10-8)		5 5-5(10-8)		5 5-5(10-8)	
6 5-6(10-18)		6 5-6(10-18)		6 5-6(10-18)	
7 5-7(14-16)		7 5-7(14-16)		7 5-7(14-16)	
8		8		8	
9		9		9	
10		10		10	
11		11		11	
12		12		12	
Sample Condition		Sample Condition		Sample Condition	
Temp in °C: 2		Temp in °C: 2		Temp in °C: 2	
Received on ICE: (Y) / N		Received on ICE: (Y) / N		Received on ICE: (Y) / N	
Sealed Cooler: (Y) / N		Sealed Cooler: (Y) / N		Sealed Cooler: (Y) / N	
Samples Intact: (Y) / N		Samples Intact: (Y) / N		Samples Intact: (Y) / N	
Additional Comments:		Additional Comments:		Additional Comments:	

SAMPLER NAME AND SIGNATURE		SAMPLER NAME AND SIGNATURE		SAMPLER NAME AND SIGNATURE	
PRINT NAME of SAMPLER: Craig Lass		PRINT NAME of SAMPLER: Craig Lass		PRINT NAME of SAMPLER: Craig Lass	
SIGNATURE of SAMPLER: [Signature]		SIGNATURE of SAMPLER: [Signature]		SIGNATURE of SAMPLER: [Signature]	
DATE Signed: (MM / DD / YY) 1-27-00		DATE Signed: (MM / DD / YY) 1-27-00		DATE Signed: (MM / DD / YY) 1-27-00	
Pace Analytical Services, Inc.		Pace Analytical Services, Inc.		Pace Analytical Services, Inc.	
Form COC01.XLS 08/98		Form COC01.XLS 08/98		Form COC01.XLS 08/98	

SEE REVERSE SIDE FOR INSTRUCTIONS



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Fax: 612.607.6444

DATE: 02/11/00
PAGE: 1

PSI
555 Canal Road
Valleyview, OH 44125

Pace Project Number: 1029259
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

Solid results are reported on a dry weight basis

Pace Sample No:	101828275	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-1	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
------------	---------	-------	-----	----------	---------	------	-----------

GC/MS Volatiles

8260 Low Level H2O							
Dichlorodifluoromethane	ND	ug/l	1	02/06/00	RAN1	75-71-8	
Chloromethane	ND	ug/l	1	02/06/00	RAN1	74-87-3	
Vinyl Chloride	ND	ug/l	1	02/06/00	RAN1	75-01-4	
Bromomethane	ND	ug/l	1	02/06/00	RAN1	74-83-9	
Chloroethane	ND	ug/l	1	02/06/00	RAN1	75-00-3	
Trichlorofluoromethane	ND	ug/l	1	02/06/00	RAN1	75-69-4	
Methylene Chloride	ND	ug/l	1	02/06/00	RAN1	75-09-2	
1,1-Dichloroethene	ND	ug/l	1	02/06/00	RAN1	75-35-4	
trans-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1	156-60-5	
1,1-Dichloroethane	ND	ug/l	1	02/06/00	RAN1	75-34-3	
2,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1	594-20-7	
cis-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1	156-59-2	
Chloroform	ND	ug/l	1	02/06/00	RAN1	67-66-3	
1,1,1-Trichloroethane	ND	ug/l	1	02/06/00	RAN1	71-55-6	
Carbon Tetrachloride	ND	ug/l	1	02/06/00	RAN1	56-23-5	
1,1-Dichloropropene	ND	ug/l	1	02/06/00	RAN1	563-58-6	
Benzene	ND	ug/l	1	02/06/00	RAN1	71-43-2	
1,2-Dichloroethane	ND	ug/l	1	02/06/00	RAN1	107-06-2	
Trichloroethene	ND	ug/l	1	02/06/00	RAN1	79-01-6	
1,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1	78-87-5	
Bromodichloromethane	ND	ug/l	1	02/06/00	RAN1	75-27-4	
Dibromomethane	ND	ug/l	1	02/06/00	RAN1	74-95-3	
trans-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1	10061-02-6	
Toluene	ND	ug/l	1	02/06/00	RAN1	108-88-3	
cis-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1	10061-01-5	
1,1,2-Trichloroethane	ND	ug/l	1	02/06/00	RAN1	79-00-5	

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PAGE: 2

Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828275
Client Sample ID: GW-1

Date Collected: 01/26/00

Matrix: Water

Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
Tetrachloroethene	ND	ug/l	1	02/06/00	RAN1	127-18-4	
1,3-Dichloropropane	ND	ug/l	1	02/06/00	RAN1	142-28-9	
Dibromochloromethane	ND	ug/l	1	02/06/00	RAN1	124-48-1	
1,2-Dibromoethane	ND	ug/l	1	02/06/00	RAN1	106-93-4	
Chlorobenzene	ND	ug/l	1	02/06/00	RAN1	108-90-7	
1,1,1,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/l	1	02/06/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/l	3	02/06/00	RAN1	1330-20-7	
Styrene	ND	ug/l	1	02/06/00	RAN1	100-42-5	
Bromoform	ND	ug/l	1	02/06/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/l	1	02/06/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	79-34-5	
Bromobenzene	ND	ug/l	1	02/06/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/l	1	02/06/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/l	1	02/06/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	135-98-8	
tert-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	98-06-6	
p-Isopropyltoluene	ND	ug/l	1	02/06/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/l	2	02/06/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/l	1	02/06/00	RAN1	87-68-3	
Naphthalene	ND	ug/l	1	02/06/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	87-61-6	
Allyl chloride	ND	ug/l	10	02/06/00	RAN1	107-05-1	
Acrolein	ND	ug/l	10	02/06/00	RAN1	107-02-8	
Acrylonitrile	ND	ug/l	10	02/06/00	RAN1	107-13-1	
Bromochloromethane	ND	ug/l	1	02/06/00	RAN1	74-97-5	
Chloroprene	ND	ug/l	1	02/06/00	RAN1	126-99-8	
Dibromofluoromethane (S)	87	%		02/06/00	RAN1	1868-53-7	
Toluene-d8 (S)	93	%		02/06/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	92	%		02/06/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	79	%		02/06/00	RAN1	17060-07-0	

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PAGE: 3

Pace Project Number: 1029259
Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828283	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-2	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Wet Chemistry

1664 TPH, Hexane Oil and Grease	ND	Method: EPA 1664 mg/l	5.4	02/07/00	Prep Method: EPA 1664 JMZ
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C/MS Volatiles

8260 Low Level H2O		Method: EPA 8260			Prep Method: EPA 8260
Dichlorodifluoromethane	ND	ug/l	1	02/06/00	RAN1 75-71-8
Chloromethane	ND	ug/l	1	02/06/00	RAN1 74-87-3
Vinyl Chloride	ND	ug/l	1	02/06/00	RAN1 75-01-4
Bromomethane	ND	ug/l	1	02/06/00	RAN1 74-83-9
Chloroethane	ND	ug/l	1	02/06/00	RAN1 75-00-3
Trichlorofluoromethane	ND	ug/l	1	02/06/00	RAN1 75-69-4
Methylene Chloride	ND	ug/l	1	02/06/00	RAN1 75-09-2
1,1-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 75-35-4
trans-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 156-60-5
1,1-Dichloroethane	ND	ug/l	1	02/06/00	RAN1 75-34-3
2,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 594-20-7
cis-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 156-59-2
Chloroform	ND	ug/l	1	02/06/00	RAN1 67-66-3
1,1,1-Trichloroethane	ND	ug/l	1	02/06/00	RAN1 71-55-6
Carbon Tetrachloride	ND	ug/l	1	02/06/00	RAN1 56-23-5
1,1-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 563-58-6
Benzene	ND	ug/l	1	02/06/00	RAN1 71-43-2
1,2-Dichloroethane	ND	ug/l	1	02/06/00	RAN1 107-06-2
Trichloroethene	ND	ug/l	1	02/06/00	RAN1 79-01-6
1,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 78-87-5
Bromodichloromethane	ND	ug/l	1	02/06/00	RAN1 75-27-4
Dibromomethane	ND	ug/l	1	02/06/00	RAN1 74-95-3
trans-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 10061-02-6
Toluene	ND	ug/l	1	02/06/00	RAN1 108-88-3
cis-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 10061-01-5
1,1,2-Trichloroethane	ND	ug/l	1	02/06/00	RAN1 79-00-5
Tetrachloroethene	ND	ug/l	1	02/06/00	RAN1 127-18-4
1,3-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 142-28-9
Dibromochloromethane	ND	ug/l	1	02/06/00	RAN1 124-48-1
1,2-Dibromoethane	ND	ug/l	1	02/06/00	RAN1 106-93-4
Chlorobenzene	ND	ug/l	1	02/06/00	RAN1 108-90-7

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PAGE: 4

Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828283
Client Sample ID: GW-2

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,1,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/l	1	02/06/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/l	3	02/06/00	RAN1	1330-20-7	
Styrene	ND	ug/l	1	02/06/00	RAN1	100-42-5	
Bromoform	ND	ug/l	1	02/06/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/l	1	02/06/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	79-34-5	
Bromobenzene	ND	ug/l	1	02/06/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/l	1	02/06/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/l	1	02/06/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	135-98-8	
tert-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	98-06-6	
p-Isopropyltoluene	ND	ug/l	1	02/06/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/l	2	02/06/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/l	1	02/06/00	RAN1	87-68-3	
Naphthalene	ND	ug/l	1	02/06/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	87-61-6	
Allyl chloride	ND	ug/l	10	02/06/00	RAN1	107-05-1	
Acrolein	ND	ug/l	10	02/06/00	RAN1	107-02-8	
Acrylonitrile	ND	ug/l	10	02/06/00	RAN1	107-13-1	
Bromochloromethane	ND	ug/l	1	02/06/00	RAN1	74-97-5	
Chloroprene	ND	ug/l	1	02/06/00	RAN1	126-99-8	
Dibromofluoromethane (S)	95	%		02/06/00	RAN1	1868-53-7	
Toluene-d8 (S)	100	%		02/06/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	101	%		02/06/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%		02/06/00	RAN1	17060-07-0	

/MS Semivolatiles

Semivolatile Organics

Phenol

ND

Method: EPA 8270

ug/l

11

Prep Method: EPA 3520

02/07/00

SGM

108-95-2

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828283	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-2	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
bis(2-Chloroethyl)ether	ND	ug/l	11	02/07/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/l	11	02/07/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/l	11	02/07/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	95-50-1	
2-Methylphenol	ND	ug/l	11	02/07/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/l	11	02/07/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/l	11	02/07/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/l	11	02/07/00	SGM	621-64-7	
Nitrobenzene	ND	ug/l	11	02/07/00	SGM	98-95-3	
Isophorone	ND	ug/l	11	02/07/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/l	11	02/07/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/l	11	02/07/00	SGM	105-67-9	
Benzoic Acid	ND	ug/l	54	02/07/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/l	11	02/07/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/l	11	02/07/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/l	11	02/07/00	SGM	120-82-1	
Naphthalene	ND	ug/l	11	02/07/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/l	54	02/07/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/l	11	02/07/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/l	11	02/07/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/l	11	02/07/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/l	54	02/07/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/l	11	02/07/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/l	54	02/07/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/l	11	02/07/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/l	54	02/07/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/l	11	02/07/00	SGM	131-11-3	
Acenaphthylene	ND	ug/l	11	02/07/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/l	11	02/07/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/l	54	02/07/00	SGM	99-09-2	
Acenaphthene	ND	ug/l	11	02/07/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/l	54	02/07/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/l	54	02/07/00	SGM	100-02-7	
Dibenzofuran	ND	ug/l	11	02/07/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/l	11	02/07/00	SGM	121-14-2	
Diethylphthalate	ND	ug/l	11	02/07/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/l	11	02/07/00	SGM	7005-72-3	
Fluorene	ND	ug/l	11	02/07/00	SGM	86-73-7	

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828283
Client Sample ID: GW-2

Date Collected: 01/26/00

Matrix: Water

Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitroaniline	ND	ug/l	54	02/07/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/l	54	02/07/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/l	11	02/07/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/l	11	02/07/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/l	11	02/07/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/l	25	02/07/00	SGM	87-86-5	
Phenanthrene	ND	ug/l	11	02/07/00	SGM	85-01-8	
Anthracene	ND	ug/l	11	02/07/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/l	11	02/07/00	SGM	84-74-2	
Fluoranthene	ND	ug/l	11	02/07/00	SGM	206-44-0	
Pyrene	ND	ug/l	11	02/07/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/l	11	02/07/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/l	22	02/07/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/l	11	02/07/00	SGM	56-55-3	
Chrysene	ND	ug/l	11	02/07/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/l	11	02/07/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/l	11	02/07/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/l	11	02/07/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/l	11	02/07/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/l	11	02/07/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/l	11	02/07/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/l	11	02/07/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/l	11	02/07/00	SGM	191-24-2	
Hexachloroethane	ND	ug/l	11	02/07/00	SGM	67-72-1	
Nitrobenzene-d5 (S)	70	%		02/07/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	76	%		02/07/00	SGM	321-60-8	
Terphenyl-d14 (S)	89	%		02/07/00	SGM	1718-51-0	
Phenol-d6 (S)	68	%		02/07/00	SGM	13127-88-3	
2-Fluorophenol (S)	62	%		02/07/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	90	%		02/07/00	SGM	118-79-6	
Date Extracted				01/31/00			

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828291	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-3	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Wet Chemistry

1664 TPH, Hexane	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/l 5.4	02/07/00 JMZ

C/MS Volatiles

8260 Low Level H2O	Method: EPA 8260	Prep Method: EPA 8260
Dichlorodifluoromethane	ND ug/l 1	02/06/00 RAN1 75-71-8
Chloromethane	ND ug/l 1	02/06/00 RAN1 74-87-3
Vinyl Chloride	ND ug/l 1	02/06/00 RAN1 75-01-4
Bromomethane	ND ug/l 1	02/06/00 RAN1 74-83-9
Chloroethane	ND ug/l 1	02/06/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/l 1	02/06/00 RAN1 75-69-4
Methylene Chloride	ND ug/l 1	02/06/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/l 1	02/06/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/l 1	02/06/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/l 1	02/06/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/l 1	02/06/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/l 1	02/06/00 RAN1 156-59-2
Chloroform	ND ug/l 1	02/06/00 RAN1 67-66-3
1,1,1-Trichloroethane	ND ug/l 1	02/06/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/l 1	02/06/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/l 1	02/06/00 RAN1 563-58-6
Benzene	ND ug/l 1	02/06/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/l 1	02/06/00 RAN1 107-06-2
Trichloroethene	ND ug/l 1	02/06/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/l 1	02/06/00 RAN1 78-87-5
Bromodichloromethane	ND ug/l 1	02/06/00 RAN1 75-27-4
Dibromomethane	ND ug/l 1	02/06/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/l 1	02/06/00 RAN1 10061-02-6
Toluene	ND ug/l 1	02/06/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/l 1	02/06/00 RAN1 10061-01-5
1,1,2-Trichloroethane	ND ug/l 1	02/06/00 RAN1 79-00-5
Tetrachloroethene	ND ug/l 1	02/06/00 RAN1 127-18-4
1,3-Dichloropropane	ND ug/l 1	02/06/00 RAN1 142-28-9
Dibromochloromethane	ND ug/l 1	02/06/00 RAN1 124-48-1
1,2-Dibromoethane	ND ug/l 1	02/06/00 RAN1 106-93-4
Chlorobenzene	ND ug/l 1	02/06/00 RAN1 108-90-7

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828291 Date Collected: 01/26/00 Matrix: Water
Client Sample ID: GW-3 Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,1,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/l	1	02/06/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/l	3	02/06/00	RAN1	1330-20-7	
Styrene	ND	ug/l	1	02/06/00	RAN1	100-42-5	
Bromoform	ND	ug/l	1	02/06/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/l	1	02/06/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	79-34-5	
Bromobenzene	ND	ug/l	1	02/06/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/l	1	02/06/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/l	1	02/06/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	135-98-8	
tert-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	98-06-6	
p-Isopropyltoluene	ND	ug/l	1	02/06/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/l	2	02/06/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/l	1	02/06/00	RAN1	87-68-3	
Naphthalene	ND	ug/l	1	02/06/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	87-61-6	
Allyl chloride	ND	ug/l	10	02/06/00	RAN1	107-05-1	
Acrolein	ND	ug/l	10	02/06/00	RAN1	107-02-8	
Acrylonitrile	ND	ug/l	10	02/06/00	RAN1	107-13-1	
Bromochloromethane	ND	ug/l	1	02/06/00	RAN1	74-97-5	
Chloroprene	ND	ug/l	1	02/06/00	RAN1	126-99-8	
Dibromofluoromethane (S)	86	%		02/06/00	RAN1	1868-53-7	
Toluene-d8 (S)	91	%		02/06/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	93	%		02/06/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	80	%		02/06/00	RAN1	17060-07-0	

/MS Semivolatiles

Semivolatile Organics

Phenol ND

Method: EPA 8270

ug/l 11

Prep Method: EPA 3520

02/07/00 SGM 108-95-2

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828291
Client Sample ID: GW-3

Date Collected: 01/26/00

Matrix: Water

Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
bis(2-Chloroethyl)ether	ND	ug/l	11	02/07/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/l	11	02/07/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/l	11	02/07/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/l	11	02/07/00	SGM	95-50-1	
2-Methylphenol	ND	ug/l	11	02/07/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/l	11	02/07/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/l	11	02/07/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/l	11	02/07/00	SGM	621-64-7	
Nitrobenzene	ND	ug/l	11	02/07/00	SGM	98-95-3	
Isophorone	ND	ug/l	11	02/07/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/l	11	02/07/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/l	11	02/07/00	SGM	105-67-9	
Benzoic Acid	ND	ug/l	54	02/07/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/l	11	02/07/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/l	11	02/07/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/l	11	02/07/00	SGM	120-82-1	
Naphthalene	ND	ug/l	11	02/07/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/l	54	02/07/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/l	11	02/07/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/l	11	02/07/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/l	11	02/07/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/l	54	02/07/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/l	11	02/07/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/l	54	02/07/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/l	11	02/07/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/l	54	02/07/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/l	11	02/07/00	SGM	131-11-3	
Acenaphthylene	ND	ug/l	11	02/07/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/l	11	02/07/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/l	54	02/07/00	SGM	99-09-2	
Acenaphthene	ND	ug/l	11	02/07/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/l	54	02/07/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/l	54	02/07/00	SGM	100-02-7	
Dibenzofuran	ND	ug/l	11	02/07/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/l	11	02/07/00	SGM	121-14-2	
Diethylphthalate	ND	ug/l	11	02/07/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/l	11	02/07/00	SGM	7005-72-3	
Fluorene	ND	ug/l	11	02/07/00	SGM	86-73-7	

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828291
Client Sample ID: GW-3

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitroaniline	ND	ug/l	54	02/07/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/l	54	02/07/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/l	11	02/07/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/l	11	02/07/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/l	11	02/07/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/l	25	02/07/00	SGM	87-86-5	
Phenanthrene	ND	ug/l	11	02/07/00	SGM	85-01-8	
Anthracene	ND	ug/l	11	02/07/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/l	11	02/07/00	SGM	84-74-2	
Fluoranthene	ND	ug/l	11	02/07/00	SGM	206-44-0	
Pyrene	ND	ug/l	11	02/07/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/l	11	02/07/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/l	22	02/07/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/l	11	02/07/00	SGM	56-55-3	
Chrysene	ND	ug/l	11	02/07/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/l	11	02/07/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/l	11	02/07/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/l	11	02/07/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/l	11	02/07/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/l	11	02/07/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/l	11	02/07/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/l	11	02/07/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/l	11	02/07/00	SGM	191-24-2	
Hexachloroethane	ND	ug/l	11	02/07/00	SGM	67-72-1	
Nitrobenzene-d5 (S)	64	%		02/07/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	62	%		02/07/00	SGM	321-60-8	
Terphenyl-d14 (S)	97	%		02/07/00	SGM	1718-51-0	
Phenol-d6 (S)	64	%		02/07/00	SGM	13127-88-3	
2-Fluorophenol (S)	56	%		02/07/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	86	%		02/07/00	SGM	118-79-6	
Date Extracted				01/31/00			

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Pace Project Number: 1029259
Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828309	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-4	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Wet Chemistry

1664 TPH, Hexane	Method: EPA 1664	Prep Method: EPA 1664
Oil and Grease	ND mg/l 5.3	02/07/00 JMZ

GC/MS Volatiles

8260 Low Level H2O	Method: EPA 8260	Prep Method: EPA 8260
Dichlorodifluoromethane	ND ug/l 1	02/06/00 RAN1 75-71-8
Chloromethane	ND ug/l 1	02/06/00 RAN1 74-87-3
Vinyl Chloride	ND ug/l 1	02/06/00 RAN1 75-01-4
Bromomethane	ND ug/l 1	02/06/00 RAN1 74-83-9
Chloroethane	ND ug/l 1	02/06/00 RAN1 75-00-3
Trichlorofluoromethane	ND ug/l 1	02/06/00 RAN1 75-69-4
Methylene Chloride	ND ug/l 1	02/06/00 RAN1 75-09-2
1,1-Dichloroethene	ND ug/l 1	02/06/00 RAN1 75-35-4
trans-1,2-Dichloroethene	ND ug/l 1	02/06/00 RAN1 156-60-5
1,1-Dichloroethane	ND ug/l 1	02/06/00 RAN1 75-34-3
2,2-Dichloropropane	ND ug/l 1	02/06/00 RAN1 594-20-7
cis-1,2-Dichloroethene	ND ug/l 1	02/06/00 RAN1 156-59-2
Chloroform	ND ug/l 1	02/06/00 RAN1 67-66-3
1,1,1-Trichloroethane	ND ug/l 1	02/06/00 RAN1 71-55-6
Carbon Tetrachloride	ND ug/l 1	02/06/00 RAN1 56-23-5
1,1-Dichloropropene	ND ug/l 1	02/06/00 RAN1 563-58-6
Benzene	ND ug/l 1	02/06/00 RAN1 71-43-2
1,2-Dichloroethane	ND ug/l 1	02/06/00 RAN1 107-06-2
Trichloroethene	ND ug/l 1	02/06/00 RAN1 79-01-6
1,2-Dichloropropane	ND ug/l 1	02/06/00 RAN1 78-87-5
Bromodichloromethane	ND ug/l 1	02/06/00 RAN1 75-27-4
Dibromomethane	ND ug/l 1	02/06/00 RAN1 74-95-3
trans-1,3-Dichloropropene	ND ug/l 1	02/06/00 RAN1 10061-02-6
Toluene	ND ug/l 1	02/06/00 RAN1 108-88-3
cis-1,3-Dichloropropene	ND ug/l 1	02/06/00 RAN1 10061-01-5
1,1,2-Trichloroethane	ND ug/l 1	02/06/00 RAN1 79-00-5
Tetrachloroethene	ND ug/l 1	02/06/00 RAN1 127-18-4
1,3-Dichloropropane	ND ug/l 1	02/06/00 RAN1 142-28-9
Dibromochloromethane	ND ug/l 1	02/06/00 RAN1 124-48-1
1,2-Dibromoethane	ND ug/l 1	02/06/00 RAN1 106-93-4
Chlorobenzene	ND ug/l 1	02/06/00 RAN1 108-90-7

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828309
Client Sample ID: GW-4

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,1,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/l	1	02/06/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/l	3	02/06/00	RAN1	1330-20-7	
Styrene	ND	ug/l	1	02/06/00	RAN1	100-42-5	
Bromoform	ND	ug/l	1	02/06/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/l	1	02/06/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	79-34-5	
Bromobenzene	ND	ug/l	1	02/06/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/l	1	02/06/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/l	1	02/06/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	135-98-8	
tert-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	98-06-6	
p-Isopropyltoluene	ND	ug/l	1	02/06/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/l	2	02/06/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/l	1	02/06/00	RAN1	87-68-3	
Naphthalene	ND	ug/l	1	02/06/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	87-61-6	
Allyl chloride	ND	ug/l	10	02/06/00	RAN1	107-05-1	
Acrolein	ND	ug/l	10	02/06/00	RAN1	107-02-8	
Acrylonitrile	ND	ug/l	10	02/06/00	RAN1	107-13-1	
Bromochloromethane	ND	ug/l	1	02/06/00	RAN1	74-97-5	
Chloroprene	ND	ug/l	1	02/06/00	RAN1	126-99-8	
Dibromofluoromethane (S)	95	%		02/06/00	RAN1	1868-53-7	
Toluene-d8 (S)	98	%		02/06/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	96	%		02/06/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%		02/06/00	RAN1	17060-07-0	

C/MS Semivolatiles

Semivolatile Organics

Method: EPA 8270

Prep Method: EPA 3520

Phenol ND

ug/l 11

02/10/00 SGM 108-95-2

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828309
Client Sample ID: GW-4

Date Collected: 01/26/00

Matrix: Water

Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
bis(2-Chloroethyl)ether	ND	ug/l	11	02/10/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/l	11	02/10/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/l	11	02/10/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	95-50-1	
2-Methylphenol	ND	ug/l	11	02/10/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/l	11	02/10/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/l	11	02/10/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/l	11	02/10/00	SGM	621-64-7	
Nitrobenzene	ND	ug/l	11	02/10/00	SGM	98-95-3	
Isophorone	ND	ug/l	11	02/10/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/l	11	02/10/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/l	11	02/10/00	SGM	105-67-9	
Benzoic Acid	ND	ug/l	57	02/10/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/l	11	02/10/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/l	11	02/10/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/l	11	02/10/00	SGM	120-82-1	
Naphthalene	ND	ug/l	11	02/10/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/l	57	02/10/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/l	11	02/10/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/l	11	02/10/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/l	11	02/10/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/l	57	02/10/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/l	11	02/10/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/l	57	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/l	11	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/l	57	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/l	11	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/l	11	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/l	11	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/l	57	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/l	11	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/l	57	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/l	57	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/l	11	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/l	11	02/10/00	SGM	121-14-2	
Diethylphthalate	ND	ug/l	11	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/l	11	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/l	11	02/10/00	SGM	86-73-7	

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828309
Client Sample ID: GW-4

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitroaniline	ND	ug/l	57	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/l	57	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/l	11	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/l	11	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/l	11	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/l	26	02/10/00	SGM	87-86-5	
Phenanthrene	ND	ug/l	11	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/l	11	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/l	11	02/10/00	SGM	84-74-2	
Fluoranthene	ND	ug/l	11	02/10/00	SGM	206-44-0	
Pyrene	ND	ug/l	11	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/l	11	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/l	23	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/l	11	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/l	11	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/l	11	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/l	11	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/l	11	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/l	11	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/l	11	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/l	11	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/l	11	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/l	11	02/10/00	SGM	191-24-2	
Hexachloroethane	ND	ug/l	11	02/10/00	SGM	67-72-1	
Nitrobenzene-d5 (S)	65	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	58	%		02/10/00	SGM	321-60-8	
Terphenyl-d14 (S)	105	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	63	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	56	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	76	%		02/10/00	SGM	118-79-6	
Date Extracted				01/31/00			

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No:	101828317	Date Collected:	01/26/00	Matrix:	Water
Client Sample ID:	GW-7	Date Received:	01/28/00		

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
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Wet Chemistry

1664 TPH, Hexane	Method: EPA 1664				Prep Method: EPA 1664
Oil and Grease	ND	mg/l	5.4	02/07/00	JMZ

GC/MS Volatiles

8260 Low Level H2O	Method: EPA 8260				Prep Method: EPA 8260
Dichlorodifluoromethane	ND	ug/l	1	02/06/00	RAN1 75-71-8
Chloromethane	ND	ug/l	1	02/06/00	RAN1 74-87-3
Vinyl Chloride	ND	ug/l	1	02/06/00	RAN1 75-01-4
Bromomethane	ND	ug/l	1	02/06/00	RAN1 74-83-9
Chloroethane	ND	ug/l	1	02/06/00	RAN1 75-00-3
Trichlorofluoromethane	ND	ug/l	1	02/06/00	RAN1 75-69-4
Methylene Chloride	ND	ug/l	1	02/06/00	RAN1 75-09-2
1,1-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 75-35-4
trans-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 156-60-5
1,1-Dichloroethane	ND	ug/l	1	02/06/00	RAN1 75-34-3
2,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 594-20-7
cis-1,2-Dichloroethene	ND	ug/l	1	02/06/00	RAN1 156-59-2
Chloroform	ND	ug/l	1	02/06/00	RAN1 67-66-3
1,1,1-Trichloroethane	ND	ug/l	1	02/06/00	RAN1 71-55-6
Carbon Tetrachloride	ND	ug/l	1	02/06/00	RAN1 56-23-5
1,1-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 563-58-6
Benzene	ND	ug/l	1	02/06/00	RAN1 71-43-2
1,2-Dichloroethane	ND	ug/l	1	02/06/00	RAN1 107-06-2
Trichloroethene	ND	ug/l	1	02/06/00	RAN1 79-01-6
1,2-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 78-87-5
Bromodichloromethane	ND	ug/l	1	02/06/00	RAN1 75-27-4
Dibromomethane	ND	ug/l	1	02/06/00	RAN1 74-95-3
trans-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 10061-02-6
Toluene	ND	ug/l	1	02/06/00	RAN1 108-88-3
cis-1,3-Dichloropropene	ND	ug/l	1	02/06/00	RAN1 10061-01-5
1,1,2-Trichloroethane	ND	ug/l	1	02/06/00	RAN1 79-00-5
Tetrachloroethene	ND	ug/l	1	02/06/00	RAN1 127-18-4
1,3-Dichloropropane	ND	ug/l	1	02/06/00	RAN1 142-28-9
Dibromochloromethane	ND	ug/l	1	02/06/00	RAN1 124-48-1
1,2-Dibromoethane	ND	ug/l	1	02/06/00	RAN1 106-93-4
Chlorobenzene	ND	ug/l	1	02/06/00	RAN1 108-90-7

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Sample No: 101828317
Client Sample ID: GW-7

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
1,1,1,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	630-20-6	
Ethylbenzene	ND	ug/l	1	02/06/00	RAN1	100-41-4	
Xylene (Total)	ND	ug/l	3	02/06/00	RAN1	1330-20-7	
Styrene	ND	ug/l	1	02/06/00	RAN1	100-42-5	
Bromoform	ND	ug/l	1	02/06/00	RAN1	75-25-2	
Isopropylbenzene (Cumene)	ND	ug/l	1	02/06/00	RAN1	98-82-8	
1,1,2,2-Tetrachloroethane	ND	ug/l	1	02/06/00	RAN1	79-34-5	
Bromobenzene	ND	ug/l	1	02/06/00	RAN1	108-86-1	
1,2,3-Trichloropropane	ND	ug/l	1	02/06/00	RAN1	96-18-4	
n-Propylbenzene	ND	ug/l	1	02/06/00	RAN1	103-65-1	
2-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	95-49-8	
1,3,5-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	108-67-8	
4-Chlorotoluene	ND	ug/l	1	02/06/00	RAN1	106-43-4	
1,2,4-Trimethylbenzene	ND	ug/l	1	02/06/00	RAN1	95-63-6	
sec-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	135-98-8	
tert-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	98-06-6	
p-Isopropyltoluene	ND	ug/l	1	02/06/00	RAN1	99-87-6	
1,3-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	106-46-7	
n-Butylbenzene	ND	ug/l	1	02/06/00	RAN1	104-51-8	
1,2-Dichlorobenzene	ND	ug/l	1	02/06/00	RAN1	95-50-1	
1,2-Dibromo-3-Chloropropane	ND	ug/l	2	02/06/00	RAN1	96-12-8	
1,2,4-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	120-82-1	
Hexachlorobutadiene	ND	ug/l	1	02/06/00	RAN1	87-68-3	
Naphthalene	ND	ug/l	1	02/06/00	RAN1	91-20-3	
1,2,3-Trichlorobenzene	ND	ug/l	1	02/06/00	RAN1	87-61-6	
Allyl chloride	ND	ug/l	10	02/06/00	RAN1	107-05-1	
Acrolein	ND	ug/l	10	02/06/00	RAN1	107-02-8	
Acrylonitrile	ND	ug/l	10	02/06/00	RAN1	107-13-1	
Bromochloromethane	ND	ug/l	1	02/06/00	RAN1	74-97-5	
Chloroprene	ND	ug/l	1	02/06/00	RAN1	126-99-8	
Dibromofluoromethane (S)	94	%		02/06/00	RAN1	1868-53-7	
Toluene-d8 (S)	101	%		02/06/00	RAN1	2037-26-5	
4-Bromofluorobenzene (S)	102	%		02/06/00	RAN1	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%		02/06/00	RAN1	17060-07-0	

/MS Semivolatiles

Semivolatile Organics
Phenol

Method: EPA 8270
ND ug/l 11

Prep Method: EPA 3520
02/10/00 SGM 108-95-2

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828317 Date Collected: 01/26/00 Matrix: Water
Client Sample ID: GW-7 Date Received: 01/28/00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
bis(2-Chloroethyl)ether	ND	ug/l	11	02/10/00	SGM	111-44-4	
2-Chlorophenol	ND	ug/l	11	02/10/00	SGM	95-57-8	
1,3-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	541-73-1	
1,4-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	106-46-7	
Benzyl Alcohol	ND	ug/l	11	02/10/00	SGM	100-51-6	
1,2-Dichlorobenzene	ND	ug/l	11	02/10/00	SGM	95-50-1	
2-Methylphenol	ND	ug/l	11	02/10/00	SGM	95-48-7	
bis(2-Chloroisopropyl)ether	ND	ug/l	11	02/10/00	SGM	39638-32-9	
4-Methylphenol	ND	ug/l	11	02/10/00	SGM	106-44-5	
N-Nitroso-di-n-propylamine	ND	ug/l	11	02/10/00	SGM	621-64-7	
Nitrobenzene	ND	ug/l	11	02/10/00	SGM	98-95-3	
Isophorone	ND	ug/l	11	02/10/00	SGM	78-59-1	
2-Nitrophenol	ND	ug/l	11	02/10/00	SGM	88-75-5	
2,4-Dimethylphenol	ND	ug/l	11	02/10/00	SGM	105-67-9	
Benzoic Acid	ND	ug/l	54	02/10/00	SGM	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/l	11	02/10/00	SGM	111-91-1	
2,4-Dichlorophenol	ND	ug/l	11	02/10/00	SGM	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/l	11	02/10/00	SGM	120-82-1	
Naphthalene	ND	ug/l	11	02/10/00	SGM	91-20-3	
4-Chloroaniline	ND	ug/l	54	02/10/00	SGM	106-47-8	
Hexachlorobutadiene	ND	ug/l	11	02/10/00	SGM	87-68-3	
4-Chloro-3-methylphenol	ND	ug/l	11	02/10/00	SGM	59-50-7	
2-Methylnaphthalene	ND	ug/l	11	02/10/00	SGM	91-57-6	
Hexachlorocyclopentadiene	ND	ug/l	54	02/10/00	SGM	77-47-4	
2,4,6-Trichlorophenol	ND	ug/l	11	02/10/00	SGM	88-06-2	
2,4,5-Trichlorophenol	ND	ug/l	54	02/10/00	SGM	95-95-4	
2-Chloronaphthalene	ND	ug/l	11	02/10/00	SGM	91-58-7	
2-Nitroaniline	ND	ug/l	54	02/10/00	SGM	88-74-4	
Dimethylphthalate	ND	ug/l	11	02/10/00	SGM	131-11-3	
Acenaphthylene	ND	ug/l	11	02/10/00	SGM	208-96-8	
2,6-Dinitrotoluene	ND	ug/l	11	02/10/00	SGM	606-20-2	
3-Nitroaniline	ND	ug/l	54	02/10/00	SGM	99-09-2	
Acenaphthene	ND	ug/l	11	02/10/00	SGM	83-32-9	
2,4-Dinitrophenol	ND	ug/l	54	02/10/00	SGM	51-28-5	
4-Nitrophenol	ND	ug/l	54	02/10/00	SGM	100-02-7	
Dibenzofuran	ND	ug/l	11	02/10/00	SGM	132-64-9	
2,4-Dinitrotoluene	ND	ug/l	11	02/10/00	SGM	121-14-2	
Diethylphthalate	ND	ug/l	11	02/10/00	SGM	84-66-2	
4-Chlorophenyl-phenylether	ND	ug/l	11	02/10/00	SGM	7005-72-3	
Fluorene	ND	ug/l	11	02/10/00	SGM	86-73-7	

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DATE: 02/11/00

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

Pace Sample No: 101828317
Client Sample ID: GW-7

Date Collected: 01/26/00
Date Received: 01/28/00

Matrix: Water

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Footnotes
4-Nitroaniline	ND	ug/l	54	02/10/00	SGM	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/l	54	02/10/00	SGM	534-52-1	
N-Nitrosodiphenylamine	ND	ug/l	11	02/10/00	SGM	86-30-6	
4-Bromophenyl-phenylether	ND	ug/l	11	02/10/00	SGM	101-55-3	
Hexachlorobenzene	ND	ug/l	11	02/10/00	SGM	118-74-1	
Pentachlorophenol	ND	ug/l	25	02/10/00	SGM	87-86-5	
Phenanthrene	ND	ug/l	11	02/10/00	SGM	85-01-8	
Anthracene	ND	ug/l	11	02/10/00	SGM	120-12-7	
Di-n-butylphthalate	ND	ug/l	11	02/10/00	SGM	84-74-2	
Fluoranthene	ND	ug/l	11	02/10/00	SGM	206-44-0	
Pyrene	ND	ug/l	11	02/10/00	SGM	129-00-0	
Butylbenzylphthalate	ND	ug/l	11	02/10/00	SGM	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/l	22	02/10/00	SGM	91-94-1	
Benzo(a)anthracene	ND	ug/l	11	02/10/00	SGM	56-55-3	
Chrysene	ND	ug/l	11	02/10/00	SGM	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/l	11	02/10/00	SGM	117-81-7	
Di-n-octylphthalate	ND	ug/l	11	02/10/00	SGM	117-84-0	
Benzo(b)fluoranthene	ND	ug/l	11	02/10/00	SGM	205-99-2	
Benzo(k)fluoranthene	ND	ug/l	11	02/10/00	SGM	207-08-9	
Benzo(a)pyrene	ND	ug/l	11	02/10/00	SGM	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/l	11	02/10/00	SGM	193-39-5	
Dibenz(a,h)anthracene	ND	ug/l	11	02/10/00	SGM	53-70-3	
Benzo(g,h,i)perylene	ND	ug/l	11	02/10/00	SGM	191-24-2	
Hexachloroethane	ND	ug/l	11	02/10/00	SGM	67-72-1	
Nitrobenzene-d5 (S)	74	%		02/10/00	SGM	4165-60-0	
2-Fluorobiphenyl (S)	72	%		02/10/00	SGM	321-60-8	
Terphenyl-d14 (S)	97	%		02/10/00	SGM	1718-51-0	
Phenol-d6 (S)	72	%		02/10/00	SGM	13127-88-3	
2-Fluorophenol (S)	66	%		02/10/00	SGM	367-12-4	
2,4,6-Tribromophenol (S)	83	%		02/10/00	SGM	118-79-6	
Date Extracted				01/31/00			

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
RL	Pace Reporting Limit
(S)	Surrogate

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QUALITY CONTROL DATA

DATE: 02/11/00
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Pace Project Number: 1029259
 Client Project ID: City of Massillon 137-0E013

METHOD BLANK: 101831089

Associated Pace Samples:

101828283 101828291 101828309 101828317

Parameter	Units	Method Blank Result	PRL	Footnotes
2,4,6-Trichlorophenol	ug/l	ND	10	
2,4,5-Trichlorophenol	ug/l	ND	50	
2-Chloronaphthalene	ug/l	ND	10	
2-Nitroaniline	ug/l	ND	50	
Dimethylphthalate	ug/l	ND	10	
Acenaphthylene	ug/l	ND	10	
2,6-Dinitrotoluene	ug/l	ND	10	
4-Nitroaniline	ug/l	ND	50	
Acenaphthene	ug/l	ND	10	
2,4-Dinitrophenol	ug/l	ND	50	
3-Nitrophenol	ug/l	ND	50	
2-Benzofuran	ug/l	ND	10	
2,4-Dinitrotoluene	ug/l	ND	10	
Diethylphthalate	ug/l	ND	10	
2-Chlorophenyl-phenylether	ug/l	ND	10	
Fluorene	ug/l	ND	10	
4-Nitroaniline	ug/l	ND	50	
2,6-Dinitro-2-methylphenol	ug/l	ND	50	
4-Nitrosodiphenylamine	ug/l	ND	10	
4-Bromophenyl-phenylether	ug/l	ND	10	
Hexachlorobenzene	ug/l	ND	10	
2,4-Dichlorophenol	ug/l	ND	23	
Phenanthrene	ug/l	ND	10	
Anthracene	ug/l	ND	10	
Di-n-butylphthalate	ug/l	ND	10	
Fluoranthene	ug/l	ND	10	
Pyrene	ug/l	ND	10	
Diethylbenzylphthalate	ug/l	ND	10	
2,3-Dichlorobenzidine	ug/l	ND	20	
Benzo(a)anthracene	ug/l	ND	10	
Chrysene	ug/l	ND	10	
Diethylhexylphthalate	ug/l	ND	10	
Di-n-octylphthalate	ug/l	ND	10	
Benzo(b)fluoranthene	ug/l	ND	10	
Benzo(k)fluoranthene	ug/l	ND	10	
Benzo(a)pyrene	ug/l	ND	10	
Indeno(1,2,3-cd)pyrene	ug/l	ND	10	
Benzo(a,h)anthracene	ug/l	ND	10	

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QUALITY CONTROL DATA

DATE: 02/11/00
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Pace Project Number: 1029259
 Client Project ID: City of Massillon 137-0E013

METHOD BLANK: 101831089

Associated Pace Samples:

	101828283	101828291	101828309	101828317
		Method Blank		
Parameter	Units	Result	PRL	Footnotes
benzo(g,h,i)perylene	ug/l	ND	10	
hexachloroethane	ug/l	ND	10	
Nitrobenzene-d5 (S)	%	83		
2-Fluorobiphenyl (S)	%	88		
perphenyl-d14 (S)	%	103		
phenol-d6 (S)	%	63		
2-Fluorophenol (S)	%	75		
4,6-Tribromophenol (S)	%	99		

LABORATORY CONTROL SAMPLE & LCSD: 101831097 101831105								
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
phenol	ug/l	50	28.44	56.9	33.68	67.4	17	
bis(2-Chloroethyl)ether	ug/l	50	12.91	25.8	16.48	33.0	24	1,1,2
2-Chlorophenol	ug/l	50	27.63	55.3	32.40	64.8	16	
3-Dichlorobenzene	ug/l	50	26.51	53.0	32.29	64.6	20	2
4-Dichlorobenzene	ug/l	50	25.13	50.3	32.97	65.9	27	2
Benzyl Alcohol	ug/l	50	26.89	53.8	34.01	68.0	23	2
2-Dichlorobenzene	ug/l	50	30.50	61.0	40.01	80.0	27	2
Methylphenol	ug/l	50	25.34	50.7	29.52	59.0	15	
bis(2-Chloroisopropyl)ether	ug/l	50	31.03	62.1	36.20	72.4	15	
4-Methylphenol	ug/l	50	25.48	51.0	29.89	59.8	16	
Nitroso-di-n-propylamine	ug/l	50	30.29	60.6	36.34	72.7	18	
Nitrobenzene	ug/l	50	30.83	61.7	37.22	74.4	19	
Isophorone	ug/l	50	32.18	64.4	38.50	77.0	18	
Nitrophenol	ug/l	50	29.13	58.3	34.68	69.4	17	
4-Dimethylphenol	ug/l	50	11.65	23.3	12.56	25.1	7	1,1
Benzoic Acid	ug/l	100	64.94	64.9	77.44	77.4	18	
bis(2-Chloroethoxy)methane	ug/l	50	30.69	61.4	36.49	73.0	17	
4-Dichlorophenol	ug/l	50	30.57	61.1	36.73	73.5	18	
1,2,4-Trichlorobenzene	ug/l	50	30.45	60.9	35.65	71.3	16	
Naphthalene	ug/l	50	31.04	62.1	35.28	70.6	13	
Chloroaniline	ug/l	50	21.55	43.1	28.47	56.9	28	2
hexachlorobutadiene	ug/l	50	30.13	60.3	35.48	71.0	16	
1-Chloro-3-methylphenol	ug/l	50	31.80	63.6	37.71	75.4	17	
1-Methylnaphthalene	ug/l	50	27.77	55.5	32.48	65.0	16	

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QUALITY CONTROL DATA

DATE: 02/11/00
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Pace Project Number: 1029259
 Client Project ID: City of Massillon 137-0E013

LABORATORY CONTROL SAMPLE & LCSD: 101831097 101831105								
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
hexachlorocyclopentadiene	ug/l	100	16.93	16.9	15.95	15.9	6	1,1
2,4,6-Trichlorophenol	ug/l	50	30.52	61.0	36.41	72.8	18	
2,4,5-Trichlorophenol	ug/l	50	30.30	60.6	36.16	72.3	18	
1-Chloronaphthalene	ug/l	50	31.10	62.2	37.40	74.8	18	
1-Nitroaniline	ug/l	50	34.27	68.5	36.96	73.9	8	
Dimethylphthalate	ug/l	50	39.69	79.4	43.26	86.5	9	
Acenaphthylene	ug/l	50	32.30	64.6	38.21	76.4	17	
2,6-Dinitrotoluene	ug/l	50	40.50	81.0	44.70	89.4	10	
3-Nitroaniline	ug/l	50	33.93	67.9	36.72	73.4	8	
Acenaphthene	ug/l	50	35.34	70.7	40.87	81.7	14	
2,4-Dinitrophenol	ug/l	50	50.89	102	53.70	107	5	
1-Nitrophenol	ug/l	50	46.47	92.9	46.11	92.2	1	
Dibenzofuran	ug/l	50	30.68	61.4	36.53	73.1	17	
2,4-Dinitrotoluene	ug/l	50	50.00	100	50.42	101	1	
Diethylphthalate	ug/l	50	45.04	90.1	45.51	91.0	1	
4-Chlorophenyl-phenylether	ug/l	50	37.90	75.8	43.25	86.5	13	
Fluorene	ug/l	50	37.45	74.9	42.41	84.8	12	
1-Nitroaniline	ug/l	50	41.78	83.6	41.40	82.8	1	
2,6-Dinitro-2-methylphenol	ug/l	50	52.95	106	53.21	106	0	
4-Nitrosodiphenylamine	ug/l	50	37.21	74.4	42.58	85.2	14	
Bromophenyl-phenylether	ug/l	50	40.38	80.8	45.56	91.1	12	
hexachlorobenzene	ug/l	50	46.32	92.6	49.79	99.6	7	
Pentachlorophenol	ug/l	50	52.62	105	52.53	105	0	
Benanthrene	ug/l	50	43.30	86.6	46.03	92.1	6	
Anthracene	ug/l	50	43.35	86.7	46.09	92.2	6	
Di-n-butylphthalate	ug/l	50	48.09	96.2	48.55	97.1	1	
Fluoranthene	ug/l	50	48.85	97.7	51.62	103	5	
Pyrene	ug/l	50	48.07	96.1	48.55	97.1	1	
Butylbenzylphthalate	ug/l	50	52.84	106	52.13	104	2	
1,3'-Dichlorobenzidine	ug/l	50	26.37	52.7	26.79	53.6	2	
benzo(a)anthracene	ug/l	50	56.00	112	54.86	110	2	
Pyrene	ug/l	50	58.71	117	57.51	115	2	
Diis(2-Ethylhexyl)phthalate	ug/l	50	52.73	105	53.06	106	1	
Di-n-octylphthalate	ug/l	50	53.15	106	51.52	103	3	
benzo(b)fluoranthene	ug/l	50	56.19	112	54.88	110	2	
benzo(k)fluoranthene	ug/l	50	55.47	111	53.98	108	3	
benzo(a)pyrene	ug/l	50	53.98	108	52.77	106	2	
benzo(1,2,3-cd)pyrene	ug/l	50	59.00	118	60.53	121	3	
benz(a,h)anthracene	ug/l	50	59.85	120	60.76	122	2	
benzo(g,h,i)perylene	ug/l	50	55.41	111	56.57	113	2	
hexachloroethane	ug/l	50	27.23	54.5	31.74	63.5	15	

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QUALITY CONTROL DATA

DATE: 02/11/00

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

LABORATORY CONTROL SAMPLE & LCSD: 101831097 101831105									
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes	
nitrobenzene-d5 (S)				58		67			
2-Fluorobiphenyl (S)				58		69			
Terphenyl-d14 (S)				102		100			
phenol-d6 (S)				53		63			
2-Fluorophenol (S)				48		56		1	
2,4,6-Tribromophenol (S)				84		90			

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QUALITY CONTROL DATA

DATE: 02/11/00
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PSI
555 Canal Road
Valleyview, OH 44125

Pace Project Number: 1029259
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

QC Batch ID: 41531 QC Batch Method: EPA 1664
Analysis Method: EPA 1664 Analysis Description: 1664 TPH, Hexane
Associated Pace Samples: 101828283 101828291 101828309 101828317

METHOD BLANK: 101840015
Associated Pace Samples:

	101828283	101828291	101828309	101828317
		Method Blank		
Parameter	Units	Result	PRL	Footnotes
Oil and Grease	mg/l	ND	5	

LABORATORY CONTROL SAMPLE & LCSD: 101840023

		101840031				Spike Dup		
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	% Rec	RPD	Footnotes
Oil and Grease	mg/l	20	15.20	76.0	23.50	118	43	3

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QUALITY CONTROL DATA

DATE: 02/11/00
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PSI
5555 Canal Road
Valleyview, OH 44125

Pace Project Number: 1029259
Client Project ID: City of Massillon 137-0E013

Attn: Mr. Craig Lass
Phone: 216-447-1335

Batch ID: 41641 QC Batch Method: EPA 8260
Analysis Method: EPA 8260 Analysis Description: 8260 Low Level H2O
Associated Pace Samples: 101828275 101828283 101828291 101828309 101828317

METHOD BLANK: 101845139
Associated Pace Samples:

Parameter	Units	101828275	101828283	101828291	101828309	101828317
		Method Blank				
		Result	PRL	Footnotes		
Dichlorodifluoromethane	ug/l	ND	1			
Chloromethane	ug/l	ND	1			
Vinyl Chloride	ug/l	ND	1			
Bromomethane	ug/l	ND	1			
Chloroethane	ug/l	ND	1			
Dichlorofluoromethane	ug/l	ND	1			
Methylene Chloride	ug/l	ND	1			
1,1-Dichloroethene	ug/l	ND	1			
trans-1,2-Dichloroethene	ug/l	ND	1			
cis-1,2-Dichloroethene	ug/l	ND	1			
2,2-Dichloropropane	ug/l	ND	1			
trans-1,2-Dichloroethene	ug/l	ND	1			
Chloroform	ug/l	ND	1			
1,1,1-Trichloroethane	ug/l	ND	1			
Carbon Tetrachloride	ug/l	ND	1			
1-Dichloropropene	ug/l	ND	1			
Benzene	ug/l	ND	1			
2-Dichloroethane	ug/l	ND	1			
1,2-Dichloroethane	ug/l	ND	1			
2,2-Dichloropropane	ug/l	ND	1			
Bromodichloromethane	ug/l	ND	1			
Bromomethane	ug/l	ND	1			
trans-1,3-Dichloropropene	ug/l	ND	1			
Toluene	ug/l	ND	1			
cis-1,3-Dichloropropene	ug/l	ND	1			

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QUALITY CONTROL DATA

DATE: 02/11/00

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Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

METHOD BLANK: 101845139

Associated Pace Samples:

101828275

101828283

101828291

101828309

101828317

Parameter	Units	Method Blank Result	PRL	Footnotes
1,2-Trichloroethane	ug/l	ND	1	
tetrachloroethene	ug/l	ND	1	
1,3-Dichloropropane	ug/l	ND	1	
Dibromochloromethane	ug/l	ND	1	
2-Dibromoethane	ug/l	ND	1	
Chlorobenzene	ug/l	ND	1	
1,1,1,2-Tetrachloroethane	ug/l	ND	1	
ethylbenzene	ug/l	ND	1	
ylene (Total)	ug/l	ND	3	
Styrene	ug/l	ND	1	
romoform	ug/l	ND	1	
opropylbenzene (Cumene)	ug/l	ND	1	
1,1,2,2-Tetrachloroethane	ug/l	ND	1	
Bromobenzene	ug/l	ND	1	
2,3-Trichloropropane	ug/l	ND	1	
n-Propylbenzene	ug/l	ND	1	
2-Chlorotoluene	ug/l	ND	1	
3,5-Trimethylbenzene	ug/l	ND	1	
Chlorotoluene	ug/l	ND	1	
1,2,4-Trimethylbenzene	ug/l	ND	1	
n-Butylbenzene	ug/l	ND	1	
tert-Butylbenzene	ug/l	ND	1	
o-Isopropyltoluene	ug/l	ND	1	
1,3-Dichlorobenzene	ug/l	ND	1	
4-Dichlorobenzene	ug/l	ND	1	
n-Butylbenzene	ug/l	ND	1	
1,2-Dichlorobenzene	ug/l	ND	1	
2-Dibromo-3-Chloropropane	ug/l	ND	2	
2,4-Trichlorobenzene	ug/l	ND	1	
hexachlorobutadiene	ug/l	ND	1	
phthalene	ug/l	ND	1	
2,3-Trichlorobenzene	ug/l	ND	1	
Allyl chloride	ug/l	ND	10	
croton	ug/l	ND	10	
rylonitrile	ug/l	ND	10	
romochloromethane	ug/l	ND	1	
chloroprene	ug/l	ND	1	
bromofluoromethane (S)	%	91		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
 1700 Elm Street, Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

QUALITY CONTROL DATA

DATE: 02/11/00
 PAGE: 28

Pace Project Number: 1029259
 Client Project ID: City of Massillon 137-0E013

METHOD BLANK: 101845139
 Associated Pace Samples:

	101828275	101828283	101828291	101828309	101828317
		Method Blank			
Parameter	Units	Result	PRL	Footnotes	
toluene-d8 (S)	%	99			
Bromofluorobenzene (S)	%	98			
1,2-Dichloroethane-d4 (S)	%	83			

LABORATORY CONTROL SAMPLE & LCSD: 101845147 101845154								
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/l	50	87.06	174	84.62	169	3	
Chloromethane	ug/l	50	61.03	122	66.04	132	8	
vinyl Chloride	ug/l	50	59.86	120	63.10	126	5	
Bromomethane	ug/l	50	55.25	111	62.57	125	12	
Chloroethane	ug/l	50	57.03	114	57.68	115	1	
Dichlorofluoromethane	ug/l	50	59.73	119	56.72	113	5	
Methylene Chloride	ug/l	50	49.43	98.9	47.98	96.0	3	
1,1-Dichloroethene	ug/l	50	54.97	110	56.38	113	3	
trans-1,2-Dichloroethene	ug/l	50	51.80	104	52.73	105	1	
1-Dichloroethane	ug/l	50	55.22	110	54.56	109	1	
2,2-Dichloropropane	ug/l	50	28.72	57.4	41.87	83.7	37	4,5,5
cis-1,2-Dichloroethene	ug/l	50	50.09	100	50.45	101	1	
Chloroform	ug/l	50	53.90	108	51.45	103	5	
1,1,1-Trichloroethane	ug/l	50	61.84	124	60.16	120	3	
Carbon Tetrachloride	ug/l	50	57.37	115	55.84	112	3	
1-Dichloropropene	ug/l	50	58.14	116	58.74	117	1	
Benzene	ug/l	50	57.60	115	56.86	114	1	
1,2-Dichloroethane	ug/l	50	58.72	117	54.56	109	7	
Dichloroethene	ug/l	50	61.00	122	57.06	114	7	
2-Dichloropropane	ug/l	50	55.49	111	55.91	112	1	
Bromodichloromethane	ug/l	50	56.70	113	55.44	111	2	
Bromomethane	ug/l	50	56.56	113	53.28	107	5	
trans-1,3-Dichloropropene	ug/l	50	49.04	98.1	53.89	108	10	
Toluene	ug/l	50	57.29	115	59.43	119	3	
cis-1,3-Dichloropropene	ug/l	50	46.39	92.8	51.03	102	9	
1,2-Trichloroethane	ug/l	50	56.58	113	55.10	110	3	
Tetrachloroethene	ug/l	50	56.55	113	58.00	116	3	
1,3-Dichloropropane	ug/l	50	58.46	117	56.85	114	3	
Bromochloromethane	ug/l	50	53.37	107	55.31	111	4	

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QUALITY CONTROL DATA

DATE: 02/11/00

PAGE: 29

Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

LABORATORY CONTROL SAMPLE & LCSD: 101845147 101845154								
Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
1,2-Dibromoethane	ug/l	50	59.06	118	57.67	115	3	
Chlorobenzene	ug/l	50	54.21	108	54.92	110	2	
1,1,1,2-Tetrachloroethane	ug/l	50	58.15	116	57.51	115	1	
Ethylbenzene	ug/l	50	57.80	116	59.12	118	2	
Ethylene (Total)	ug/l	150	162.4	108	166.4	111	3	
Styrene	ug/l	50	46.02	92.0	47.97	95.9	4	
Bromoform	ug/l	50	45.05	90.1	53.73	107	17	
Isopropylbenzene (Cumene)	ug/l	50	49.59	99.2	51.04	102	3	
1,1,2,2-Tetrachloroethane	ug/l	50	46.44	92.9	48.78	97.6	5	
Bromobenzene	ug/l	50	56.31	113	57.91	116	3	
1,2,3-Trichloropropane	ug/l	50	58.31	117	62.75	126	7	
Propylbenzene	ug/l	50	50.01	100	53.19	106	6	
2-Chlorotoluene	ug/l	50	55.90	112	57.40	115	3	
1,3,5-Trimethylbenzene	ug/l	50	59.51	119	62.15	124	4	
Chlorotoluene	ug/l	50	57.63	115	59.63	119	3	
1,2,4-Trimethylbenzene	ug/l	50	50.37	101	52.91	106	5	
sec-Butylbenzene	ug/l	50	50.40	101	53.60	107	6	
tert-Butylbenzene	ug/l	50	51.26	103	54.15	108	5	
Isopropyltoluene	ug/l	50	55.13	110	58.67	117	6	
1,3-Dichlorobenzene	ug/l	50	54.63	109	56.58	113	4	
1,4-Dichlorobenzene	ug/l	50	51.07	102	53.27	107	5	
Butylbenzene	ug/l	50	55.50	111	61.06	122	9	
1,2-Dichlorobenzene	ug/l	50	54.10	108	55.48	111	3	
1,2-Dibromo-3-Chloropropane	ug/l	100	109.1	109	109.0	109	0	
1,2,4-Trichlorobenzene	ug/l	50	47.83	95.7	57.27	115	18	
Hexachlorobutadiene	ug/l	50	58.82	118	65.67	131	10	
Naphthalene	ug/l	50	40.26	80.5	46.13	92.3	14	
2,3-Trichlorobenzene	ug/l	50	42.56	85.1	49.11	98.2	14	
Phenol	ug/l	250	263.4	105	286.5	115	9	
Acrylonitrile	ug/l	250	317.5	127	291.9	117	8	
Momochloromethane	ug/l	50	50.65	101	47.69	95.4	6	
Isoprene	ug/l	50	55.34	111	55.70	111	0	
Dibromofluoromethane (S)				124		113		
Toluene-d8 (S)				134		127		
Bromofluorobenzene (S)				140		132		
1,2-Dichloroethane-d4 (S)				113		103		

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DATE: 02/11/00

PAGE: 30

Pace Project Number: 1029259

Client Project ID: City of Massillon 137-0E013

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND Not Detected

NC Not Calculable

PRL Pace Reporting Limit

RPD Relative Percent Difference

(S) Surrogate

[1] The surrogate and/or spike recovery was outside acceptance limits.

[2] RPD value was outside of control limits, however % Recoveries were acceptable. Samples for QC batch accepted based on % recoveries and completeness of QC data.

[3] The LCS was outside the control limits of 80-120% at 76%. The LCSD was within control limits at 118%.

[4] Spiked sample recovery is not within control limits.

[5] The calculated RPD was outside QC acceptance limits.

REPORT OF LABORATORY ANALYSIS

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451465

Section A

Required Client Information:

Company: **POST, Inc.**
Address: **5555 Canal Road**
Cleveland, OH 44125

Section B

Section C

Report To: **Craig Lass (same)**
Invoice To: **Same**
P.O.:
Project Name: **City of Massillon**
Project Number: **137-0E013**

Project Manager: **Craig Lass**
Project #: **1029259**
Profile #:

Section D

Required Client Information:

Phone: **(216) 447-1335**
Fax: **(216) 642-7008**

MATRIX CODE
Valid Matrix Codes
MATERIAL: WATER, SOIL, OIL, WIPE, AIR, TISSUE, OTHER
CODE: WT, SL, OL, WP, AR, TS, OT

DATE COLLECTED: dd / mm / yy
TIME COLLECTED: mm:hh a/m
Containers: 1
Preservatives: Unpreserved, H₂SO₄, HNO₃, HCl, NaOH, Na₂S₂O₃

Requested Analysis: **TPH, VOC, SVOC, VOC1**
Remarks / Lab ID: **1828283, 1828283, 1828283, 1828283, 1828283, 1828283, 1828283, 1828283**

SAMPLE ID

One character per box.
(A-Z, 0-9 / -)

Sample IDs MUST BE UNIQUE

ITEM #	1	2	3	4	5	6	7	8	9	10	11	12
Sample Condition	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7					
Temp in °C:												
Received on ICE:												
Sealed Cooler:												
Samples Intact:												
Relinquished By / Company												
Item No.												
Date												
Time												
Accepted By / Company												
Date												
Time												

Temp in °C: **4**
Received on ICE: **Y / N**
Sealed Cooler: **Y / N**
Samples Intact: **Y / N**

Additional Comments:

SAMPLER NAME AND SIGNATURE: **Craig Lass**
PRINT Name of SAMPLER: **Craig Lass**
SIGNATURE of SAMPLER: **[Signature]**
DATE Signed: (MM / DD / YY) **1-27-00**