

PHASE II ENVIRONMENTAL SITE ASSESSMENT

FORMER MERCURY MARINE PLANT No. 1

N49W6337 Western Road & N47W6300 Jackson Street, Cedarburg, Wisconsin 53012 | November 21



Prepared For:

Mr. Robert Bach
P2 Development Company
524 Technology Way
Saukville, Wisconsin 53080

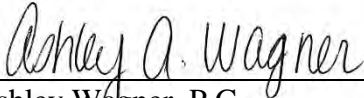
Prepared By:

Ashley Wagner
Environmental Manager
Kapur Inc.

**SUBMITTAL CERTIFICATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT**

**Former Mercury Marine Plant No. 1
N49W6337 Western Road and N47W6300 Jackson Street
Cedarburg, Wisconsin 53012**

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in § 312.10 of 40 CFR § 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed, implemented and performed this Phase II environmental site assessment in conformance with the standards and practices set forth in ASTM E 1903-97.



Ashley Wagner, P.G.
Environmental Manager
Kapur Inc.

November 24, 2021

Date



Jennifer Skweres
Environmental Scientist
Kapur Inc.

November 24, 2021

Date

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Project Description.....	1
1.2 Site Background.....	2
1.3 Owner, Consultant and Subcontractors List.....	2
1.4 Regional and Local Geology and Hydrogeology.....	3
2.0 PHASE II SUBSURFACE INVESTIGATION	4
2.1 Soil Investigation Findings.....	4
2.2 Groundwater Investigation Findings.....	5
2.3 Contaminant Migration.....	7
3.0 CONCLUSIONS	8
4.0 RECOMMENDATIONS	10
5.0 REFERENCES	11

FIGURES

Figure 1	Topographic Map
Figure 2	Aerial Photograph
Figure 3	Boring Locations

TABLES

Table A.1	Soil Analytical Results
Table A.1.i	TCLP Soil Analytical Results
Table A.2	Groundwater Analytical Results

APPENDICES

Appendix A	Site Photographs
Appendix B	WDNR Soil Boring Logs and Abandonment Forms
Appendix C	Field Forms
Appendix D	Laboratory Analytical Reports and Chain of Custody
Appendix E	Methods of Investigation
Appendix F	Previous Investigation

LIST OF ABBREVIATIONS

bgs	Below Ground Surface
CVOC	Chlorinated Volatile Organic Compounds
DCE	1,2-Dichloroethene
DRO	Diesel Range Organics
ERP	Environmental Repair Program
ESA	Environmental Site Assessment
FIM	Fire Insurance Map
ft	feet
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
LDL	Laboratory Detection Limit
MDL	Method Detection Limit
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MRL	Method Reporting Limit
MSL	Mean Sea Level
PAH	Polynuclear Aromatic Hydrocarbons
PID	Photoionization Detector
ppm	Parts Per Million
ppmv	Parts Per Million by Volume
RCL	Residual Contaminant Level
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Concern
SI	Site Investigation
SIWP	Site Investigation Work Plan
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leachate Procedure
USGS	United States Geological Survey
VC	Vinyl Chloride
VOC	Volatile Organic Compound
WAC	Wisconsin Administrative Code
WDNR	Wisconsin Department of Natural Resources

1.0 INTRODUCTION

This report documents the findings of a Phase II Environmental Site Assessment (ESA) completed at the Former Mercury Marine Plant No. 1 located at N49 W6337 Western Road and N47W6300 Jackson Street in the City of Cedarburg, Ozaukee County, Wisconsin (hereafter called the subject property). The Phase II was conducted to identify potential subsurface contaminant impacts due to historical land use and known contamination at the subject property identified in the Phase I ESA (Ref. 1). This Phase II ESA was performed for P2 Development Company LLC.

1.1 Project Description

The Phase II ESA area was located at the Former Mercury Marine Plant No. 1 located at N49W6337 Western Road and N47W6300 Jackson Street in the Northeast 1/4 of the Northeast 1/4 of Section 34, Township 10N, Range 21E. The subject property consists of one (1) parcel with Tax Key ID Number: 13-050-19-01-001 totaling 12.93 acres. The site is located on the south side of Western Road approximately 370 feet west of the intersection of Western Road and Washington Avenue in the City of Cedarburg, Ozaukee County, Wisconsin.

The purpose of the Phase II ESA activities was to determine if subsurface contaminant impacts are present at the property due to the Recognized Environmental Concerns (RECs) identified during the Phase I ESA (Ref. 1). The following scope of work was completed with regard to the Phase II activities:

- Coordination with drilling subcontractor, laboratory, and Diggers Hotline.
- Review of previous ESAs completed at the subject property.
- Installation of fourteen (14) direct push soil borings to a maximum depth of four (40) feet below ground surface (ft bgs).
- Field screening of soil borings in two and a half-foot increments during drilling operations utilizing a photoionization detector (PID).
- Collection of thirty-two (32) soil samples for laboratory analysis of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs) Resource Conservation Recovery Act (RCRA) metals and 1,4-dioxane. Select samples were analyzed for Diesel Range Organics (DRO).

Figure 1 is a topographic map showing the location of the Phase II project. Figure 2 is an aerial photograph. Figure 3 illustrates the soil boring and temporary well locations.

1.2 Site Background

According to the Phase I ESA (Ref. 1), the property was developed as early as the 1927 fire insurance map (FIM). The current onsite buildings were observed in 1937. According to the April 8, 1993, CH2M Hill, *Remedial Investigation Report: Former Mercury Marine Plant No. 1, Cedarburg, Wisconsin* (Ref. 2), the property was developed by Mercury Marine and operations at the plant began in 1939. Mercury Marine sold the plant to Scot Pump (a Wilo Company) in the early 1980s. The subject property is currently occupied by Wilo Machining Co. Due to the historic use of the property as Mercury Marine and handling of oils and lubricants within the facility, a Phase II ESA was recommended.

The 1993 CH2M Hill *Remedial Investigation Report* was prepared in response to the Wisconsin Department of Natural Resources (WDNR) request that Mercury Marine investigate potential release of chlorinated solvents on the property from its former plant, as VOCs had been detected in municipal wells. Chlorinated VOCs (CVOCS) were detected in soil and groundwater during this investigation, with impacts extending into the bedrock at the site. The highest concentrations were detected on the western side of the property, near the area of the former vapor degreasers (present day on the western side of the demolished building). No ERP site was ever opened for this property, although the contaminants had been identified and reported to the WDNR and the City.

1.3 Owner, Consultant and Subcontractors List

The following section summarizes the names, addresses, and telephone numbers of the property owner, client, consultant, and subcontractors:

Owner

Jackson Western LLC
PO Box 727, Cedarburg, WI 53012
(Ozaukee County GIS)

Client

Mr. Robert Bach
P2 Development Company
524 Technology Way, Saukville WI 53080
Contact Phone: (414) 573-1147

Consultant

Kapur Inc.
7711 North Port Washington Road, Milwaukee, WI 53217
Phone: (414) 410-5206
Contact: Ashley Wagner

Drilling Subcontractor

Horizon Construction and Exploration
764 Tower Drive
Fredonia, Wisconsin 53021
Phone: (262) 692-3374
Contact: Adam Sweet

Analytical Testing

Pace Analytical
1241 Bellevue Street, Suite 9, Green Bay, WI 54302
Phone: (920) 469-2436
Contact: Christopher Hyska

1.4 Regional and Local Geology and Hydrogeology

Based on the USGS Cedarburg, WI Quadrangle topographic map (Ref. 3), the subject site is relatively flat with an approximate elevation of 789 feet above the Mean Sea Level (MSL). The surrounding topography slopes generally towards the east. Based upon the CH2M Hill Site Investigation data, groundwater was between 10 and 45 ft bgs and groundwater flow is to the south/southeast. Depth to bedrock is expected to be between 5 and 50 ft of the land surface. During the Phase II ESA, bedrock was encountered in all soil borings, at depths of approximately 12 to 40 feet bgs. Shallow bedrock was identified in the north, and deeper bedrock in the south.

2.0 PHASE II SUBSURFACE INVESTIGATION

2.1 Soil Investigation Findings

On October 21 and October 22, 2021, Kapur supervised the installation of fourteen (14) soil borings, SB-1 through SB-14, by Horizon Construction and Exploration (Horizon) of Fredonia, Wisconsin. The borings were advanced using direct push (Geoprobe) methods to a maximum depth of forty (40) ft bgs. A total of eighty-two (82) soil samples, from SB-1 through SB-14 were field screened using a PID. Based upon field observations and PID readings, thirty-two (32) soil samples were collected and submitted to Pace Analytical (Pace) of Green Bay, Wisconsin (WDNR Certification #: 405132750) for laboratory analysis including VOCs, PAHs, RCRA metals, and 1,4-dioxane. Select samples were analyzed for DRO. Field sampling locations were chosen to confirm and delineate contamination reported in the 1993 CH2M Hill Report. Field observations and laboratory analytical results of the soil investigation indicated:

- The soils located at the site generally include asphalt or concrete to a depth of approximately one (1) foot bgs over sand and gravel fill, over silty clay fill, over native silty clay, silt, sand, silty sand, and clay to a maximum boring depth of forty (40) feet bgs.
- Bedrock was encountered in all soil borings, at depths of approximately 12 to 40 feet bgs, except in SB-7 and SB-13. Shallow bedrock was identified in the north, and deeper bedrock in the south.
 - Soil boring SB-7 was not extended to bedrock because the soil boring was used for a soil sample only as MSB6/MW-2 from the CH2M Hill Investigation was available for collection of a groundwater sample.
 - Soil boring SB-13 was not extended to bedrock as the GeoProbe could not drill through the silty clay.
- An unidentified odor was identified in SB-1 (2-4).
- Strong petroleum odors and staining were identified in SB-9 (7-10 ft bgs), and SB-10 (3.0-12.5 ft bgs). No obvious odor or staining was noted during the remaining soil boring activities.
- PID readings remained below background levels (<10 parts per million by volume in air (ppmv)) during soil boring activities in all soil borings except SB-7, SB-9, and SB-10.
 - The greatest PID readings were observed in soil boring SB-10, with the greatest reading observed in the 4-6 ft bgs interval (181.5 ppm). PID readings decreased in the 8-10 ft bgs sample interval and deeper.
- Bedrock was not investigated as part of this Phase II ESA.

- Laboratory analysis indicated:
 - Of the VOCs:
 - 1,2,4-Trimethylbenzene was detected above the applicable ch. NR 720 Soil to Groundwater Pathway RCLs.
 - Trichloroethene was detected above the applicable ch. NR 720 Industrial Direct Contact RCLs.
 - Trichloroethene Toxicity Characteristic Leachate Procedure (TCLP) results was below 0.50 mg/L.
 - Of the RCRA metals:
 - Arsenic was detected above the applicable ch. NR 720 Industrial Direct Contact RCL and above the applicable background threshold value (BTV).
 - Lead was detected above the applicable ch. NR 720 Soil to Groundwater Pathway RCL and above the BTV.
 - Of the PAHs:
 - Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected above the applicable ch. NR 720 Non-Industrial Direct Contact RCLs.
 - Chrysene was detected above the applicable ch. NR 720 Soil to Groundwater Pathway RCL.
 - Of the DROs:
 - DRO was detected at a maximum concentration of 1,110 mg/kg. There is no established standard for DRO however, the detection does confirm petroleum contamination.

2.2 Groundwater Investigation Findings

Upon completing advancing soil borings SB-1 through SB-4, SB-8 through SB-12, and SB-14, Kapur supervised the conversion of ten (10) soil borings to temporary monitoring wells (TW-1 through TW-4, TW-8 through TW-12, and TW-14). Each temporary monitoring well was completed with a 10-foot screened section, PVC riser to the surface and set with filter pack material. On October 26, 2021, a peristaltic pump and dedicated, low density polyethylene (LDPE) tubing was used to develop the wells and to collect samples. Groundwater samples were submitted

to Pace for laboratory analysis of RCRA Metals, PAHs, VOCs and 1,4-dioxane. Field observations of the groundwater investigation indicated:

- No well was installed at SB-5, as the water table was not encountered during drilling, or at TW-13 due to the difficult drilling conditions in the area.
- A water sample was not obtained from TW-6 as the well was dry.
- The groundwater recovered from the monitoring wells were clear in color, and turbidity generally improved after development of the well. Temporary monitoring wells, TW-4, TW-9 and TW-11 were tan in color and turbid.
- Water levels ranged from 6.31 ft bgs (TW-11) to 24.10 feet bgs (TW-14).
- Elevation of the ground or wells was not measured.
- The pH ranged from 6.89 (TW-12) to 7.46 (TW-8).
- The specific conductivity ranged from 735 uS/cm (TW-14) to 3,799 uS/cm (TW-12).
- CH2M Hill monitoring well, MSB6/MW-2 was installed during the 1993 investigation. The well was located and appeared in sound condition. This well was completed in bedrock with a 15-foot well screen. It was purged using a clean submersible pump with dedicated poly tubing. This is the only location where a sample was obtained from within bedrock.
- Laboratory analysis indicated:
 - Of the PAHs
 - Benzo(b)fluoranthene and chrysene were detected above the applicable ch. NR 140 Preventive Action Limits (PALs).
 - Of the RCRA metals
 - Barium, chromium, and lead were detected above the applicable ch. NR 140 PAL.
 - Of the VOCs
 - 1,1,1-Trichloroethane, and 1,1-dichloroethene were detected above the applicable ch. NR 140 PAL.
 - Trichloroethene (TCE), vinyl chloride (VC), and cis 1,2-dichloroethene (cis-DCE) were detected above the applicable ch. NR 140 Enforcement Standards (ES).

Table A.1 outlines the soil sample analytical results. Table A.2 outline the groundwater analytical results. Figure 3 illustrates the soil boring and temporary well locations. Photographs of the Phase

II ESA activities are included in Appendix A. Soil Boring Logs and Abandonment Forms are presented in Appendix B. Field forms and groundwater quality form are presented in Appendix C. The complete laboratory analytical report and chain of custody are presented in Appendix D. The Methods of Investigation for this Phase II are included in Appendix E.

2.3 Contaminant Migration

Contamination during this investigation was identified site-wide within both the subsurface fill materials and native soil. During the previous investigation it was also identified within the fractured bedrock. The vertical and horizontal extents of the contamination have not been delineated and the potential for contaminant migration exists.

3.0 CONCLUSIONS

Based on field observations and the laboratory analytical results of the Phase II ESA activities performed at the site, Kapur has reached the following conclusions regarding Former Mercury Marine Plant No. 1 located at N49W6337 Western Road and N47W6300 Jackson Street in the City of Cedarburg, Ozaukee County, Wisconsin:

Soil

The soils located at the site generally include asphalt or concrete to a depth of approximately one (1) foot bgs over sand and gravel fill over silty clay fill to depths of approximately 0.5 to 5 ft bgs, over native silty clay, silt, sand, silty sand, and clay to a maximum boring depth of forty (40) feet bgs. Bedrock was encountered in all soil borings, at depths of approximately 12 to 40 feet bgs. Shallow bedrock was identified in the north and deeper bedrock in the south.

Contaminant impacts in the soil samples collected and analyzed for VOCs, PAHs, and RCRA metals exceeded the applicable ch. NR 720 standards. Contaminant impacts appear to be site-wide and though no known definitive source of the contamination besides the former Mercury Marine vapor degreasers was identified, it is likely due to the historical land use.

In the west, soil borings SB-10 and SB-12 contain PAHs exceeding ch. NR 720 Non-Industrial Direct Contact RCLs at depths of 0 to 8 ft bgs. Soil boring, SB-12 also contained lead exceeding the applicable ch. NR Soil to Groundwater Pathway RCL at a depth of 0-5 ft bgs. Most of these impacts are located in areas where up to five (5) feet of fill has been added.

In the north, soil boring SB-2 contained arsenic exceeding the applicable ch. NR 720 Direct Contact Industrial RCL at a depth of 4 to 6 ft bgs and lead impacts exceeding the applicable ch. NR 720 Soil to Groundwater Pathway RCL at a depth of 0 to 2 ft bgs.

On the west-central portion of the Site, soil borings SB-3 through SB-5 and SB-9 contain trichloroethene (TCE) exceeding ch. NR 720 standards. These borings were in an area of native silt and silty clay and are located in the vicinity of the former vapor degreasers, where elevated impacts were identified during the 1993 investigation. The TCE exceedance in SB-4 at a depth of 10-12 ft bgs was further analyzed via the Toxicity Characteristic Leachate Procedure (TCLP) to determine whether a hazardous designation would be necessary and proper landfill disposal requirements. The TCLP resulted in a concentration of 0.15 mg/L for SB-4, which below the toxicity limit of 0.50 mg/L. Concentrations of TCE decreased with depth at soil borings SB-3 and SB-9 and increased with depth at soil borings SB-4 and SB-5.

DRO was detected at a concentration of 1,110 mg/kg at SB-10 (4-8') and at a concentration of 22.4 mg/kg at SB-9 (7-9'), however, there is no established standard for DRO. Soil boring SB-9 also contained 1,2,4-trimethylbenzene (1,2,4-TMB) exceeding the applicable ch. NR 720 Soil to Groundwater Pathway RCL at a depth of 7-9 ft bgs. No other petroleum VOCs (PVOCs) were detected above ch. NR 720 standards. These intervals had a petroleum odor, and the exceedance is likely a result of a petroleum release.

Groundwater

Depth to groundwater observed in the monitoring wells was approximately 6.31 ft bgs in TW-11 to 24.10 ft bgs in TW-14. Based upon local geology, the general local groundwater flow is to the south/southeast. Regional groundwater flow is expected to be east toward Cedar Creek.

Groundwater impacted with PAHs (benzo(a)fluoranthene and chrysene) exceeding the applicable ch. NR 140 Preventive Action Limits (PALs) is located on the northwest (TW-2), west-central (TW-4), and south (TW-14) portions of the property. Turbidity was noted on the field forms for TW-4 and the PAH exceedances is a likely result of sediment within the sample.

Groundwater impacted with RCRA metals exceeding the applicable ch. NR 140 PALs are located on the west-central portion of the property in temporary monitoring wells TW-4 (chromium), TW-11 (lead) and TW-12 (barium).

Groundwater impacted with CVOCs exceeding applicable ch. NR 140 standards was identified site-wide. 1,4-Dioxane was detected between the laboratory's limit of detection and limit of quantification, and therefore the PAL values were not exceeded. Of the locations where a water sample was obtained, TW-8 was the only location where there was no ch. NR 140 exceedances. Impacts exceeding ch. NR 140 standards were identified near the northern, western and eastern property boundaries, and likely extend beyond these property boundaries.

TCE and its daughter products, VC and cis-DCE, were identified exceeding ch. NR 140 PALs and Enforcement Standards (ESs) across the central portion of the site within the glacial till in temporary monitoring wells TW-9, TW-10, TW-11 and within the bedrock in monitoring well MSB6/MW-2. 1,1,1-Trichloroethane (TCA) exceeding the applicable ch. NR 140 PAL was identified in TW-9. 1,1-Dichloroethene exceeding the applicable ch. NR 140 PAL was identified in TW-9 and TW-10.

4.0 RECOMMENDATIONS

Based on field observations and the laboratory analytical results of the Phase II ESA activities performed at the site, Kapur makes the following recommendations regarding the Former Mercury Marine Plant No. 1 located at N49W6337 Western Road and N47W6300 Jackson Street in the City of Cedarburg, Ozaukee County, Wisconsin:

- As contaminants were detected above applicable standards, notification to the WDNR per ch. NR 706.05 of the Wisconsin Administrative Code (WAC) is advised.
- A technical assistance meeting with the WDNR is also recommended to aid in the guidance of further site investigation activities.
- The WDNR would require a ch. NR 716 Site Investigation (SI) be conducted to further delineate the extent and the magnitude of the contaminants identified (on-site and off-site).
- Preparation of a Site Investigation Work Plan (SIWP) with WDNR approval prior to the commencement of any further SI activities is recommended.
- SI activities (onsite and offsite) could include, but are not limited to, the installation of additional soil borings, the installation of permanent groundwater monitoring wells, investigation of the impacts within the bedrock, and vapor assessments at downgradient residential properties.
- Attempts should be made to locate and sample the wells installed prior to and during the 1993 CH2M Hill investigation. If the wells are compromised, the wells should be properly abandoned.
- If redevelopment of the Site is proposed, vapor mitigation measures will need to be included.
- If supported by the WDNR, name Mercury Marine as the primary responsible party.

5.0 REFERENCES

1. Kapur Inc. (October 2021). Phase I Environmental Site Assessment: Manufacturing Property, N49W6337 Western Road and N47W6300 Jackson Street, Cedarburg, Wisconsin 53012.
2. CH2M Hill (April 8, 1993). Remedial Investigation Report: Former Mercury Marine Plant No. 1, Cedarburg, Wisconsin.
3. USGS Topographic Map (2016) Cedarburg, Wisconsin Quadrangle 7.5-Minute Series.

Disclaimer:

This investigation has been conducted to assess likely sources of environmental concern and does not represent an exhaustive study of all possible concerns at the Site. The conclusions and recommendations contained herein have been developed through the interpretation of currently available information and represent the professional opinion of Kapur. Other than this, no warranty is implied or intended.

S:\EcoDev\220009-Former Merc Marine Redevelopment\Phase II ESA\Report\Milwest Phase II ESA FINAL.docx

FIGURES & TABLES



	SHEET: BORING/TEMP WELL LOCATIONS		FIGURE: 3	NORTH ARROW: 		<p>0 87.5 175 1 inch = 175 feet</p>
	PROJECT: FORMER MERCURY MARINE					
	LOCATION: N49W6337 WESTERN ROAD, CEDARBURG, WISCONSIN 53012					
DRAWN BY: JMS	CHECKED BY: TEH	APPROVED BY: AAW	PROJECT NO.: 22.0009.01	DATE: 11/23/2021	REVISION DATE:	

we listen. we innovate.
we turn your vision into reality.



Table A.1.i: TCLP Soil Analytical Results
Former Mercury Marine
N49W6337 Western Road, Cedarburg, Wisconsin

Parameter	Units	TCLP Limit	SB-4 (10-12')
Trichloroethene	mg/L	0.5	0.15

NOTES:

Concentrations equal to or exceeding the TCLP Standards are in **bold**

TCLP= Toxicity Characteristic Leaching Procedure

mg/L=milligrams per Liter

Sample Date: October 21, 2021



Table A.2: Groundwater Analytical Results
Former Mercury Marine
N49W6337 Western Road, Cedarburg, Wisconsin

Parameter	Units	ch. NR 140 GW Quality Enforcement Standards	ch. NR 140 GW Quality Preventive Action Limits	TW-14	MSB6
Sample Date:				10/26/2021	
Polynuclear Aromatic Hydrocarbons (PAHs)					
1-Methylnaphthalene	ug/L			<0.017	<0.017
2-Methylnaphthalene	ug/L			<0.013	0.022 J
Acenaphthene	ug/L			<0.013	<0.013
Acenaphthylene	ug/L			<0.012	<0.012
Anthracene	ug/L	3,000	600	<0.018	<0.017
Benzo(a)anthracene	ug/L			0.014 J	<0.013
Benzo(a)pyrene	ug/L	0.2	0.02	<0.019	<0.018
Benzo(b)fluoranthene	ug/L	0.2	0.02	0.026	<0.018
Benzo(g,h,i)perylene	ug/L			<0.022	<0.022
Benzo(k)fluoranthene	ug/L			<0.021	<0.021
Chrysene	ug/L	0.2	0.02	0.026	<0.025
Dibenz(a,h)anthracene	ug/L			<0.017	<0.016
Fluoranthene	ug/L	400	80	0.056	<0.024
Fluorene	ug/L	400	80	<0.023	<0.022
Indeno(1,2,3-cd)pyrene	ug/L			<0.015	<0.014
Naphthalene	ug/L	100	10	0.042 J	0.035 J
Phenanthrene	ug/L			0.036 J	<0.024
Pyrene	ug/L	250	50	0.042 J	<0.021
RCRA Metals					
Arsenic, Dissolved	ug/L	10	1.0	<8.3	<8.3
Barium, Dissolved	ug/L	2000	400	40.5	53.5
Cadmium, Dissolved	ug/L	5.0	0.5	<1.3	<1.3
Chromium, Dissolved	ug/L	100	10	<2.5	<2.5
Lead, Dissolved	ug/L	15	1.5	<5.9	<5.9
Selenium, Dissolved	ug/L	50	10	<12.2	<12.2
Silver, Dissolved	ug/L	50	10	<3.2	<3.2
Mercury, Dissolved	ug/L	2.0	0.2	<0.066	<0.066
Volatile Organic Compounds (VOCs)					
1,4-Dioxane (SIM)	ug/L	3.0	0.3	0.31 J*	0.28 J*
1,1,1,2-Tetrachloroethane	ug/L	70	7.0	<0.36	<0.71
1,1,1-Trichloroethane	ug/L	200	40	<0.30	0.91 J
1,1,2,2-Tetrachloroethane	ug/L	0.2	0.02	<0.38	<0.76
1,1,2-Trichloroethane	ug/L	5.0	0.5	<0.34	<0.69
1,1-Dichloroethane	ug/L	850	85	<0.30	1.2 J
1,1-Dichloroethene	ug/L	7.0	0.7	<0.58	<1.2
1,1-Dichloropropene	ug/L			<0.41	<0.82
1,2,3-Trichlorobenzene	ug/L			<1.0	<2.0
1,2,3-Trichloropropane	ug/L	60	12	<0.56	<1.1
1,2,4-Trichlorobenzene	ug/L	70	14	<0.95	<1.9
1,2,4-Trimethylbenzene	ug/L	480	96	<0.45	<0.90
1,2-Dibromo-3-chloropropane	ug/L	0.2	0.02	<2.4	<4.7
1,2-Dibromoethane (EDB)	ug/L	0.05	0.005	<0.31	<0.62
1,2-Dichlorobenzene	ug/L	600	60	<0.33	<0.65
1,2-Dichloroethane	ug/L	5.0	0.5	<0.29	<0.58
1,2-Dichloropropane	ug/L	5.0	0.5	<0.45	<0.90
1,3,5-Trimethylbenzene	ug/L	480	96	<0.36	<0.71
1,3-Dichlorobenzene	ug/L	600	120	<0.35	<0.70
1,3-Dichloropropane	ug/L			<0.30	<0.61
1,4-Dichlorobenzene	ug/L	75	15	<0.89	<1.8
2,2-Dichloropropane	ug/L			<4.2	<8.4
2-Chlorotoluene	ug/L			<0.89	<1.8
4-Chlorotoluene	ug/L			<0.89	<1.8
Benzene	ug/L	5.0	0.5	<0.30	<0.59
Bromobenzene	ug/L			<0.36	<0.72
Bromochloromethane	ug/L			<0.36	<0.72
Bromodichloromethane	ug/L	0.6	0.06	<0.42	<0.83
Bromoform	ug/L	4.4	0.44	<3.8	<7.6
Bromomethane	ug/L	10	1.0	<1.2	<2.4
Carbon tetrachloride	ug/L	5.0	0.5	<0.37	<0.74
Chlorobenzene	ug/L	100	20	<0.86	<1.7
Chloroethane	ug/L	400	80	<1.4	<2.8
Chloroform	ug/L	6.0	0.6	<1.2	<2.4
Chloromethane	ug/L	30	3.0	<1.6	<3.3
Dibromochloromethane	ug/L	60	6.0	<2.6	<5.3
Dibromomethane	ug/L			<0.99	<2.0
Dichlorodifluoromethane	ug/L	1,000	200	<0.46	<0.91
Diisopropyl ether	ug/L			<1.1	<2.2
Ethylbenzene	ug/L	700	140	<0.33	<0.65
Hexachloro-1,3-butadiene	ug/L			<2.7	<5.5
Isopropylbenzene (Cumene)	ug/L			<1.0	<2.0
Methyl-tert-butyl ether	ug/L	60	12	<1.1	<2.3
Methylene Chloride	ug/L	5.0	0.5	<0.32	<0.64
Naphthalene	ug/L	100	10	<1.1	<2.3
Styrene	ug/L	100	10	<0.36	<0.71
Tetrachloroethene	ug/L	5.0	0.5	<0.41	<0.82
Toluene	ug/L	800	160	<0.29	<0.58
Trichloroethene	ug/L	5.0	0.5	<0.32	259
Trichlorofluoromethane	ug/L	3,490	698	<0.42	<0.84
Vinyl chloride	ug/L	0.2	0.02	<0.17	1.0
cis-1,2-Dichloroethene	ug/L	70	7.0	<0.47	14.5
cis-1,3-Dichloropropene	ug/L	0.4	0.04	<0.36	<0.72
m&p-Xylene	ug/L			<0.70	<1.4
n-Butylbenzene	ug/L			<0.86	<1.7
n-Propylbenzene	ug/L			<0.35	<0.69
o-Xylene	ug/L			<0.35	<0.70
p-Isopropyltoluene	ug/L			<1.0	<2.1
sec-Butylbenzene	ug/L			<0.42	<0.85
tert-Butylbenzene	ug/L			<0.59	<1.2
trans-1,2-Dichloroethene	ug/L	100	20	<0.53	3.8
trans-1,3-Dichloropropene	ug/L	0.4	0.04	<3.5	<6.9

NOTES:

Only analytes with a detection in at least one sample are shown

NA = Not Analyzed

ug/kg = micrograms per kilogram

Concentrations equal to or exceeding the WI NR 140 GW Quality Enforcement Standards are **bold faced**

Concentrations equal to or exceeding the WI NR 140 GW Quality Preventive Action Limits are **bold faced**

J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

* ch. NR 140.14(3): if the preventive action limit or enforcement standard is between the limit of detection (LOD) and the limit of quantitation (LOQ), the regulatory agency shall consider the preventive action limit (PAL) or enforcement standard (ES) to be attained or exceeded if the concentration of a substance is reported at or above the LOQ. The PAL or ES is not exceeded as the value of the estimated concentration is below the LOQ.

APPENDIX A

SITE PHOTOGRAPHS

PHOTOGRAPHIC LOG



Photo #	Date	
1	10/21/21	
Description Subject Property: SB-1 (facing NE).		

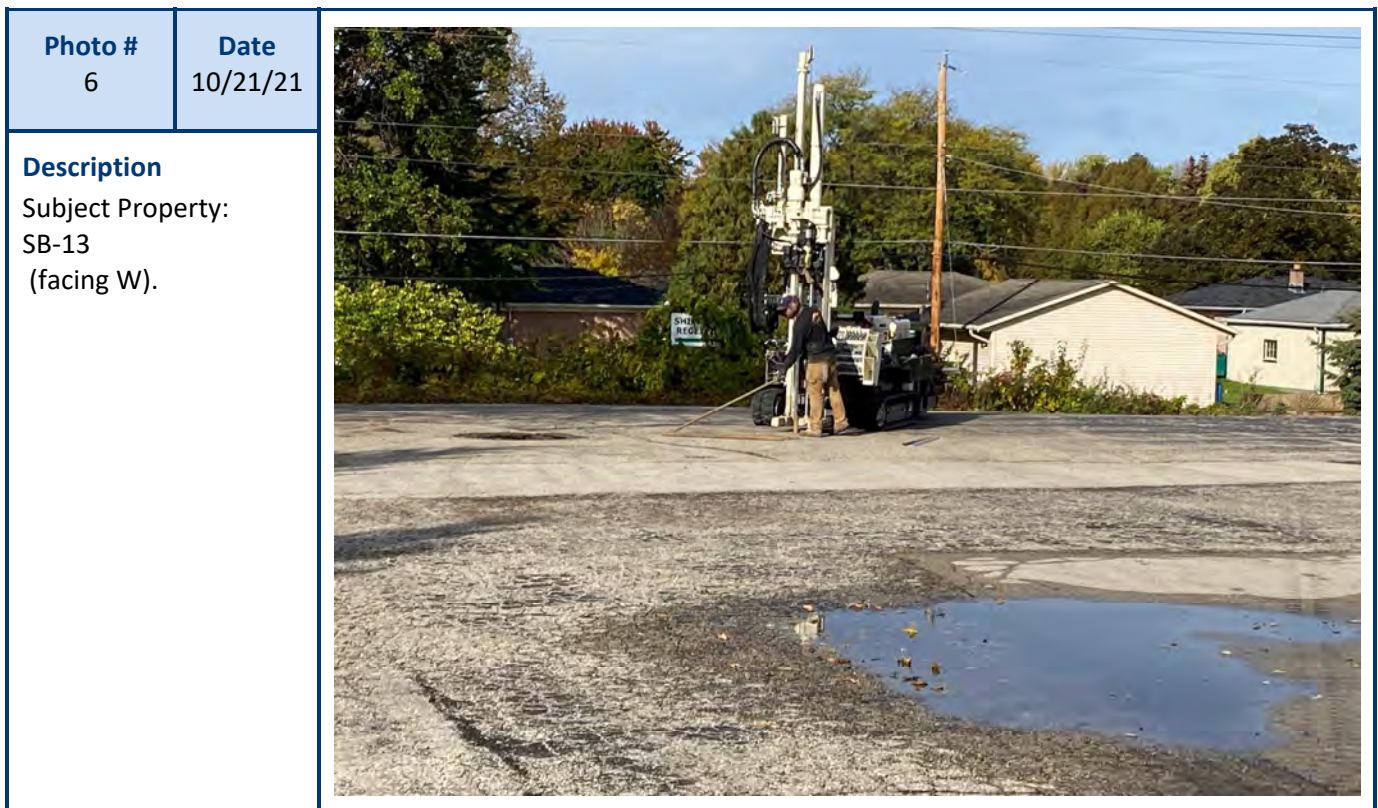
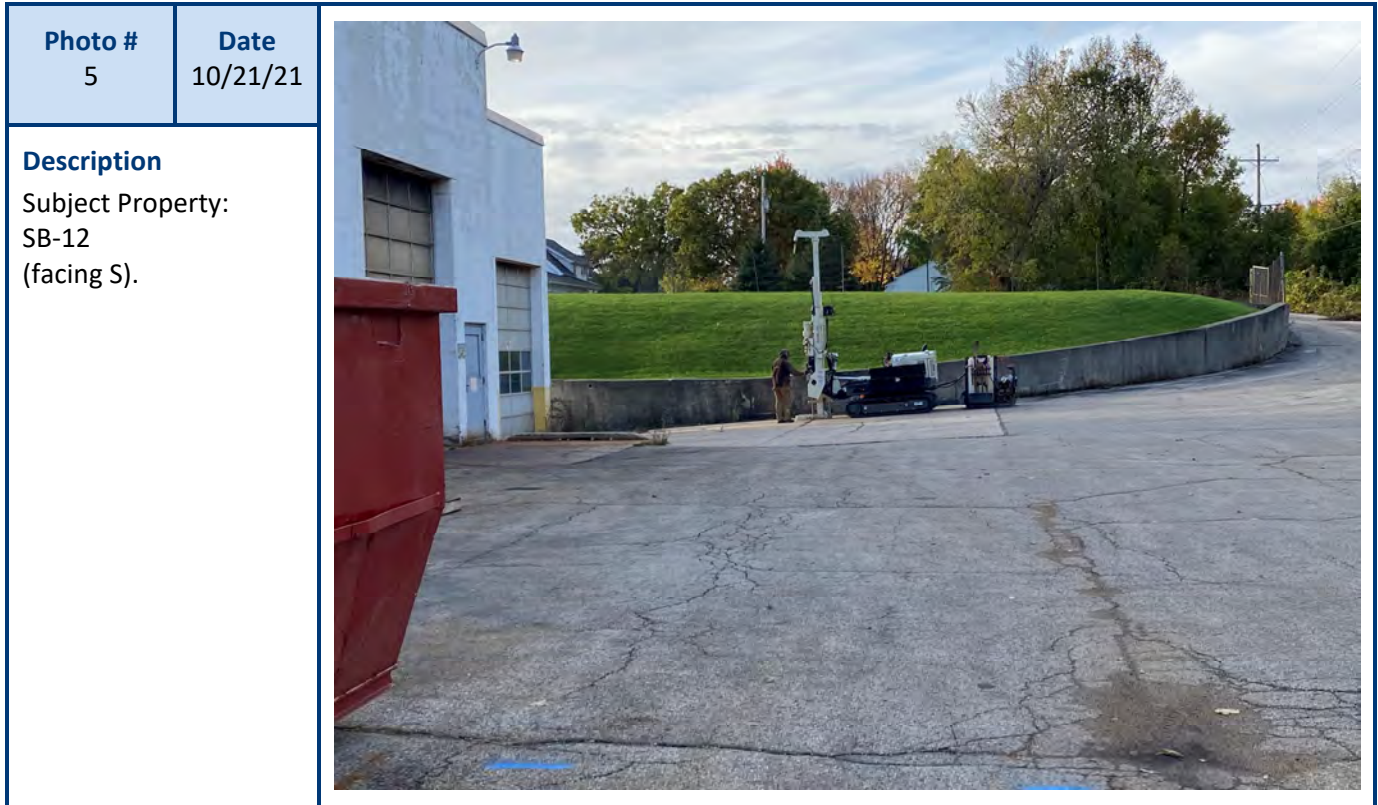
Photo #	Date	
2	10/21/21	
Description Subject Property: SB-2 (facing S).		

PHOTOGRAPHIC LOG

Photo # 3	Date 10/21/21	
<p>Description Subject Property: MSB6 (monitoring well from previous site investigation)</p>		

Photo # 4	Date 10/21/21	
<p>Description Subject Property: SB-10 (facing W).</p>		

PHOTOGRAPHIC LOG



APPENDIX B

**WDNR SOIL BORING LOGS
AND
ABANDONMENT FORMS**

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-1/ TW-1	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 47		1	ASPHALT.											
			2	FILL. Sand and gravel fill, tan, no odor.	GP										
			3	FILL. Silty clay with gravel fill, dark brown, unidentified odor.	CL-ML			0.7							Moist
			4	CLAYEY SAND. Clayey sand, brown, no odor.	SC			1.2							Sampled Interval (2-4)
	60 40		5	SAND WITH CLAY AND SILT. Clayey sand to silty sand, brown, wet @ 5.7' bur not saturated, no odor.	SC-SM			0.9							Moist, sampled interval (4-6)
			6	GRAVEL. Well graded gravel, orange, no odor.	GW			0.4							
			7	GRAVEL. Poorly graded gravel, fine grained sand, brown, no odor.	GP										
	24 24		8	SILTY SAND. Silty sand, fine grained sand, trace gravel, greyish-brown, no odor.	SM			1.0							Wet
			9	GRAVEL. Well graded gravel, no odor.	GW										
			10	BEDROCK. Off-white weather bedrock; competent bedrock is at approximately 12 ft.											No PID from 10-12'
			11	End of boring @ 12 ft											
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-10/ TW-10	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 36			1	CONCRETE										
			2	FILL. Sand and gravel fill, off-white, no odor.	GP									
60 54			3	SILTY CLAY. Silty clay, greyish green, no odor.	CL-ML			1.5						Moist
			4	SILT. Silt, grey, petroleum odor @ 3.1'-5' ft.	ML			101.9						
			5	SILT. Silt, little fine grained sand, grey, petroleum odor @ 5-6' ft.	ML			181.5					Sampled interval (4-6)	
			6	SILT. Silt with clay, varying amounts of sand and gravel, grey, petroleum odor @ 6-7' ft.	ML			8.2					Moist	
60 60			7	SILT. Silt with clay, grey, weak petroleum odor @ 10-12.4' ft.	ML			34.4					Sampled interval (8-10)	
			8	SILT. Silt with little gravel, grey, possible weathered bedrock, no odor.	ML			8.3					Wet	
			9	GRAVEL. Poorly graded gravel, dark grey, no odor.	GP									
			10	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 15ft.										
			11	End of boring @ 15 ft										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jennifer Skowron</i>	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
--------------------------------------	---	---------------------------

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-11/ TW-11	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 37		1	ASPHALT											
			2	FILL. Sand and gravel fill, off-white, no odor.	GP										
			3	FILL. Clay fill, dark brown, no odor.	CL			5.0							
			4	CLAYEY SAND. Clayey sand, brown, no odor.	SC			9.8							
	60 43		5	SILTY CLAY. Silty clay, brown mottled grey and dark brown, no odor.	CL-ML										Moist, sampled interval (2-4)
			6	COBBLE.	SM			1.6							Wet
			7	SILTY SAND. Silty sand with little gravel, brown, wet, no odor.	SW										
			8	SAND. Well graded sand, brown, no odor.				2.6							
			9	SILT. Silt with clay and gravel, brown, no odor.	ML										
	24 24		10	SAND. Clayey sand, brown, no odor.	SC			3.4							Wet, sampled interval (8-10)
			11												
			12	BEDROCK. Off-white weathered bedrock, competent bedrock is at approximately 12 ft. End of boring @ 12 ft				2.3							
								1.5							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-12/ TW-12	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	


Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 22		1	CONCRETE.											
			2	FILL. Sand and gravel fill, tan, no odor.	GP										
			3	SANDY CLAY. Sandy clay with trace gravel, brown, no odor.	SC			1.7							Moist, sampled interval (0-5)
	60 48		4												
			5	SILTY CLAY. Silty clay with gravel, brown, no odor.	CL-ML			5.4							Moist
			6												
	60 60		7												
			8	SILTY CLAY. Silty clay with sand and gravel, dark brown-grey, no odor.	CL-ML										
			9												
			10	COBBLE.	ML										
			11												
			12	SILT. Silt with clay, grey, no odor.											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jennifer Skowron</i>	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
--------------------------------------	---	---------------------------

Boring Number **SB-12/ TW-12** Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	60 41		16 17 18	SILT. Silt, grey, no odor.	ML			3.7						Moist
			18	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 18 ft. End of boring @ 18 ft				4.8						Wet, sampled interval (15-20)

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-13	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 19		1	ASPHALT											
			2	FILL. Sand and gravel fill, tan, no odor.	GP										
			4	FILL. Silty clay fill, brown, no odor.	CL-ML										
	60 23		5	SILTY CLAY. Silty clay, dark brown, no odor.	CL-ML			0.6						Moist	
	60 39		10	SILTY CLAY. Silty clay with trace gravel, brown, wet @ 11' ft, no odor.	CL-ML			4.3						Sampled interval (5-10)	

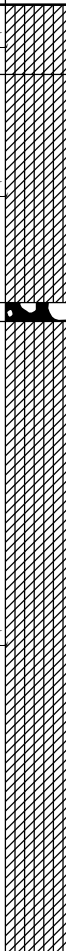
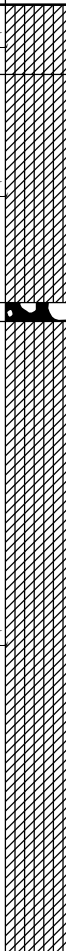
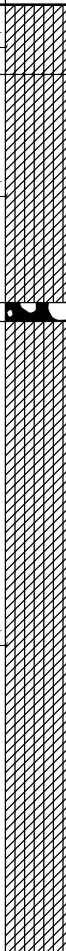
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skurowski* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Boring Number **SB-13**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	60 52		16	SILTY CLAY. Silty clay, trace sand, with coarse gravel, brown, no odor.	CL-ML			2.3					Wet @ 16', sampled interval (10-15')	
			17	SILTY CLAY. Silty clay, trace gravel, brown, wet but not saturated, no odor.	CL-ML									
	60 7		20	COBBLE.				2.9					Wet	
			21	SILTY CLAY. Silty clay, dark brown, no odor.										
	60 20		25		CL-ML			3.4					Wet	
			30	End of boring @ 30 ft										

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-14/ TW-14	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 31			1	ASPHALT										
			2	FILL. Silty clay fill, brown, no odor. COBBLE.	CL-ML									
60 51			3	SILT. Silt with clay, brown, no odor.	ML									
			4											
			5	SILT. Silt with clay, trace gravel, brown, no odor.	ML			4.0					Moist, sampled interval (0-5)	
60 60			6											
			7	SILTY CLAY. Silty clay, brown, no odor.	CL-ML			3.3				Moist		
60 60			8											
			9	SILTY CLAY. Silty clay with sand, brown, no odor.	CL-ML									
			10	SANDY SILT. Sandy silt with clay, brown, no odor.	SM									
			11											
			12											
			13											
			14											
			15											
			16											
			17											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Jennifer Skowron</i>	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
--------------------------------------	---	---------------------------

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-2/ TW-2	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 44		1	ASPHALT.											
			1	FILL. Sand and gravel fill, tan, no odor.	GP										
			2	FILL. Silty clay fill, brown, no odor.	CL-ML			0.7							Sampled interval (0-2)
			3	CONCRETE.											
			4	SILTY CLAY. Silty clay with gravel, brown mottled greyish brown, no odor.	CL-ML			0.5							Moist
	60 44		6	CLAYEY SILT. Clayey silt, greyish brown, wet @ 6.7' ft, no odor.	CL-ML			0.4							Sampled interval (4-6)
			7												
			8					0.5							Wet
			9	SAND. Well graded sand with gravel, no odor.											
	24 24		10		SW			0.3							
			11												
			12	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately @ 12 ft. End of boring @ 12 ft											NO PID (10-12)

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-3/ TW-3	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Lat _____ ° _____ ' _____ "		Long _____ ° _____ ' _____ "	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 41		1	CONCRETE.											
			2	SILTY CLAY. Silty clay with gravel, possible fill, brown mottled greyish brown, no odor.	CL-ML			0.6							
	60 39		4		CL-ML			0.5							Moist, sampled interval (2-4)
			6					0.3							
			7	SILTY CLAY. Silty clay with gravel, brown, no odor.	CL-ML			0.3							Moist
			8												
	40 48		9	GRAVEL. Well graded gravel, brown, no odor.	GW			0.8							
			10												
			11												
			12					1.5							Sampled interval (10-12)
			13	SILT. Silt with gravel, grey, no odor.	GP-GM										
			14	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 14 ft											
			15	End of boring @ 14 ft				0.4							Wet

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-4/ TW-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

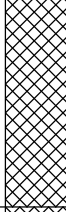
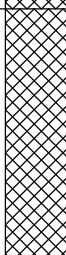
Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 40		1	CONCRETE.	GP										
			2	FILL. Sand and gravel fill, tan, no odor. CLAY. Clay fill, dark brown, no odor.	CL			1.2							Moist
			3	SILTY CLAY. Silty clay, grey, no odor. SILT. Silt, brown, no odor.	CL-ML			0.3							
			4		ML										
	60 42		5	SILTY CLAY. Silty clay with gravel, brown, no odor.	CL-ML			0.3							
			6	COBBLE.											
			7	CLAYEY SILT. Clayey silt, brown, trace gravel, no odor.	CL-ML			0.4							Wet, sampled interval (6-8)
			8		CL-ML										
			9		CL-ML										
	60 29		10	SILTY CLAY. Silty clay, trace sand and gravel, brown, no odor.	CL-ML			1.2							
			11	CLAY. Clay with some gravel and trace sand, dense, grey, no odor.	CL			0.2							Sampled interval (10-12)
			12		CL										
			13		CL										
			14		CL										
			15	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 15 ft. End of boring @ 15 ft				8.6							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
---------------	---	---------------------------

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-5/ TW-5	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	








Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
60 20			0.5	FILL. Sand and gravel fill, brown, no odor.	GP			1.7						Moist
			2.5											
60 32			5.0	FILL. Silt and clay fill, varying silt, brown, moist to wet, possible weak odor.	ML			0.9					Wet	
			8.0											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
--	--	---------------------------

Boring Number **SB-5/ TW-5** Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	48 43		10.5	FILL. Silt and clay fill, varying silt, brown, moist to wet, possible weak odor. <i>(continued)</i>	ML			1.2						Sampled interval (8-10)
			11.0	FILL. Sand and gravel fill, pieces of brick, grey, no odor.	GP									
			11.5	SILTY CLAY. Silty clay, grey, no odor.	CL-ML									
			12.0	GRAVEL. Well graded gravel, orange, no odor.	GW			0.9						Sampled interval (10-12)
			12.5	SAND. Poorly graded fine grained sand, grey, no odor.	SP									
			13.0	GRAVEL. Well graded gravel, silt with gravel, grey, no odor.	GW									
			13.5	BEDROCK. Off-white weathered bedrock; competent bedrock is approximately at 14 ft										
			14.0	End of boring @ 14 ft				2.3						

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-6	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 18		1	ASPHALT.											
			1	FILL. Sand and gravel fill, brown, no odor.	GP										
			2	SILT. Silt, tan, no odor.											
			3												
			4		ML										
	60 44		5					4.2							
			6	CLAYEY SILT. Clayey silt, trace gravel, brown, no odor.	CL-ML										Moist, sampled interval (0-5)
			7					0.1							
			8												
			9												
	35 12		10	SAND. Poorly graded fine grained sand with silt, brown, no odor.	SP										
			10	CLAYEY SILT. Clayey silt, brown, no odor.	CL-ML			0.1							
			11	SAND. Poorly graded fine grained sand, no odor.	SP			0.9							Moist, sampled interval (7-10) Wet
			11	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 11 ft											
			11	End of boring @ 11 ft											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-7	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
60	60		0.5	TOPSOIL. Dark brown topsoil, no odor.											
			1.0	FILL. Sand and gravel fill, yellowish brown, no odor.	GP										
60	50		1.5	SILT. Silt, dark brown, no odor.											
			2.0	SILT. Silt with some clay, very fine grained sand, no odor.					0.8					Moist	
			3.5		ML										
			5.0					5.0							Moist
			6.0	SILTY SAND. Silty sand with gravel, brown, no odor.	SM										
			6.5	SILT. Silt with little clay, and fine grained sand, brown, wet, no odor.											Sampled interval (4-6)
			7.5		ML										
			8.5					18.5							Sampled interval (6-8)
			9.0	SAND. Poorly graded, fine grained sand, brown, no odor.	SP										
			10.0	End of boring @ 10 ft				2.0							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Kapur Inc 7711 N Port Washington Rd Milwaukee, WI 53217	Tel: 414-751-7200 Fax:
--	---	---------------------------

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-8/ TW-8	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 23		1	ASPHALT.											Dry
			2	FILL. Sand and gravel fill, off-white, no odor.	GP										
			3	SILT. Silt, brown and grey, no odor.	ML										
	60 28		5	SILTY CLAY. Silty clay with little gravel, brown, no odor.	CL-ML			3.0							Moist, sampled interval (0-5)
			6												
			7												
			8					3.2							
			9												
	60 34		10	GRAVEL. Well graded gravel, no odor.	GW			2.0							Wet, sampled interval (5-10)
			11												
			12												
			13	SILT. Silt with gravel, grey, no odor.	ML										
				BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 13 ft											
				End of boring @ 13 ft				1.8							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax:

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Former Mercury Marine		License/Permit/Monitoring Number NA		Boring Number SB-9/ TW-9	
Boring Drilled By: Name of crew chief (first, last) and Firm Adam Sweet Horizon Construction and Exploration		Date Drilling Started 10/21/2021		Date Drilling Completed 10/22/2021	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 34, T 10 N, R 21 E		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County Ozaukee		County Code 46	
				Civil Town/City/ or Village Cedarburg	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
	60 32		1	CONCRETE.											
			2	FILL. Gravel fill with clay, brown, no odor.	GP-GC			8.1							Moist
			3	SILT. Silt with clay, brown mottled greyish brown, no odor.											
			4		ML			13.3							Sampled interval (2-4)
	60 36		5												
			6	SILT. Silt and clay, brown, stained grey from 6'-6.6' ft, more gravel with stained material, petroleum odor.	ML										
			7	GRAVEL. Well graded gravel, no odor.				3.0							Moist
			8												
			9												
	24 24		10		GW			4.5							Sampled interval (7-9)
			11					9.1							Sampled interval (9-10)
			12	BEDROCK. Off-white weathered bedrock; competent bedrock is at approximately 12 ft End of boring @ 12 ft				0.7							

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Jennifer Skowron* Firm **Kapur Inc** 7711 N Port Washington Rd Milwaukee, WI 53217 Tel: 414-751-7200 Fax: _____

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

Verification Only of Fill and Seal

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County Ozaukee	WI Unique Well # of Removed Well SB-1/ TW-1	Hicap #	Facility Name Jackson Western LLC		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)		
---	--	--	--------------------------	--	--

¼ / ¼ NE	¼ NE	Section 34	Township 10 N	Range 21	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring #	
----------	------	----------------------	-------------------------	--------------------	---	-----------------------------	--

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
---	--

Well City, Village or Town Cedarburg	Well ZIP Code 53012	Mailing Address of Present Owner PO Box 727	
--	-------------------------------	---	--

Subdivision Name	Lot #	City of Present Owner Cedarburg	State WI	ZIP Code 53012
------------------	-------	---	--------------------	--------------------------

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material		
--	---	---	--	--

3. Filled & Sealed Well / Drillhole / Borehole Information		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 10/21/2021	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 12		Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Casing Diameter (in.)		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Casing Depth (ft.)		If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
If yes, to what depth (feet)? 12		Depth to Water (feet)

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	12	0.25	

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()		Comments
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>	
			Date Signed 11/19/2021	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information			
County Ozaukee		WI Unique Well # of Removed Well SB-2/ TW-2		Hicap #		Facility Name Jackson Western LLC	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
¼ / ¼ NE NE or Gov't Lot #		Section 34		Township 10 N		Range 21 E <input type="checkbox"/> W	
Well Street Address N49W6337 Western Road and N47W6300 Jackson Street				Present Well Owner Jackson Western LLC			
Well City, Village or Town Cedarburg				Well ZIP Code 53012			
Subdivision Name				Lot #		Mailing Address of Present Owner PO Box 727	
Reason for Removal from Service Environmental Samples Only				WI Unique Well # of Replacement Well _____		City of Present Owner Cedarburg	
State WI		ZIP Code 53012		4. Pump, Liner, Screen, Casing & Sealing Material			
3. Filled & Sealed Well / Drillhole / Borehole Information				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 10/21/2021		Required Method of Placing Sealing Material			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
<input checked="" type="checkbox"/> Borehole / Drillhole		Construction Type:		Sealing Materials			
<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type:		<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		For Monitoring Wells and Monitoring Well Boreholes Only:			
Total Well Depth From Ground Surface (ft.) 12		Casing Diameter (in.)		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 12 0.25			
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If yes, to what depth (feet)? 12		Depth to Water (feet)			
5. Material Used to Fill Well / Drillhole							
3/8" Bentonite Chips							
6. Comments							
7. Supervision of Work				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing Kapur Inc		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021		Date Received	
Street or Route 7711 N Port Washington Road		Telephone Number ()		Noted By			
City Milwaukee		State WI		ZIP Code 53217		Signature of Person Doing Work <i>Jennifer S. Kuwera</i>	
						Date Signed 11/19/2021	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water
- Watershed/Wastewater
- Remediation/Redevelopment
- Waste Management
- Other: _____

1. Well Location Information

County Ozaukee	WI Unique Well # of Removed Well SB-3/ TW-3	Parcel #
Latitude / Longitude (see instructions)	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N
		Range 21 E <input type="checkbox"/> W

2. Facility / Owner Information

Facility Name Jackson Western LLC
Facility ID (FID or PWS)
License/Permit/Monitoring #
Original Well Owner

Well Street Address
N49W6337 Western Road and N47W6300 Jackson Street

Present Well Owner
Jackson Western LLC

Well City, Village or Town
Cedarburg

Mailing Address of Present Owner
PO Box 727

Subdivision Name

City of Present Owner
Cedarburg

State
WI

ZIP Code
53012

Reason for Removal from Service
Environmental Samples Only

WI Unique Well # of Replacement Well

3. Filled & Sealed Well / Drillhole / Borehole Information

<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy) 10/21/2021
<input type="checkbox"/> Water Well	
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): _____

Required Method of Placing Sealing Material

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

Formation Type:
 Unconsolidated Formation Bedrock

Sealing Materials

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips

Total Well Depth From Ground Surface (ft.)
15

Casing Diameter (in.)

Lower Drillhole Diameter (in.)
2

Casing Depth (ft.)

Was well annular space grouted? Yes No Unknown

For Monitoring Wells and Monitoring Well Boreholes Only:

<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

If yes, to what depth (feet)?
15

Depth to Water (feet)

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15	0.25	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	DNR Use Only	
Street or Route 7711 N Port Washington Road	City Milwaukee	State WI	Date Received	Noted By
Telephone Number ()	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwora</i>	Comments	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County Ozaukee	WI Unique Well # of Removed Well SB-4/ TW-4	Hicap #	Facility Name Jackson Western LLC		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)		
---	--	--	--------------------------	--	--

¼ / ¼ NE or Gov't Lot #	¼ NE	Section 34	Township 10 N	Range 21	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring #	
----------------------------	------	----------------------	-------------------------	--------------------	---	-----------------------------	--

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
---	--

Well City, Village or Town Cedarburg	Well ZIP Code 53012	Mailing Address of Present Owner PO Box 727	
--	-------------------------------	---	--

Subdivision Name	Lot #	City of Present Owner Cedarburg	State WI	ZIP Code 53012
------------------	-------	---	--------------------	--------------------------

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material		
--	---	---	--	--

3. Filled & Sealed Well / Drillhole / Borehole Information		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 10/21/2021	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 15		Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If yes, to what depth (feet)? 15		If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Depth to Water (feet)		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

Sealing Materials	
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
For Monitoring Wells and Monitoring Well Boreholes Only:	
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15	0.25	

6. Comments	

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()		Comments
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>	
			Date Signed 11/19/2021	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee	WI Unique Well # of Removed Well SB-5/ TW-5	Parcel #	Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N	Range 21 E <input type="checkbox"/> W
Well Street Address N49W6337 Western Road and N47W6300 Jackson Street			License/Permit/Monitoring #
Well City, Village or Town Cedarburg			Well ZIP Code 53012
Subdivision Name			Lot #
Reason for Removal from Service Environmental Samples Only			Original Well Owner
WI Unique Well # of Replacement Well _____			Present Well Owner Jackson Western LLC
Mailing Address of Present Owner PO Box 727			City of Present Owner Cedarburg
State WI			ZIP Code 53012

Well Street Address
N49W6337 Western Road and N47W6300 Jackson Street

Well City, Village or Town
Cedarburg

Well ZIP Code
53012

Subdivision Name

Lot #

City of Present Owner
Cedarburg

State
WI

ZIP Code
53012

Reason for Removal from Service
Environmental Samples Only

WI Unique Well # of Replacement Well

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)
10/21/2021

If a Well Construction Report is available, please attach.

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): _____

Formation Type:

Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.)
15

Casing Diameter (in.)

Lower Drillhole Diameter (in.)
2

Casing Depth (ft.)

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)?
15

Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A

Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials

Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	0.25	

6. Comments

7. Supervision of Work

Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()	Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwora</i>	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County Ozaukee	WI Unique Well # of Removed Well SB-6	Hicap #	Facility Name Jackson Western LLC		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)		
---	--	--	--------------------------	--	--

¼ / ¼ NE or Gov't Lot #	¼ NE	Section 34	Township 10 N	Range 21	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring #	
----------------------------	------	----------------------	-------------------------	--------------------	---	-----------------------------	--

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
---	--

Well City, Village or Town Cedarburg	Well ZIP Code 53012	Mailing Address of Present Owner PO Box 727	
--	-------------------------------	---	--

Subdivision Name	Lot #	City of Present Owner Cedarburg	State WI	ZIP Code 53012
------------------	-------	---	--------------------	--------------------------

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material		
--	---	---	--	--

3. Filled & Sealed Well / Drillhole / Borehole Information		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) 10/21/2021	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If a Well Construction Report is available, please attach.		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A

Total Well Depth From Ground Surface (ft.) 11	Casing Diameter (in.)	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips		

Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 11	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry		
--	------------------------------------	---	--	--

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	11	0.25	

6. Comments				

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By	
Street or Route 7711 N Port Washington Road		Telephone Number ()		Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwora</i>		Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee	WI Unique Well # of Removed Well SB-7	Parcel #	Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N	License/Permit/Monitoring #
		Range 21 E <input type="checkbox"/> W	Original Well Owner

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
---	--

Well City, Village or Town Cedarburg	Well ZIP Code 53012	Mailing Address of Present Owner PO Box 727
--	-------------------------------	---

Subdivision Name	Lot #	City of Present Owner Cedarburg	State WI	ZIP Code 53012
------------------	-------	---	--------------------	--------------------------

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material
--	---	--

3. Filled & Sealed Well / Drillhole / Borehole Information	Original Construction Date (mm/dd/yyyy) 10/21/2021	Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	If a Well Construction Report is available, please attach.	Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Water Well		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Borehole / Drillhole		Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type:		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Other (specify): _____		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Formation Type:		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft.) 10	Casing Diameter (in.)	If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	Required Method of Placing Sealing Material
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped
If yes, to what depth (feet)? 10	Depth to Water (feet)	<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
		Sealing Materials
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
		<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	10	0.25	

6. Comments				

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()	Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee	WI Unique Well # of Removed Well SB-8/TW-8	Parcel #	Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N	License/Permit/Monitoring #
		Range 21 E <input type="checkbox"/> W	Original Well Owner

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
Well City, Village or Town Cedarburg	Well ZIP Code 53012
Subdivision Name	Lot #
Mailing Address of Present Owner PO Box 727	City of Present Owner Cedarburg
	State WI
	ZIP Code 53012

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material
--	---	--

3. Filled & Sealed Well / Drillhole / Borehole Information	Original Construction Date (mm/dd/yyyy) 10/21/2021	<input type="checkbox"/> Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips

Total Well Depth From Ground Surface (ft.) 13	Casing Diameter (in.)	Required Method of Placing Sealing Material
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	<input type="checkbox"/> Other (Explain): _____
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, to what depth (feet)? 13	Depth to Water (feet)

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	13	0.25	

6. Comments

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road	Telephone Number ()	Comments		
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwora</i>	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information				2. Facility / Owner Information					
County Ozaukee		WI Unique Well # of Removed Well SB-9/ TW-9		Hicap #		Facility Name Jackson Western LLC			
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)			
1/4 / 1/4 NE NE or Gov't Lot #		Section 34		Township 10 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W			
Well Street Address N49W6337 Western Road and N47W6300 Jackson Street				Present Well Owner Jackson Western LLC					
Well City, Village or Town Cedarburg				Well ZIP Code 53012					
Subdivision Name				Lot #		Mailing Address of Present Owner PO Box 727			
Reason for Removal from Service Environmental Samples Only				WI Unique Well # of Replacement Well _____		City of Present Owner Cedarburg			
3. Filled & Sealed Well / Drillhole / Borehole Information				Original Construction Date (mm/dd/yyyy) 10/21/2021		State WI		ZIP Code 53012	
<input type="checkbox"/> Monitoring Well		<input type="checkbox"/> Water Well		<input checked="" type="checkbox"/> Borehole / Drillhole		4. Pump, Liner, Screen, Casing & Sealing Material			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 12		Casing Diameter (in.)		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2		Casing Depth (ft.)		If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Required Method of Placing Sealing Material			
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		Screened & Poured (Bentonite Chips) <input checked="" type="checkbox"/> Other (Explain): _____		Sealing Materials	
If yes, to what depth (feet)? 12		Depth to Water (feet)		Neat Cement Grout <input type="checkbox"/> Concrete		Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips		For Monitoring Wells and Monitoring Well Boreholes Only:	
5. Material Used to Fill Well / Drillhole				From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	
3/8" Bentonite Chips				Surface		12		0.25	
6. Comments									
7. Supervision of Work				DNR Use Only					
Name of Person or Firm Doing Filling & Sealing Kapur Inc		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021		Date Received		Noted By	
Street or Route 7711 N Port Washington Road				Telephone Number ()		Comments			
City Milwaukee		State WI		ZIP Code 53217		Signature of Person Doing Work <i>Jennifer S. Kuwora</i>		Date Signed 11/19/2021	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee	WI Unique Well # of Removed Well SB-10/ TW-10	Parcel #	Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N	License/Permit/Monitoring #
		Range 21 E <input type="checkbox"/> W	Original Well Owner

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
Well City, Village or Town Cedarburg	Well ZIP Code 53012
Subdivision Name	Lot #
Mailing Address of Present Owner PO Box 727	City of Present Owner Cedarburg
	State WI
	ZIP Code 53012

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material
--	---	--

3. Filled & Sealed Well / Drillhole / Borehole Information	Original Construction Date (mm/dd/yyyy) 10/21/2021	<input type="checkbox"/> Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips

Total Well Depth From Ground Surface (ft.) 15	Casing Diameter (in.)	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)? 15	Depth to Water (feet)	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15	0.25	

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()	Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

Verification Only of Fill and Seal

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee	WI Unique Well # of Removed Well SB-11/ TW-11	Parcel #	Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #	Section 34	Township 10 N	License/Permit/Monitoring #
		Range 21 E <input type="checkbox"/> W	Original Well Owner

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street	Present Well Owner Jackson Western LLC
Well City, Village or Town Cedarburg	Well ZIP Code 53012
Subdivision Name	Lot #
City of Present Owner Cedarburg	State WI
	ZIP Code 53012

Reason for Removal from Service Environmental Samples Only	WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material
--	---	--

3. Filled & Sealed Well / Drillhole / Borehole Information	Original Construction Date (mm/dd/yyyy) 10/21/2021	<input type="checkbox"/> Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips

Total Well Depth From Ground Surface (ft.) 12	Casing Diameter (in.)	Required Method of Placing Sealing Material
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, to what depth (feet)? 12	Depth to Water (feet)
5. Material Used to Fill Well / Drillhole		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry
3/8" Bentonite Chips	From (ft.) Surface	To (ft.) 12
	No. Yards, Sacks Sealant or Volume (circle one) 0.25	Mix Ratio or Mud Weight

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road		Telephone Number ()	Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwora</i>	Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County Ozaukee		WI Unique Well # of Removed Well SB-12/ TW-12		Licap #		Facility Name Jackson Western LLC	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)	
1/4 / 1/4 NE NE or Gov't Lot #		Section 34		Township 10 N		Range 21 E <input type="checkbox"/> W	
Well Street Address N49W6337 Western Road and N47W6300 Jackson Street		Well ZIP Code 53012		Present Well Owner Jackson Western LLC			
Well City, Village or Town Cedarburg		Subdivision Name		Lot #		Mailing Address of Present Owner PO Box 727	
City of Present Owner Cedarburg		State WI		ZIP Code 53012			

Reason for Removal from Service
Environmental Samples Only

WI Unique Well # of Replacement Well

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)
10/22/2021

If a Well Construction Report is available, please attach.

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

5. Material Used to Fill Well / Drillhole

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): _____

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.) 18	Casing Diameter (in.)	Required Method of Placing Sealing Material	
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	If yes, to what depth (feet)? 18	Sealing Materials	
Depth to Water (feet)		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	18	0.25	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing Kapur Inc		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	DNR Use Only	
Street or Route 7711 N Port Washington Road		City Milwaukee	State WI	ZIP Code 53217	Date Received
Telephone Number ()		Signature of Person Doing Work <i>Jennifer S. Kuwora</i>		Noted By	
Comments		Date Signed 11/19/2021			

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County Ozaukee		WI Unique Well # of Removed Well SB-13	Hicap #		Facility Name Jackson Western LLC
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)
1/4 / 1/4 NE NE or Gov't Lot #		Section 34	Township 10 N	Range 21 E <input type="checkbox"/> W	License/Permit/Monitoring #

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street			Present Well Owner Jackson Western LLC		
Well City, Village or Town Cedarburg			Well ZIP Code 53012		
Subdivision Name			Lot #	City of Present Owner Cedarburg	State WI
				ZIP Code 53012	

Reason for Removal from Service Environmental Samples Only		WI Unique Well # of Replacement Well _____	4. Pump, Liner, Screen, Casing & Sealing Material			
--	--	---	---	--	--	--

3. Filled & Sealed Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) 10/22/2021	<input type="checkbox"/> Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____		
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

Total Well Depth From Ground Surface (ft.) 30	Casing Diameter (in.)	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Lower Drillhole Diameter (in.) 2	Casing Depth (ft.)	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Depth to Water (feet) 30				

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	30	0.25	

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021	Date Received	Noted By
Street or Route 7711 N Port Washington Road			Telephone Number ()	Comments	
City Milwaukee	State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>		Date Signed 11/19/2021

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information			2. Facility / Owner Information		
County Ozaukee	WI Unique Well # of Removed Well SB-14/TW-14	Hicap #	Facility Name Jackson Western LLC		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS)		
---	--	--	--------------------------	--	--

¼ / ¼ NE or Gov't Lot #	¼ NE	Section 34	Township 10 N	Range 21	<input checked="" type="checkbox"/> E <input type="checkbox"/> W	License/Permit/Monitoring #		Original Well Owner	
----------------------------	------	----------------------	-------------------------	--------------------	---	-----------------------------	--	---------------------	--

Well Street Address N49W6337 Western Road and N47W6300 Jackson Street				Present Well Owner Jackson Western LLC			
---	--	--	--	--	--	--	--

Well City, Village or Town Cedarburg				Well ZIP Code 53012				Mailing Address of Present Owner PO Box 727			
--	--	--	--	-------------------------------	--	--	--	---	--	--	--

Subdivision Name				Lot #				City of Present Owner Cedarburg		State WI		ZIP Code 53012	
------------------	--	--	--	-------	--	--	--	---	--	--------------------	--	--------------------------	--

Reason for Removal from Service Environmental Samples Only				WI Unique Well # of Replacement Well _____				4. Pump, Liner, Screen, Casing & Sealing Material			
--	--	--	--	---	--	--	--	---	--	--	--

3. Filled & Sealed Well / Drillhole / Borehole Information				Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A					
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 10/22/2021		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____				Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A				Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 40				Casing Diameter (in.)				Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2				Casing Depth (ft.)				If yes, was hole retopped? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A				Required Method of Placing Sealing Material	
If yes, to what depth (feet)? 40				Depth to Water (feet)				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole				6. Comments			
From (ft.) Surface	To (ft.) 40	No. Yards, Sacks Sealant or Volume (circle one) 0.25	Mix Ratio or Mud Weight				
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips							
For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry							

5. Material Used to Fill Well / Drillhole				6. Comments			
From (ft.) Surface	To (ft.) 40	No. Yards, Sacks Sealant or Volume (circle one) 0.25	Mix Ratio or Mud Weight				
Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips							
For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry							

7. Supervision of Work						DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Kapur Inc			License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 10/21/2021		Date Received	Noted By
Street or Route 7711 N Port Washington Road			Telephone Number ()			Comments	
City Milwaukee		State WI	ZIP Code 53217	Signature of Person Doing Work <i>Jennifer S. Kuwera</i>		Date Signed 11/19/2021	

APPENDIX C

FIELD FORMS



KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-1			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	8:25	10:30	GP*	M	0.7	N	N
2-4	8:26	10:31	CL/ML*	M	1.2	N	Y
4-6	8:30	10:32	SC*	M	0.9	N	Y
6-8	8:31	10:33	SC/SM	W	0.4	N	N
8-10	8:32	10:34	GW/GP	W	1.0	N	N
APPROXIMATE DEPTH TO WATER TABLE				~6 FT			
NOTES	Analyzed 10/22						
	Unidentified Odor @ 2-4'						

BOREHOLE ID	SB-2			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	9:12	12:06	GP*	M	0.7	N	Y
2-4	9:13	12:07	CL-ML	M	0.5	N	N
4-6	9:15	12:08	CL-ML	M	0.4	N	Y
6-8	9:16	12:09	CL-ML	M-W	0.5	N	N
8-10	9:17	12:10	GW	S	0.3	N	N
10-12	9:20	12:11	GW	S		N	N
APPROXIMATE DEPTH TO WATER TABLE				~7 FT			
NOTES	Analyzed 10/22						

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated
 * = Fill
 ** = Possible Fill



KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-3			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	9:56	11:59	CL/ML	M	0.6	N	N
2-4	9:57	12:00	CL/ML	M	0.5	N	Y
4-6	10:00	12:01	CL/ML	M	0.3	N	N
6-8	10:01	12:02	CL/ML	M	0.3	N	N
8-10	10:02	12:03	GW	M	0.8	N	Y
10-12	10:05	12:04	GW	M	1.5	N	Y
12-15	10:06	12:05	GP/GM	W	0.4	N	N
APPROXIMATE DEPTH TO WATER TABLE				~12 FT			
NOTES	Analyzed 10/22						

BOREHOLE ID	SB-4			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	10:30	11:48	CL	M	1.2	N	N
2-4	10:31	11:49	CL/ML	M	0.3	N	N
4-6	10:35	11:50	CL/ML	M	0.3	N	N
6-8	10:36	11:51	CL/ML	M	0.4	N	Y
8-10	10:37	11:52	CL/ML	W	1.2	N	Y
10-12	10:42	11:53	CL	W	0.2	N	Y
12-15	10:43	11:54	CL	W	8.6	N	N
APPROXIMATE DEPTH TO WATER TABLE				~8 FT			
NOTES	Analyzed 10/22						

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated
 * = Fill
 ** = Possible Fill



KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-5			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	11:15	11:36	CL/ML*	M-W	1.7	N	N
2-4	11:16	11:37	ML	M	0.5	N	N
4-6	11:20	11:38	ML	M	0.9	N	N
6-8	11:21	11:39	ML	M	0.4	N	N
8-10	11:22	11:40	ML	M	1.2	N	Y
10-12	11:30	11:41	CL/ML	M-W	0.9	N	Y
12-15	11:31	11:42	SP/GW	W	2.3	N	Y
APPROXIMATE DEPTH TO WATER TABLE							
NOTES	Analyzed 10/22						

BOREHOLE ID	SB-6			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-5	11:51	11:28	FIIL/ML*	M	4.2	N	Y
5-7	11:55	11:29	CL-ML	M	0.1	N	N
7-10	11:56	11:30	CL-ML	M	0.1	N	Y
10-11	12:00	11:31	SM	W	0.9	N	N
APPROXIMATE DEPTH TO WATER TABLE							
NOTES	Analyzed 10/22						

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated

* = Fill

** = Possible Fill





KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-7			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	12:08	11:20	TS*	M	0.8	N	N
2-4	12:10	11:21	ML	M	5.0	N	N
4-6	12:15	11:22	ML	M	10.7	N	Y
6-8	12:16	11:23	ML	M-W	18.5	N	Y
8-10	12:17	11:24	SP	M	2.0	N	N
APPROXIMATE DEPTH TO WATER TABLE				~10 FT			
NOTES	MSB6 was located and will be used for groundwater sampling.						
	Analyzed 10/22						

BOREHOLE ID	SB-8			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-5	12:45	11:14	ML*	M	3.0	N	Y
5-8	12:50	11:15	CL-ML	M	3.2	N	N
8-10	12:51	11:16	CL-ML	M	2.0	N	Y
10-15	12:55	11:17	GW	S	1.8	N	N
APPROXIMATE DEPTH TO WATER TABLE				~10 FT			
NOTES	Analyzed 10/22						

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated
 * = Fill
 ** = Possible Fill



KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-9			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	13:31	11:03	GP/GC*	M	8.1	N	N
2-4	13:32	11:04	ML	M	13.3	Y	Y
4-7	13:35	11:05	ML	M	3.0	Y	N
7-9	13:36	11:06	GW	M	4.5	Y	Y
9-10	13:37	11:07	GW	M-W	9.1	Y	Y
10-12	13:40	11:08	GW	W	0.7	N	N
APPROXIMATE DEPTH TO WATER TABLE							
NOTES	Analyzed 10/22						
	Analyzed for DRO, petroleum odors present.						
	10-12' not analyzed because it is likely within the high water table. Possible GW contamination						

BOREHOLE ID	SB-10			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	14:10	10:50	GP*	M	1.5	N	N
2-4	14:11	10:51	ML	M	101.9	Y	N
4-6	14:15	10:52	ML	M	181.5	Y	Y
8-10	14:17	10:54	ML	M	8.2	Y	Y
10-12	14:20	10:55	ML	M-W	34.4	Y	N
12-15	14:21	10:56	ML	W	8.3	N	N
APPROXIMATE DEPTH TO WATER TABLE				~11'			
NOTES	Analyzed for DRO, petroleum odors present.						
	10-12' not analyzed because it is likely within the high water table. Possible GW contamination						
	Analyzed 10/22						

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated

* = Fill

** = Possible Fill





KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-11			DATE	10/21/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-2	14:30	10:37	GP*	M	5.0	Y	N
2-4	14:31	10:38	CL	M	9.8	Y	Y
4-6	14:35	10:39	CL/ML	M	1.6	N	N
6-8	14:36	10:40	SM/SW	M-W	2.6	N	N
8-10	14:37	10:41	ML	W	3.4	N	Y
10-12	14:40	10:42	SC	S	2.3	N	N
12-15	14:41	10:43	SC	W	1.5	N	N
APPROXIMATE DEPTH TO WATER TABLE							
NOTES							

BOREHOLE ID	SB-12			DATE	10/22/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-5	8:41	15:00	GP/SC	M	1.7	N	Y
5-10	8:45	15:01	CL/ML	M	5.4	N	N
10-15	8:50	15:02	CL/ML	M	3.7	N	N
15-20	8:55	15:03	ML	W	4.8	N	Y
APPROXIMATE DEPTH TO WATER TABLE							
NOTES							

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated

* = Fill

** = Possible Fill





KAPUR & ASSOCIATES PID RESULTS FIELD FORM

PROJECT NAME	FORMER MERCURY MARINE	DATE(S)	10-21-21 TO 10-22-21
PROJECT NUMBER	22.0009	WEATHER	
LOCATION	CEDARBURG	DRILLING TYPE	GEOPROBE
FIELD STAFF	JENNY S	DRILLING CONTRACTOR	Horizon
	ASHLEY W	INSTRUMENT	

BOREHOLE ID	SB-13			DATE	10/22/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-5	9:37	15:07	CL/ML	M	0.6	N	N
5-10	9:50	15:08	CL/ML	M	4.3	N	Y
10-15	10:00	15:09	CL/ML	W	2.3	N	Y
15-20	10:20	15:10	CL/ML	W	2.9	N	N
20-25	10:40	15:10	CL/ML	W	3.4	N	N
25-30	11:00	15:10	CL/ML	W	2.8	N	N
APPROXIMATE DEPTH TO WATER TABLE							
NOTES							

BOREHOLE ID	SB-14			DATE	10/22/21		
DEPTH	TIME COLLECTED	TIME ANALYZED	SOIL TYPE	MOISTURE	PID (PEAK)	ODOR? (Y/N)	SAMPLED? (Y/N)
0-5	11:27	15:11	ML	M	4.0	N	Y
5-10	11:40	15:11	ML	M	3.3	N	N
10-15	11:45	15:12	CL/ML	M	4.1	N	N
15-20	11:50	15:12	SM	M	3.4	N	Y
20-25	12:00	15:13	SM/SC	W	3.1	N	N
25-30	12:20	15:13	SC/SP	W	2.3	N	N
30-35	12:40	15:14	SC	W	4.5	N	N
35-40	12:50	15:15	SC	W	3.3	N	N
APPROXIMATE DEPTH TO WATER TABLE							
NOTES							

Moisture: D = Dry, M = Moist, W = Wet, S = Saturated
 * = Fill
 ** = Possible Fill



KAPUR & ASSOCIATES GROUNDWATER QUALITY FIELD FORM

PROJECT NAME	Former Mercury Marine	WATER LEVEL PROBE	Heron
PROJECT NUMBER	22.0009	WATER QUALITY METER(S)	Hanna
LOCATION	Cedarburg WI		
FIELD STAFF	Jenny Skweres	TURBIDITY METER	NA

WELL ID	TW-1	TW-2	TW-3	TW-4	TW-6
SAMPLE DATE	10/25/21	10/25/21	10/25/21	10/25/21	Not sampled
SAMPLE TIME	11:20	12:00	13:20	14:10	
DEPTH TO WATER (ft)	7.24	7.95	9.51	7.80	WELL DRY
DEPTH TO BOTTOM (ft)	11.64	11.16	13.75	12.75	NOT
1 CASING VOLUME (gal)	0.352	0.25	0.33	0.39	MEASURED
3 CASING VOLUME (gal)	1.056	0.77	1.01	1.18	
PURGE VOLUME (gal)	1.0	2.0	1.0	1.5	
PURGE METHOD	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	
SAMPLING METHOD	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	
SAMPLING DEPTH	10.50	9.50	12.60	9.50	
TEMPERATURE (°C)	13.40	14.50	14.10	16.6	
pH (units)	6.98	6.93	7.16	7.34	
Spec. Conductivity (ms/cm)	1048	1010	1271	1013	
ORP (mV)	NM	NM	NM	NM	
DISSOLVED OXYGEN (ppm)	NM	NM	NM	NM	
DISSOLVED OXYGEN (%)	NM	NM	NM	NM	
COLOR	Clear	Clear	Clear	Tan	
ODOR	None	None	None	None	
CLARITY	Clear	Clear	Clear	Turbid	▼
NOTES					No measurements collected. Well dry.
SAMPLING PARAMETERS	(# OF CONTAINERS, SIZE OF CONTAINER, CONTAINER TYPE (A = AMBER, G = GLASS, P = PLASTIC), PRESERVATIVE, FILTERED? (YES/NO))				
VOCs (8260B)	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No
PAH	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No
RCRA Metals	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes

1 casing vol (gallons) = (DTB – DTW) x 0.163
 Purge volume = minimum of 3 casing volumes





KAPUR & ASSOCIATES GROUNDWATER QUALITY FIELD FORM

PROJECT NAME	Former Mercury Marine	WATER LEVEL PROBE	Heron
PROJECT NUMBER	22.0009		
LOCATION	Cedarburg WI	WATER QUALITY METER(S)	Hanna
FIELD STAFF	Jenny Skweres	TURBIDITY METER	NA

WELL ID	MSB6/MW-2	TW-8	TW-9	TW-10	TW-11
SAMPLE DATE	10/26/21	10/25/21	10/25/21	10/26/21	10/26/21
SAMPLE TIME	9:30	16:30	17:00	8:30	10:30
DEPTH TO WATER (ft)	16.69	7.11	6.70	8.21	6.31
DEPTH TO BOTTOM (ft)	59.63	9.11	12.91	14.02	13.51
1 CASING VOLUME (gal)	6.90	0.16	0.49	0.46	0.57
3 CASING VOLUME (gal)	20.99	0.48	1.49	1.39	1.71
PURGE VOLUME (gal)	20.0	1.0	1.0/Dry	2.0	1.5/Dry
PURGE METHOD	Submersible Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
SAMPLING METHOD	Submersible Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
SAMPLING DEPTH	57.60	8.45	10.30	13.30	12.60
TEMPERATURE (°C)	13.30	12.2	12.5	10.90	14.7
pH (units)	7.10	7.46	6.97	7.17	7.29
Spec. Conductivity (ms/cm)	922	945	2076	2956	980
ORP (mV)	NM	NM	NM	NM	NM
DISSOLVED OXYGEN (ppm)	NM	NM	NM	NM	NM
DISSOLVED OXYGEN (%)	NM	NM	NM	NM	NM
COLOR	Clear	Clear	Tan	Clear	Tan
ODOR	None	None	None	None	None
CLARITY	Clear	Clear	Turbid	Clear	Turbid
NOTES					
SAMPLING PARAMETERS	(# OF CONTAINERS, SIZE OF CONTAINER, CONTAINER TYPE (A = AMBER, G = GLASS, P = PLASTIC), PRESERVATIVE, FILTERED? (YES/NO))				
VOCs (8260B)	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No
PAH	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No	1-100 mL; A; None; No
RCRA Metals	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes

1 casing vol (gallons) = (DTB – DTW) x 0.163
 Purge volume = minimum of 3 casing volumes





KAPUR & ASSOCIATES GROUNDWATER QUALITY FIELD FORM

PROJECT NAME	Former Mercury Marine	WATER LEVEL PROBE	Heron
PROJECT NUMBER	22.0009	WATER QUALITY METER(S)	Hanna
LOCATION	Cedarburg WI		
FIELD STAFF	Jenny Skweres	TURBIDITY METER	NA

WELL ID	TW-12	TW-14			
SAMPLE DATE	10/26/21	10/26/21			
SAMPLE TIME	12:40	12:50			
DEPTH TO WATER (ft)	14.76	24.10			
DEPTH TO BOTTOM (ft)	18.83	39.44			
1 CASING VOLUME (gal)	0.32	1.22			
3 CASING VOLUME (gal)	0.97	3.60			
PURGE VOLUME (gal)	2.5	5.0			
PURGE METHOD	Peristaltic Pump	Peristaltic Pump			
SAMPLING METHOD	Peristaltic Pump	Peristaltic Pump			
SAMPLING DEPTH	17.30	-----			
TEMPERATURE (°C)	16.9	13.40			
pH (units)	6.89	7.32			
Spec. Conductivity (ms/cm)	3799	735			
ORP (mV)	NM	NM			
DISSOLVED OXYGEN (ppm)	NM	NM			
DISSOLVED OXYGEN (%)	NM	NM			
COLOR	Clear	Clear			
ODOR	None	None			
CLARITY	Clear	Clear			
NOTES					
SAMPLING PARAMETERS	(# OF CONTAINERS, SIZE OF CONTAINER, CONTAINER TYPE (A = AMBER, G = GLASS, P = PLASTIC), PRESERVATIVE, FILTERED? (YES/NO))				
VOCs (8260B)	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No	3-40 mL; G; HCl; 3-40 mL (1,4 Dx) No			
PAH	1-100 mL; A; None; No	1-100 mL; A; None; No			
RCRA Metals	1-250 mL; P; HNO ₃ ; Yes	1-250 mL; P; HNO ₃ ; Yes			

1 casing vol (gallons) = (DTB – DTW) x 0.163
 Purge volume = minimum of 3 casing volumes



APPENDIX D

**LABORATORY ANALYTICAL REPORT
AND
CHAIN OF CUSTODY**

November 04, 2021

Travis Peterson
Kapur & Associates, Inc.
7711 N. Port Washington Road
Milwaukee, WI 53217

RE: Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Dear Travis Peterson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kapur Environmental, Kapur & Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40235717001	SB-1 (2-4)	Solid	10/21/21 08:26	10/23/21 08:55
40235717002	SB-1 (4-6)	Solid	10/21/21 08:30	10/23/21 08:55
40235717003	SB-2 (0-2)	Solid	10/21/21 09:12	10/23/21 08:55
40235717004	SB-2 (4-6)	Solid	10/21/21 09:15	10/23/21 08:55
40235717005	SB-3 (2-4)	Solid	10/21/21 09:57	10/23/21 08:55
40235717006	SB-3 (10-12)	Solid	10/21/21 10:05	10/23/21 08:55
40235717007	SB-4 (6-8)	Solid	10/21/21 10:36	10/23/21 08:55
40235717008	SB-4 (10-12)	Solid	10/21/21 10:42	10/23/21 08:55
40235717009	SB-5 (8-10)	Solid	10/21/21 11:40	10/23/21 08:55
40235717010	SB-5 (10-12)	Solid	10/21/21 11:41	10/23/21 08:55
40235717011	SB-6 (0-5)	Solid	10/21/21 11:51	10/23/21 08:55
40235717012	SB-6 (7-10)	Solid	10/21/21 11:56	10/23/21 08:55
40235717013	SB-7 (4-6)	Solid	10/21/21 12:15	10/23/21 08:55
40235717014	SB-7 (6-8)	Solid	10/21/21 12:16	10/23/21 08:55
40235717015	SB-8 (0-5)	Solid	10/21/21 12:45	10/23/21 08:55
40235717016	SB-8 (8-10)	Solid	10/21/21 12:51	10/23/21 08:55
40235717017	SB-9 (2-4)	Solid	10/21/21 13:32	10/23/21 08:55
40235717018	SB-9 (7-9)	Solid	10/21/21 13:36	10/23/21 08:55
40235717019	SB-10 (4-6)	Solid	10/21/21 14:15	10/23/21 08:55
40235717020	SB-10 (8-10)	Solid	10/21/21 14:17	10/23/21 08:55
40235717021	SB-11 (2-4)	Solid	10/21/21 14:31	10/23/21 08:55
40235717022	SB-11 (8-10)	Solid	10/21/21 14:37	10/23/21 08:55
40235717023	SB-12 (0-5)	Solid	10/22/21 08:41	10/23/21 08:55
40235717024	SB-12 (15-18)	Solid	10/22/21 08:55	10/23/21 08:55
40235717025	SB-13 (5-10)	Solid	10/22/21 09:50	10/23/21 08:55
40235717026	SB-13 (10-15)	Solid	10/22/21 10:00	10/23/21 08:55
40235717027	SB-14 (0-5)	Solid	10/22/21 11:27	10/23/21 08:55
40235717028	SB-14 (15-20)	Solid	10/22/21 11:50	10/23/21 08:55
40235717029	SB-3 (8-10)	Solid	10/21/21 10:02	10/23/21 08:55
40235717030	SB-4 (8-10)	Solid	10/21/21 10:02	10/23/21 08:55
40235717031	SB-5 (12-15)	Solid	10/21/21 11:31	10/23/21 08:55
40235717032	SB-9 (9-10)	Solid	10/21/21 13:37	10/23/21 08:55
40235717033	TRIP BLANK	Solid	10/21/21 00:00	10/23/21 08:55

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717001	SB-1 (2-4)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717002	SB-1 (4-6)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717003	SB-2 (0-2)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717004	SB-2 (4-6)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717005	SB-3 (2-4)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717006	SB-3 (10-12)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717007	SB-4 (6-8)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717008	SB-4 (10-12)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717009	SB-5 (8-10)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717010	SB-5 (10-12)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
40235717011	SB-6 (0-5)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717012	SB-6 (7-10)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717013	SB-7 (4-6)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717014	SB-7 (6-8)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717015	SB-8 (0-5)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717016	SB-8 (8-10)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
40235717017	SB-9 (2-4)	ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717018	SB-9 (7-9)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717019	SB-10 (4-6)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717020	SB-10 (8-10)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
40235717021	SB-11 (2-4)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717022	SB-11 (8-10)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717023	SB-12 (0-5)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717024	SB-12 (15-18)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
40235717025	SB-13 (5-10)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717026	SB-13 (10-15)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717027	SB-14 (0-5)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717028	SB-14 (15-20)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717029	SB-3 (8-10)	EPA 8260	SMT	64	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		ASTM D2974-87	HXB	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717030	SB-4 (8-10)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
40235717031	SB-5 (12-15)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
40235717032	SB-9 (9-10)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
40235717033	TRIP BLANK	ASTM D2974-87	HXB	1	PASI-G
		EPA 8260	ALD	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717001	SB-1 (2-4)					
EPA 6010D	Arsenic	2.7J	mg/kg	2.8	10/26/21 18:17	
EPA 6010D	Barium	44.9	mg/kg	0.57	10/26/21 18:17	MO
EPA 6010D	Chromium	13.9	mg/kg	1.1	10/26/21 18:17	
EPA 6010D	Lead	5.3	mg/kg	2.3	10/26/21 18:17	
EPA 7471	Mercury	0.035J	mg/kg	0.039	11/02/21 10:48	
ASTM D2974-87	Percent Moisture	12.8	%	0.10	10/26/21 08:34	
40235717002	SB-1 (4-6)					
EPA 6010D	Arsenic	2.5J	mg/kg	2.7	10/26/21 18:31	
EPA 6010D	Barium	33.4	mg/kg	0.55	10/26/21 18:31	
EPA 6010D	Chromium	9.6	mg/kg	1.1	10/26/21 18:31	
EPA 6010D	Lead	4.8	mg/kg	2.2	10/26/21 18:31	
EPA 7471	Mercury	0.016J	mg/kg	0.038	11/02/21 10:51	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	10/26/21 08:34	
40235717003	SB-2 (0-2)					
EPA 6010D	Arsenic	7.0	mg/kg	2.9	10/26/21 18:36	
EPA 6010D	Barium	108	mg/kg	0.58	10/26/21 18:36	
EPA 6010D	Cadmium	0.37J	mg/kg	0.58	10/26/21 18:36	
EPA 6010D	Chromium	23.5	mg/kg	1.2	10/26/21 18:36	
EPA 6010D	Lead	55.7	mg/kg	2.3	10/26/21 18:36	
EPA 7471	Mercury	0.078	mg/kg	0.041	11/02/21 10:53	
EPA 8270E	Benzo(a)anthracene	0.035J	mg/kg	0.11	11/01/21 20:24	
EPA 8270E	Benzo(a)pyrene	0.038J	mg/kg	0.10	11/01/21 20:24	
EPA 8270E	Benzo(b)fluoranthene	0.055J	mg/kg	0.12	11/01/21 20:24	
EPA 8270E	Benzo(g,h,i)perylene	0.060J	mg/kg	0.18	11/01/21 20:24	
EPA 8270E	Chrysene	0.047J	mg/kg	0.10	11/01/21 20:24	
EPA 8270E	Fluoranthene	0.11	mg/kg	0.097	11/01/21 20:24	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.055J	mg/kg	0.15	11/01/21 20:24	
EPA 8270E	Phenanthrene	0.088	mg/kg	0.087	11/01/21 20:24	
EPA 8270E	Pyrene	0.095J	mg/kg	0.15	11/01/21 20:24	
ASTM D2974-87	Percent Moisture	18.4	%	0.10	10/26/21 09:04	
40235717004	SB-2 (4-6)					
EPA 6010D	Arsenic	24.5	mg/kg	2.8	10/26/21 18:39	
EPA 6010D	Barium	59.6	mg/kg	0.56	10/26/21 18:39	
EPA 6010D	Cadmium	0.34J	mg/kg	0.56	10/26/21 18:39	
EPA 6010D	Chromium	15.2	mg/kg	1.1	10/26/21 18:39	
EPA 6010D	Lead	6.7	mg/kg	2.2	10/26/21 18:39	
EPA 7471	Mercury	0.018J	mg/kg	0.038	11/02/21 10:55	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	10/26/21 09:04	
40235717005	SB-3 (2-4)					
EPA 6010D	Arsenic	2.6J	mg/kg	2.6	10/26/21 18:41	
EPA 6010D	Barium	34.6	mg/kg	0.53	10/26/21 18:41	
EPA 6010D	Cadmium	0.22J	mg/kg	0.53	10/26/21 18:41	
EPA 6010D	Chromium	11.5	mg/kg	1.1	10/26/21 18:41	
EPA 6010D	Lead	5.1	mg/kg	2.1	10/26/21 18:41	
EPA 7471	Mercury	0.014J	mg/kg	0.036	11/02/21 10:58	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717005	SB-3 (2-4)					
ASTM D2974-87	Percent Moisture	10.4	%	0.10	10/26/21 09:04	
40235717006	SB-3 (10-12)					
EPA 6010D	Barium	10.5	mg/kg	0.52	10/26/21 18:44	
EPA 6010D	Cadmium	0.18J	mg/kg	0.52	10/26/21 18:44	
EPA 6010D	Chromium	6.6	mg/kg	1.0	10/26/21 18:44	
EPA 6010D	Lead	4.0	mg/kg	2.1	10/26/21 18:44	
EPA 7471	Mercury	0.012J	mg/kg	0.035	11/02/21 11:00	
EPA 8260	Trichloroethene	1.0	mg/kg	0.060	10/27/21 23:09	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	10/26/21 09:04	
40235717007	SB-4 (6-8)					
EPA 6010D	Arsenic	3.1	mg/kg	2.8	10/26/21 18:46	
EPA 6010D	Barium	55.0	mg/kg	0.56	10/26/21 18:46	
EPA 6010D	Cadmium	0.22J	mg/kg	0.56	10/26/21 18:46	
EPA 6010D	Chromium	12.4	mg/kg	1.1	10/26/21 18:46	
EPA 6010D	Lead	5.3	mg/kg	2.3	10/26/21 18:46	
EPA 7471	Mercury	0.014J	mg/kg	0.038	11/02/21 11:02	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	10/26/21 09:04	
40235717008	SB-4 (10-12)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.9	10/26/21 18:53	
EPA 6010D	Barium	65.3	mg/kg	0.57	10/26/21 18:53	
EPA 6010D	Cadmium	0.22J	mg/kg	0.57	10/26/21 18:53	
EPA 6010D	Chromium	16.5	mg/kg	1.1	10/26/21 18:53	
EPA 6010D	Lead	8.4	mg/kg	2.3	10/26/21 18:53	
EPA 8260	Trichloroethene	14.6	mg/kg	0.16	10/28/21 10:36	
ASTM D2974-87	Percent Moisture	12.7	%	0.10	10/26/21 09:05	
40235717009	SB-5 (8-10)					
EPA 6010D	Arsenic	3.1	mg/kg	2.9	10/26/21 18:56	
EPA 6010D	Barium	64.8	mg/kg	0.58	10/26/21 18:56	
EPA 6010D	Cadmium	0.21J	mg/kg	0.58	10/26/21 18:56	
EPA 6010D	Chromium	16.8	mg/kg	1.2	10/26/21 18:56	
EPA 6010D	Lead	6.6	mg/kg	2.3	10/26/21 18:56	
ASTM D2974-87	Percent Moisture	16.3	%	0.10	10/26/21 09:05	
40235717010	SB-5 (10-12)					
EPA 6010D	Arsenic	6.7	mg/kg	3.0	10/26/21 18:58	
EPA 6010D	Barium	89.1	mg/kg	0.60	10/26/21 18:58	
EPA 6010D	Cadmium	0.20J	mg/kg	0.60	10/26/21 18:58	
EPA 6010D	Chromium	15.3	mg/kg	1.2	10/26/21 18:58	
EPA 6010D	Lead	7.4	mg/kg	2.4	10/26/21 18:58	
EPA 8270E	Benzo(a)anthracene	0.047J	mg/kg	0.11	10/29/21 17:15	
EPA 8270E	Benzo(a)pyrene	0.040J	mg/kg	0.10	10/29/21 17:15	
EPA 8270E	Benzo(b)fluoranthene	0.043J	mg/kg	0.12	10/29/21 17:15	
EPA 8270E	Chrysene	0.052J	mg/kg	0.10	10/29/21 17:15	
EPA 8270E	Fluoranthene	0.11	mg/kg	0.096	10/29/21 17:15	
EPA 8270E	Pyrene	0.11J	mg/kg	0.15	10/29/21 17:15	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717010	SB-5 (10-12)					
EPA 8260	Trichloroethene	0.080	mg/kg	0.072	10/28/21 00:27	
ASTM D2974-87	Percent Moisture	18.0	%	0.10	10/26/21 09:05	
40235717011	SB-6 (0-5)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.6	10/26/21 19:01	
EPA 6010D	Barium	28.2	mg/kg	0.52	10/26/21 19:01	
EPA 6010D	Cadmium	0.24J	mg/kg	0.52	10/26/21 19:01	
EPA 6010D	Chromium	9.6	mg/kg	1.0	10/26/21 19:01	
EPA 6010D	Lead	6.3	mg/kg	2.1	10/26/21 19:01	
EPA 8270E	Fluoranthene	0.033J	mg/kg	0.088	10/29/21 17:36	
EPA 8270E	Phenanthrene	0.032J	mg/kg	0.080	10/29/21 17:36	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	10/26/21 09:05	
40235717012	SB-6 (7-10)					
EPA 6010D	Arsenic	2.2J	mg/kg	2.7	10/26/21 19:03	
EPA 6010D	Barium	35.1	mg/kg	0.54	10/26/21 19:03	
EPA 6010D	Cadmium	0.24J	mg/kg	0.54	10/26/21 19:03	
EPA 6010D	Chromium	10	mg/kg	1.1	10/26/21 19:03	
EPA 6010D	Lead	5.7	mg/kg	2.2	10/26/21 19:03	
ASTM D2974-87	Percent Moisture	13.2	%	0.10	10/26/21 09:05	
40235717013	SB-7 (4-6)					
EPA 6010D	Arsenic	2.0J	mg/kg	2.8	10/26/21 19:06	
EPA 6010D	Barium	33.4	mg/kg	0.55	10/26/21 19:06	
EPA 6010D	Cadmium	0.18J	mg/kg	0.55	10/26/21 19:06	
EPA 6010D	Chromium	9.8	mg/kg	1.1	10/26/21 19:06	
EPA 6010D	Lead	4.8	mg/kg	2.2	10/26/21 19:06	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	10/26/21 09:05	
40235717014	SB-7 (6-8)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.7	10/26/21 19:08	
EPA 6010D	Barium	29.3	mg/kg	0.55	10/26/21 19:08	
EPA 6010D	Cadmium	0.19J	mg/kg	0.55	10/26/21 19:08	
EPA 6010D	Chromium	8.8	mg/kg	1.1	10/26/21 19:08	
EPA 6010D	Lead	4.5	mg/kg	2.2	10/26/21 19:08	
ASTM D2974-87	Percent Moisture	11.3	%	0.10	10/26/21 09:05	
40235717015	SB-8 (0-5)					
EPA 6010D	Barium	45.5	mg/kg	0.52	10/26/21 19:11	
EPA 6010D	Cadmium	0.23J	mg/kg	0.52	10/26/21 19:11	
EPA 6010D	Chromium	13.5	mg/kg	1.0	10/26/21 19:11	
EPA 6010D	Lead	4.7	mg/kg	2.1	10/26/21 19:11	
ASTM D2974-87	Percent Moisture	11.8	%	0.10	10/26/21 09:05	
40235717016	SB-8 (8-10)					
EPA 6010D	Arsenic	3.0	mg/kg	2.7	10/26/21 19:13	
EPA 6010D	Barium	49.3	mg/kg	0.55	10/26/21 19:13	
EPA 6010D	Cadmium	0.24J	mg/kg	0.55	10/26/21 19:13	
EPA 6010D	Chromium	14.1	mg/kg	1.1	10/26/21 19:13	
EPA 6010D	Lead	5.8	mg/kg	2.2	10/26/21 19:13	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40235717016	SB-8 (8-10)					
ASTM D2974-87	Percent Moisture	10.9	%	0.10	10/26/21 09:05	
40235717017	SB-9 (2-4)					
WI MOD DRO	Diesel Range Organics	2.1J	mg/kg	4.4	11/01/21 06:59	
EPA 6010D	Arsenic	3.2	mg/kg	3.0	10/26/21 19:16	
EPA 6010D	Barium	80.7	mg/kg	0.60	10/26/21 19:16	
EPA 6010D	Cadmium	0.29J	mg/kg	0.60	10/26/21 19:16	
EPA 6010D	Chromium	19.9	mg/kg	1.2	10/26/21 19:16	
EPA 6010D	Lead	6.3	mg/kg	2.4	10/26/21 19:16	
ASTM D2974-87	Percent Moisture	17.1	%	0.10	10/26/21 09:05	
40235717018	SB-9 (7-9)					
WI MOD DRO	Diesel Range Organics	22.4	mg/kg	4.2	11/01/21 07:08	DC
EPA 6010D	Arsenic	2.5J	mg/kg	2.9	10/26/21 19:23	
EPA 6010D	Barium	35.1	mg/kg	0.58	10/26/21 19:23	
EPA 6010D	Chromium	11.4	mg/kg	1.2	10/26/21 19:23	
EPA 6010D	Lead	5.1	mg/kg	2.3	10/26/21 19:23	
EPA 8270E	Benzo(a)anthracene	0.042J	mg/kg	0.10	11/02/21 19:25	
EPA 8270E	Benzo(a)pyrene	0.044J	mg/kg	0.097	11/02/21 19:25	
EPA 8270E	Benzo(b)fluoranthene	0.041J	mg/kg	0.11	11/02/21 19:25	
EPA 8270E	Benzo(g,h,i)perylene	0.068J	mg/kg	0.17	11/02/21 19:25	
EPA 8270E	Benzo(k)fluoranthene	0.083J	mg/kg	0.16	11/02/21 19:25	
EPA 8270E	Chrysene	0.067J	mg/kg	0.097	11/02/21 19:25	
EPA 8270E	Fluoranthene	0.13	mg/kg	0.092	11/02/21 19:25	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.061J	mg/kg	0.14	11/02/21 19:25	
EPA 8270E	Naphthalene	0.078J	mg/kg	0.23	11/02/21 19:25	
EPA 8270E	Phenanthrene	0.079J	mg/kg	0.083	11/02/21 19:25	
EPA 8270E	Pyrene	0.13J	mg/kg	0.14	11/02/21 19:25	
EPA 8260	n-Butylbenzene	0.33	mg/kg	0.066	10/28/21 03:02	
EPA 8260	sec-Butylbenzene	0.29	mg/kg	0.066	10/28/21 03:02	
EPA 8260	tert-Butylbenzene	0.12	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Ethylbenzene	0.045J	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Isopropylbenzene (Cumene)	0.17	mg/kg	0.066	10/28/21 03:02	
EPA 8260	p-Isopropyltoluene	0.31	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Naphthalene	0.56	mg/kg	0.33	10/28/21 03:02	
EPA 8260	n-Propylbenzene	0.28	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Trichloroethene	0.33	mg/kg	0.066	10/28/21 03:02	
EPA 8260	1,2,4-Trimethylbenzene	2.7	mg/kg	0.066	10/28/21 03:02	
EPA 8260	1,3,5-Trimethylbenzene	1.1	mg/kg	0.066	10/28/21 03:02	
EPA 8260	m&p-Xylene	0.065J	mg/kg	0.13	10/28/21 03:02	
EPA 8260	o-Xylene	0.022J	mg/kg	0.066	10/28/21 03:02	
ASTM D2974-87	Percent Moisture	14.1	%	0.10	10/26/21 09:05	
40235717019	SB-10 (4-6)					
WI MOD DRO	Diesel Range Organics	1110	mg/kg	99.8	11/01/21 08:47	DC
EPA 6010D	Arsenic	3.0	mg/kg	2.7	10/26/21 19:26	
EPA 6010D	Barium	33.7	mg/kg	0.53	10/26/21 19:26	
EPA 6010D	Chromium	11.2	mg/kg	1.1	10/26/21 19:26	
EPA 6010D	Lead	5.3	mg/kg	2.1	10/26/21 19:26	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717019	SB-10 (4-6)					
EPA 8270E	Benzo(a)pyrene	0.30J	mg/kg	0.37	11/01/21 21:27	
EPA 8270E	Benzo(b)fluoranthene	0.21J	mg/kg	0.43	11/01/21 21:27	
EPA 8270E	Benzo(g,h,i)perylene	0.48J	mg/kg	0.65	11/01/21 21:27	
EPA 8270E	Benzo(k)fluoranthene	0.19J	mg/kg	0.59	11/01/21 21:27	
EPA 8270E	Dibenz(a,h)anthracene	0.51J	mg/kg	0.67	11/01/21 21:27	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.60	mg/kg	0.54	11/01/21 21:27	
EPA 8260	n-Butylbenzene	0.23	mg/kg	0.062	10/28/21 03:41	
EPA 8260	sec-Butylbenzene	0.10	mg/kg	0.062	10/28/21 03:41	
EPA 8260	Isopropylbenzene (Cumene)	0.052J	mg/kg	0.062	10/28/21 03:41	
EPA 8260	p-Isopropyltoluene	0.089	mg/kg	0.062	10/28/21 03:41	
EPA 8260	Naphthalene	0.089J	mg/kg	0.31	10/28/21 03:41	
EPA 8260	n-Propylbenzene	0.18	mg/kg	0.062	10/28/21 03:41	
EPA 8260	1,2,4-Trimethylbenzene	1.2	mg/kg	0.062	10/28/21 03:41	
EPA 8260	1,3,5-Trimethylbenzene	0.43	mg/kg	0.062	10/28/21 03:41	
EPA 8260	m&p-Xylene	0.027J	mg/kg	0.12	10/28/21 03:41	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	10/26/21 09:06	
40235717020	SB-10 (8-10)					
WI MOD DRO	Diesel Range Organics	4.3	mg/kg	4.0	11/01/21 08:38	DC
EPA 6010D	Arsenic	2.7J	mg/kg	2.7	10/26/21 19:28	
EPA 6010D	Barium	31.5	mg/kg	0.54	10/26/21 19:28	
EPA 6010D	Cadmium	0.21J	mg/kg	0.54	10/26/21 19:28	
EPA 6010D	Chromium	8.3	mg/kg	1.1	10/26/21 19:28	
EPA 6010D	Lead	7.5	mg/kg	2.2	10/26/21 19:28	
EPA 8260	sec-Butylbenzene	0.027J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	Ethylbenzene	0.021J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	Isopropylbenzene (Cumene)	0.020J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	n-Propylbenzene	0.083	mg/kg	0.061	10/28/21 10:16	
EPA 8260	1,2,4-Trimethylbenzene	0.086	mg/kg	0.061	10/28/21 10:16	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	10/26/21 09:06	
40235717021	SB-11 (2-4)					
EPA 6010D	Arsenic	4.3	mg/kg	3.0	10/26/21 13:59	
EPA 6010D	Barium	102	mg/kg	0.60	10/26/21 13:59	MO
EPA 6010D	Cadmium	0.35J	mg/kg	0.60	10/26/21 13:59	
EPA 6010D	Chromium	24.2	mg/kg	1.2	10/26/21 13:59	
EPA 6010D	Lead	13.1	mg/kg	2.4	10/26/21 13:59	
EPA 7471	Mercury	0.035J	mg/kg	0.042	11/03/21 10:58	
ASTM D2974-87	Percent Moisture	16.7	%	0.10	10/26/21 09:35	
40235717022	SB-11 (8-10)					
EPA 6010D	Arsenic	2.7	mg/kg	2.6	10/26/21 14:08	
EPA 6010D	Barium	36.5	mg/kg	0.53	10/26/21 14:08	
EPA 6010D	Cadmium	0.24J	mg/kg	0.53	10/26/21 14:08	
EPA 6010D	Chromium	8.4	mg/kg	1.1	10/26/21 14:08	
EPA 6010D	Lead	6.0	mg/kg	2.1	10/26/21 14:08	
EPA 8260	1,1-Dichloroethane	0.073	mg/kg	0.061	10/29/21 16:12	
EPA 8260	cis-1,2-Dichloroethene	0.020J	mg/kg	0.061	10/29/21 16:12	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	10/26/21 09:35	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40235717023	SB-12 (0-5)					
EPA 6010D	Arsenic	2.9	mg/kg	2.8	10/26/21 14:13	
EPA 6010D	Barium	31.0	mg/kg	0.55	10/26/21 14:13	
EPA 6010D	Cadmium	0.49J	mg/kg	0.55	10/26/21 14:13	
EPA 6010D	Chromium	38.2	mg/kg	1.1	10/26/21 14:13	
EPA 6010D	Lead	60.6	mg/kg	2.2	10/26/21 14:13	
EPA 6010D	Silver	0.37J	mg/kg	1.1	10/26/21 14:13	
EPA 8270E	Anthracene	0.083J	mg/kg	0.21	11/02/21 19:46	
EPA 8270E	Benzo(a)anthracene	0.87	mg/kg	0.20	11/02/21 19:46	
EPA 8270E	Benzo(a)pyrene	1.3	mg/kg	0.20	11/02/21 19:46	
EPA 8270E	Benzo(b)fluoranthene	2.1	mg/kg	0.22	11/02/21 19:46	
EPA 8270E	Benzo(g,h,i)perylene	1.6	mg/kg	0.34	11/02/21 19:46	
EPA 8270E	Benzo(k)fluoranthene	0.78	mg/kg	0.31	11/02/21 19:46	
EPA 8270E	Chrysene	1.4	mg/kg	0.19	11/02/21 19:46	
EPA 8270E	Dibenz(a,h)anthracene	0.24J	mg/kg	0.35	11/02/21 19:46	
EPA 8270E	Fluoranthene	2.7	mg/kg	0.18	11/02/21 19:46	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1.4	mg/kg	0.28	11/02/21 19:46	
EPA 8270E	Phenanthrene	0.99	mg/kg	0.17	11/02/21 19:46	
EPA 8270E	Pyrene	2.5	mg/kg	0.29	11/02/21 19:46	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	10/26/21 09:35	
40235717024	SB-12 (15-18)					
EPA 6010D	Arsenic	1.9J	mg/kg	2.9	10/26/21 14:16	
EPA 6010D	Barium	44.0	mg/kg	0.58	10/26/21 14:16	
EPA 6010D	Cadmium	0.20J	mg/kg	0.58	10/26/21 14:16	
EPA 6010D	Chromium	26.3	mg/kg	1.2	10/26/21 14:16	
EPA 6010D	Lead	5.0	mg/kg	2.3	10/26/21 14:16	
ASTM D2974-87	Percent Moisture	15.0	%	0.10	10/26/21 09:35	
40235717025	SB-13 (5-10)					
EPA 6010D	Arsenic	6.0	mg/kg	3.1	10/26/21 14:23	
EPA 6010D	Barium	68.3	mg/kg	0.61	10/26/21 14:23	
EPA 6010D	Chromium	24.9	mg/kg	1.2	10/26/21 14:23	
EPA 6010D	Lead	12.4	mg/kg	2.4	10/26/21 14:23	
EPA 7471	Mercury	0.039J	mg/kg	0.042	11/03/21 11:16	
ASTM D2974-87	Percent Moisture	18.9	%	0.10	10/26/21 09:35	
40235717026	SB-13 (10-15)					
EPA 6010D	Arsenic	4.0	mg/kg	2.8	10/26/21 14:25	
EPA 6010D	Barium	42.6	mg/kg	0.55	10/26/21 14:25	
EPA 6010D	Cadmium	0.19J	mg/kg	0.55	10/26/21 14:25	
EPA 6010D	Chromium	13.0	mg/kg	1.1	10/26/21 14:25	
EPA 6010D	Lead	10.0	mg/kg	2.2	10/26/21 14:25	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	10/26/21 09:35	
40235717027	SB-14 (0-5)					
EPA 6010D	Arsenic	2.8	mg/kg	2.7	10/26/21 14:28	
EPA 6010D	Barium	34.6	mg/kg	0.54	10/26/21 14:28	
EPA 6010D	Cadmium	0.24J	mg/kg	0.54	10/26/21 14:28	
EPA 6010D	Chromium	10.5	mg/kg	1.1	10/26/21 14:28	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40235717027	SB-14 (0-5)					
EPA 6010D	Lead	6.0	mg/kg	2.2	10/26/21 14:28	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	10/26/21 09:35	
40235717028	SB-14 (15-20)					
EPA 6010D	Arsenic	2.0J	mg/kg	2.7	10/26/21 14:30	
EPA 6010D	Barium	38.2	mg/kg	0.53	10/26/21 14:30	
EPA 6010D	Cadmium	0.17J	mg/kg	0.53	10/26/21 14:30	
EPA 6010D	Chromium	12.1	mg/kg	1.1	10/26/21 14:30	
EPA 6010D	Lead	4.9	mg/kg	2.1	10/26/21 14:30	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	10/26/21 09:35	
40235717029	SB-3 (8-10)					
EPA 6010D	Barium	43.6	mg/kg	0.52	10/26/21 14:33	
EPA 6010D	Cadmium	0.22J	mg/kg	0.52	10/26/21 14:33	
EPA 6010D	Chromium	19.5	mg/kg	1.0	10/26/21 14:33	
EPA 6010D	Lead	6.3	mg/kg	2.1	10/26/21 14:33	
EPA 8270E	Benzo(g,h,i)perylene	0.072J	mg/kg	0.17	11/02/21 11:02	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.060J	mg/kg	0.14	11/02/21 11:02	
EPA 8260	Trichloroethene	2.5	mg/kg	0.065	10/29/21 18:29	
ASTM D2974-87	Percent Moisture	12.8	%	0.10	10/26/21 09:35	
40235717030	SB-4 (8-10)					
EPA 6010D	Arsenic	1.8J	mg/kg	2.9	10/26/21 14:36	
EPA 6010D	Barium	56.3	mg/kg	0.58	10/26/21 14:36	
EPA 6010D	Cadmium	0.31J	mg/kg	0.58	10/26/21 14:36	
EPA 6010D	Chromium	14.5	mg/kg	1.2	10/26/21 14:36	
EPA 6010D	Lead	6.5	mg/kg	2.3	10/26/21 14:36	
EPA 8260	1,1,1-Trichloroethane	0.065J	mg/kg	0.066	10/29/21 18:48	
EPA 8260	Trichloroethene	1.6	mg/kg	0.066	10/29/21 18:48	
ASTM D2974-87	Percent Moisture	13.6	%	0.10	10/26/21 09:35	
40235717031	SB-5 (12-15)					
EPA 6010D	Arsenic	4.5	mg/kg	2.6	10/26/21 14:45	
EPA 6010D	Barium	13.1	mg/kg	0.52	10/26/21 14:45	
EPA 6010D	Chromium	6.4	mg/kg	1.0	10/26/21 14:45	
EPA 6010D	Lead	5.6	mg/kg	2.1	10/26/21 14:45	
EPA 8270E	Benzo(a)pyrene	0.078J	mg/kg	0.090	11/02/21 15:35	
EPA 8270E	Benzo(b)fluoranthene	0.051J	mg/kg	0.10	11/02/21 15:35	
EPA 8270E	Benzo(g,h,i)perylene	0.087J	mg/kg	0.16	11/02/21 15:35	
EPA 8270E	Benzo(k)fluoranthene	0.050J	mg/kg	0.14	11/02/21 15:35	
EPA 8270E	Dibenz(a,h)anthracene	0.081J	mg/kg	0.16	11/02/21 15:35	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.12J	mg/kg	0.13	11/02/21 15:35	
EPA 8260	Trichloroethene	0.23	mg/kg	0.057	10/29/21 19:08	
ASTM D2974-87	Percent Moisture	6.5	%	0.10	10/26/21 09:36	
40235717032	SB-9 (9-10)					
EPA 6010D	Arsenic	2.1J	mg/kg	2.7	10/26/21 14:48	
EPA 6010D	Barium	11.4	mg/kg	0.55	10/26/21 14:48	
EPA 6010D	Cadmium	0.24J	mg/kg	0.55	10/26/21 14:48	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717032	SB-9 (9-10)					
EPA 6010D	Chromium	5.9	mg/kg	1.1	10/26/21 14:48	
EPA 6010D	Lead	4.0	mg/kg	2.2	10/26/21 14:48	
EPA 8260	1,2,4-Trimethylbenzene	0.027J	mg/kg	0.063	11/01/21 13:28	
ASTM D2974-87	Percent Moisture	11.8	%	0.10	10/26/21 09:36	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7J	mg/kg	2.8	1.7	1	10/26/21 07:24	10/26/21 18:17	7440-38-2	
Barium	44.9	mg/kg	0.57	0.17	1	10/26/21 07:24	10/26/21 18:17	7440-39-3	M0
Cadmium	<0.15	mg/kg	0.57	0.15	1	10/26/21 07:24	10/26/21 18:17	7440-43-9	
Chromium	13.9	mg/kg	1.1	0.32	1	10/26/21 07:24	10/26/21 18:17	7440-47-3	
Lead	5.3	mg/kg	2.3	0.68	1	10/26/21 07:24	10/26/21 18:17	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:17	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:17	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.035J	mg/kg	0.039	0.011	1	11/02/21 06:43	11/02/21 10:48	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:43	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:43	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 12:43	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	11/01/21 12:43	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 12:43	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 12:43	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:43	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 12:43	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 12:43	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 12:43	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	11/01/21 12:43	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 12:43	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	10/28/21 12:41	11/01/21 12:43	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:43	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 12:43	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:43	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:43	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	11/01/21 12:43	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:43	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	94	%	40-96		1	10/28/21 12:41	11/01/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	85	%	14-110		1	10/28/21 12:41	11/01/21 12:43	321-60-8	
Terphenyl-d14 (S)	94	%	10-121		1	10/28/21 12:41	11/01/21 12:43	1718-51-0	
Phenol-d6 (S)	85	%	14-104		1	10/28/21 12:41	11/01/21 12:43	13127-88-3	
2-Fluorophenol (S)	85	%	10-112		1	10/28/21 12:41	11/01/21 12:43	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-128		1	10/28/21 12:41	11/01/21 12:43	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 21:51	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 21:51	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/26/21 08:45	10/27/21 21:51	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/27/21 21:51	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	56-23-5	
Chlorobenzene	<0.0078	mg/kg	0.065	0.0078	1	10/26/21 08:45	10/27/21 21:51	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 21:51	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 21:51	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 21:51	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 21:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/27/21 21:51	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/26/21 08:45	10/27/21 21:51	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.32	0.19	1	10/26/21 08:45	10/27/21 21:51	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 21:51	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 21:51	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/26/21 08:45	10/27/21 21:51	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/26/21 08:45	10/27/21 21:51	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 21:51	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 21:51	79-00-5	
Trichloroethene	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 21:51	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/26/21 08:45	10/27/21 21:51	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/27/21 21:51	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 21:51	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	95-47-6	
Surrogates									
Toluene-d8 (S)	129	%	67-159		1	10/26/21 08:45	10/27/21 21:51	2037-26-5	
4-Bromofluorobenzene (S)	134	%	66-153		1	10/26/21 08:45	10/27/21 21:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	82-158		1	10/26/21 08:45	10/27/21 21:51	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	12.8	%	0.10	0.10	1	10/26/21 08:34			
------------------	------	---	------	------	---	----------------	--	--	--

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.5J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 18:31	7440-38-2	
Barium	33.4	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 18:31	7440-39-3	
Cadmium	<0.15	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 18:31	7440-43-9	
Chromium	9.6	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:31	7440-47-3	
Lead	4.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 18:31	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 18:31	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 18:31	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.016J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 10:51	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 17:58	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 17:58	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 17:58	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 17:58	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 17:58	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 17:58	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 17:58	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 17:58	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 17:58	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 17:58	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 17:58	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 17:58	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 17:58	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 17:58	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 17:58	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 17:58	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 17:58	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 17:58	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 17:58	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	10/28/21 12:41	11/01/21 17:58	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	10/28/21 12:41	11/01/21 17:58	321-60-8	
Terphenyl-d14 (S)	84	%	10-121		1	10/28/21 12:41	11/01/21 17:58	1718-51-0	
Phenol-d6 (S)	77	%	14-104		1	10/28/21 12:41	11/01/21 17:58	13127-88-3	
2-Fluorophenol (S)	77	%	10-112		1	10/28/21 12:41	11/01/21 17:58	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-128		1	10/28/21 12:41	11/01/21 17:58	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 22:10	71-43-2	
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:10	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 22:10	75-25-2	
Bromomethane	<0.090	mg/kg	0.32	0.090	1	10/26/21 08:45	10/27/21 22:10	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/27/21 22:10	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:10	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.064	0.0077	1	10/26/21 08:45	10/27/21 22:10	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 22:10	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 22:10	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 22:10	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 22:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:10	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/27/21 22:10	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:10	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/27/21 22:10	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 22:10	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 22:10	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:10	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 22:10	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:10	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:10	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/27/21 22:10	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 22:10	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:10	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/27/21 22:10	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/27/21 22:10	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 22:10	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/26/21 08:45	10/27/21 22:10	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	10/26/21 08:45	10/27/21 22:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	10/26/21 08:45	10/27/21 22:10	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.2	%	0.10	0.10	1		10/26/21 08:34		

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	7.0	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:36	7440-38-2	
Barium	108	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 18:36	7440-39-3	
Cadmium	0.37J	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 18:36	7440-43-9	
Chromium	23.5	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 18:36	7440-47-3	
Lead	55.7	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 18:36	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:36	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	10/26/21 07:24	10/26/21 18:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.078	mg/kg	0.041	0.012	1	11/02/21 06:43	11/02/21 10:53	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	11/01/21 20:24	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	11/01/21 20:24	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 20:24	120-12-7	
Benzo(a)anthracene	0.035J	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 20:24	56-55-3	
Benzo(a)pyrene	0.038J	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 20:24	50-32-8	
Benzo(b)fluoranthene	0.055J	mg/kg	0.12	0.035	1	10/28/21 12:41	11/01/21 20:24	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	0.060J	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 20:24	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 20:24	207-08-9	
Chrysene	0.047J	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 20:24	218-01-9	
Dibenz(a,h)anthracene	<0.056	mg/kg	0.19	0.056	1	10/28/21 12:41	11/01/21 20:24	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	10/28/21 12:41	11/01/21 20:24	123-91-1	
Fluoranthene	0.11	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 20:24	206-44-0	
Fluorene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 20:24	86-73-7	
Indeno(1,2,3-cd)pyrene	0.055J	mg/kg	0.15	0.044	1	10/28/21 12:41	11/01/21 20:24	193-39-5	
1-Methylnaphthalene	<0.058	mg/kg	0.19	0.058	1	10/28/21 12:41	11/01/21 20:24	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	11/01/21 20:24	91-57-6	
Naphthalene	<0.072	mg/kg	0.24	0.072	1	10/28/21 12:41	11/01/21 20:24	91-20-3	
Phenanthrene	0.088	mg/kg	0.087	0.026	1	10/28/21 12:41	11/01/21 20:24	85-01-8	
Pyrene	0.095J	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 20:24	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	74	%	40-96		1	10/28/21 12:41	11/01/21 20:24	4165-60-0	
2-Fluorobiphenyl (S)	68	%	14-110		1	10/28/21 12:41	11/01/21 20:24	321-60-8	
Terphenyl-d14 (S)	70	%	10-121		1	10/28/21 12:41	11/01/21 20:24	1718-51-0	
Phenol-d6 (S)	62	%	14-104		1	10/28/21 12:41	11/01/21 20:24	13127-88-3	
2-Fluorophenol (S)	60	%	10-112		1	10/28/21 12:41	11/01/21 20:24	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-128		1	10/28/21 12:41	11/01/21 20:24	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.029	0.017	1	10/26/21 08:45	10/27/21 21:31	71-43-2	
Bromobenzene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	75-27-4	
Bromoform	<0.32	mg/kg	0.36	0.32	1	10/26/21 08:45	10/27/21 21:31	75-25-2	
Bromomethane	<0.10	mg/kg	0.36	0.10	1	10/26/21 08:45	10/27/21 21:31	74-83-9	
n-Butylbenzene	<0.033	mg/kg	0.073	0.033	1	10/26/21 08:45	10/27/21 21:31	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.073	0.023	1	10/26/21 08:45	10/27/21 21:31	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	56-23-5	
Chlorobenzene	<0.0087	mg/kg	0.073	0.0087	1	10/26/21 08:45	10/27/21 21:31	108-90-7	
Chloroethane	<0.031	mg/kg	0.36	0.031	1	10/26/21 08:45	10/27/21 21:31	75-00-3	
Chloroform	<0.052	mg/kg	0.36	0.052	1	10/26/21 08:45	10/27/21 21:31	67-66-3	
Chloromethane	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	74-87-3	
2-Chlorotoluene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	95-49-8	
4-Chlorotoluene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	106-43-4	
1,2-Dibromo-3-chloropropane	<0.056	mg/kg	0.36	0.056	1	10/26/21 08:45	10/27/21 21:31	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.36	0.25	1	10/26/21 08:45	10/27/21 21:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	106-93-4	
Dibromomethane	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	106-46-7	
Dichlorodifluoromethane	<0.031	mg/kg	0.073	0.031	1	10/26/21 08:45	10/27/21 21:31	75-71-8	
1,1-Dichloroethane	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	75-35-4	
cis-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	142-28-9	
2,2-Dichloropropane	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	594-20-7	
1,1-Dichloropropene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	563-58-6	
cis-1,3-Dichloropropene	<0.048	mg/kg	0.36	0.048	1	10/26/21 08:45	10/27/21 21:31	10061-01-5	
trans-1,3-Dichloropropene	<0.21	mg/kg	0.36	0.21	1	10/26/21 08:45	10/27/21 21:31	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.36	0.14	1	10/26/21 08:45	10/27/21 21:31	87-68-3	
Isopropylbenzene (Cumene)	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	1634-04-4	
Naphthalene	<0.023	mg/kg	0.36	0.023	1	10/26/21 08:45	10/27/21 21:31	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	103-65-1	
Styrene	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.073	0.026	1	10/26/21 08:45	10/27/21 21:31	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	127-18-4	
Toluene	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	108-88-3	
1,2,3-Trichlorobenzene	<0.081	mg/kg	0.36	0.081	1	10/26/21 08:45	10/27/21 21:31	87-61-6	
1,2,4-Trichlorobenzene	<0.060	mg/kg	0.36	0.060	1	10/26/21 08:45	10/27/21 21:31	120-82-1	
1,1,1-Trichloroethane	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.073	0.026	1	10/26/21 08:45	10/27/21 21:31	79-00-5	
Trichloroethene	<0.027	mg/kg	0.073	0.027	1	10/26/21 08:45	10/27/21 21:31	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	75-69-4	
1,2,3-Trichloropropane	<0.035	mg/kg	0.073	0.035	1	10/26/21 08:45	10/27/21 21:31	96-18-4	
1,2,4-Trimethylbenzene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.073	0.023	1	10/26/21 08:45	10/27/21 21:31	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.073	0.015	1	10/26/21 08:45	10/27/21 21:31	75-01-4	
m&p-Xylene	<0.031	mg/kg	0.15	0.031	1	10/26/21 08:45	10/27/21 21:31	179601-23-1	
o-Xylene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-47-6	
Surrogates									
Toluene-d8 (S)	131	%	67-159		1	10/26/21 08:45	10/27/21 21:31	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/26/21 08:45	10/27/21 21:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	10/26/21 08:45	10/27/21 21:31	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) Lab ID: 40235717003 Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.4	%	0.10	0.10	1		10/26/21 09:04		

Sample: SB-2 (4-6) Lab ID: 40235717004 Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	24.5	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 18:39	7440-38-2	
Barium	59.6	mg/kg	0.56	0.17	1	10/26/21 07:24	10/26/21 18:39	7440-39-3	
Cadmium	0.34J	mg/kg	0.56	0.15	1	10/26/21 07:24	10/26/21 18:39	7440-43-9	
Chromium	15.2	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:39	7440-47-3	
Lead	6.7	mg/kg	2.2	0.67	1	10/26/21 07:24	10/26/21 18:39	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	10/26/21 07:24	10/26/21 18:39	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 18:39	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	0.018J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 10:55	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 15:10	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 15:10	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 15:10	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 15:10	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 15:10	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 15:10	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 15:10	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 15:10	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 15:10	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 15:10	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 15:10	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 15:10	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 15:10	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 15:10	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 15:10	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 15:10	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 15:10	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 15:10	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 15:10	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-2 (4-6) **Lab ID: 40235717004** Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	84	%	40-96		1	10/28/21 12:41	11/01/21 15:10	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	11/01/21 15:10	321-60-8	
Terphenyl-d14 (S)	87	%	10-121		1	10/28/21 12:41	11/01/21 15:10	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	10/28/21 12:41	11/01/21 15:10	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 15:10	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	10/28/21 12:41	11/01/21 15:10	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/27/21 22:30	71-43-2	
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:30	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 22:30	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/27/21 22:30	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/27/21 22:30	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:30	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.064	0.0076	1	10/26/21 08:45	10/27/21 22:30	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 22:30	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 22:30	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/27/21 22:30	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 22:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:30	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/27/21 22:30	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/27/21 22:30	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (4-6) **Lab ID: 40235717004** Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 22:30	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 22:30	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:30	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 22:30	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:30	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:30	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/27/21 22:30	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/27/21 22:30	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:30	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:30	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/27/21 22:30	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/27/21 22:30	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 22:30	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	67-159		1	10/26/21 08:45	10/27/21 22:30	2037-26-5	
4-Bromofluorobenzene (S)	132	%	66-153		1	10/26/21 08:45	10/27/21 22:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	82-158		1	10/26/21 08:45	10/27/21 22:30	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.0	%	0.10	0.10	1		10/26/21 09:04		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.6J	mg/kg	2.6	1.6	1	10/26/21 07:24	10/26/21 18:41	7440-38-2	
Barium	34.6	mg/kg	0.53	0.16	1	10/26/21 07:24	10/26/21 18:41	7440-39-3	
Cadmium	0.22J	mg/kg	0.53	0.14	1	10/26/21 07:24	10/26/21 18:41	7440-43-9	
Chromium	11.5	mg/kg	1.1	0.29	1	10/26/21 07:24	10/26/21 18:41	7440-47-3	
Lead	5.1	mg/kg	2.1	0.63	1	10/26/21 07:24	10/26/21 18:41	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 18:41	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 18:41	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.014J	mg/kg	0.036	0.010	1	11/02/21 06:43	11/02/21 10:58	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.20	mg/kg	0.66	0.20	3	10/28/21 12:41	10/29/21 19:21	83-32-9	
Acenaphthylene	<0.20	mg/kg	0.67	0.20	3	10/28/21 12:41	10/29/21 19:21	208-96-8	
Anthracene	<0.089	mg/kg	0.30	0.089	3	10/28/21 12:41	10/29/21 19:21	120-12-7	
Benzo(a)anthracene	<0.087	mg/kg	0.29	0.087	3	10/28/21 12:41	10/29/21 19:21	56-55-3	
Benzo(a)pyrene	<0.084	mg/kg	0.28	0.084	3	10/28/21 12:41	10/29/21 19:21	50-32-8	
Benzo(b)fluoranthene	<0.096	mg/kg	0.32	0.096	3	10/28/21 12:41	10/29/21 19:21	205-99-2	
Benzo(g,h,i)perylene	<0.15	mg/kg	0.49	0.15	3	10/28/21 12:41	10/29/21 19:21	191-24-2	
Benzo(k)fluoranthene	<0.13	mg/kg	0.45	0.13	3	10/28/21 12:41	10/29/21 19:21	207-08-9	
Chrysene	<0.084	mg/kg	0.28	0.084	3	10/28/21 12:41	10/29/21 19:21	218-01-9	
Dibenz(a,h)anthracene	<0.15	mg/kg	0.51	0.15	3	10/28/21 12:41	10/29/21 19:21	53-70-3	R1
1,4-Dioxane (p-Dioxane)	<0.30	mg/kg	1.0	0.30	3	10/28/21 12:41	10/29/21 19:21	123-91-1	
Fluoranthene	<0.079	mg/kg	0.26	0.079	3	10/28/21 12:41	10/29/21 19:21	206-44-0	
Fluorene	<0.065	mg/kg	0.22	0.065	3	10/28/21 12:41	10/29/21 19:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.12	mg/kg	0.40	0.12	3	10/28/21 12:41	10/29/21 19:21	193-39-5	R1
1-Methylnaphthalene	<0.16	mg/kg	0.53	0.16	3	10/28/21 12:41	10/29/21 19:21	90-12-0	
2-Methylnaphthalene	<0.15	mg/kg	0.48	0.15	3	10/28/21 12:41	10/29/21 19:21	91-57-6	
Naphthalene	<0.20	mg/kg	0.65	0.20	3	10/28/21 12:41	10/29/21 19:21	91-20-3	
Phenanthrene	<0.072	mg/kg	0.24	0.072	3	10/28/21 12:41	10/29/21 19:21	85-01-8	
Pyrene	<0.12	mg/kg	0.41	0.12	3	10/28/21 12:41	10/29/21 19:21	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	40	%	40-96		3	10/28/21 12:41	10/29/21 19:21	4165-60-0	
2-Fluorobiphenyl (S)	49	%	14-110		3	10/28/21 12:41	10/29/21 19:21	321-60-8	
Terphenyl-d14 (S)	69	%	10-121		3	10/28/21 12:41	10/29/21 19:21	1718-51-0	
Phenol-d6 (S)	41	%	14-104		3	10/28/21 12:41	10/29/21 19:21	13127-88-3	
2-Fluorophenol (S)	39	%	10-112		3	10/28/21 12:41	10/29/21 19:21	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-128		3	10/28/21 12:41	10/29/21 19:21	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/27/21 22:49	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/27/21 22:49	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/27/21 22:49	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/26/21 08:45	10/27/21 22:49	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.062	0.028	1	10/26/21 08:45	10/27/21 22:49	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/27/21 22:49	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/26/21 08:45	10/27/21 22:49	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/27/21 22:49	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/26/21 08:45	10/27/21 22:49	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/27/21 22:49	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/27/21 22:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/26/21 08:45	10/27/21 22:49	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/27/21 22:49	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/27/21 22:49	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/27/21 22:49	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/27/21 22:49	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/27/21 22:49	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/27/21 22:49	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/27/21 22:49	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/27/21 22:49	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/27/21 22:49	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/27/21 22:49	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/27/21 22:49	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/26/21 08:45	10/27/21 22:49	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/27/21 22:49	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/26/21 08:45	10/27/21 22:49	2037-26-5	
4-Bromofluorobenzene (S)	125	%	66-153		1	10/26/21 08:45	10/27/21 22:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	82-158		1	10/26/21 08:45	10/27/21 22:49	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	10.4	%	0.10	0.10	1		10/26/21 09:04		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 18:44	7440-38-2	
Barium	10.5	mg/kg	0.52	0.15	1	10/26/21 07:24	10/26/21 18:44	7440-39-3	
Cadmium	0.18J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 18:44	7440-43-9	
Chromium	6.6	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 18:44	7440-47-3	
Lead	4.0	mg/kg	2.1	0.62	1	10/26/21 07:24	10/26/21 18:44	7439-92-1	
Selenium	<1.4	mg/kg	4.1	1.4	1	10/26/21 07:24	10/26/21 18:44	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 18:44	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.012J	mg/kg	0.035	0.010	1	11/02/21 06:43	11/02/21 11:00	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	10/29/21 15:50	83-32-9	
Acenaphthylene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	10/29/21 15:50	208-96-8	
Anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 15:50	120-12-7	
Benzo(a)anthracene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 15:50	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.092	0.028	1	10/28/21 12:41	10/29/21 15:50	50-32-8	
Benzo(b)fluoranthene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 15:50	205-99-2	
Benzo(g,h,i)perylene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 15:50	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 15:50	207-08-9	
Chrysene	<0.027	mg/kg	0.091	0.027	1	10/28/21 12:41	10/29/21 15:50	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 15:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.099	mg/kg	0.33	0.099	1	10/28/21 12:41	10/29/21 15:50	123-91-1	
Fluoranthene	<0.026	mg/kg	0.086	0.026	1	10/28/21 12:41	10/29/21 15:50	206-44-0	
Fluorene	<0.021	mg/kg	0.071	0.021	1	10/28/21 12:41	10/29/21 15:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	10/28/21 12:41	10/29/21 15:50	193-39-5	
1-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 15:50	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 15:50	91-57-6	
Naphthalene	<0.064	mg/kg	0.21	0.064	1	10/28/21 12:41	10/29/21 15:50	91-20-3	
Phenanthrene	<0.023	mg/kg	0.078	0.023	1	10/28/21 12:41	10/29/21 15:50	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 15:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	64	%	40-96		1	10/28/21 12:41	10/29/21 15:50	4165-60-0	
2-Fluorobiphenyl (S)	76	%	14-110		1	10/28/21 12:41	10/29/21 15:50	321-60-8	
Terphenyl-d14 (S)	106	%	10-121		1	10/28/21 12:41	10/29/21 15:50	1718-51-0	
Phenol-d6 (S)	67	%	14-104		1	10/28/21 12:41	10/29/21 15:50	13127-88-3	
2-Fluorophenol (S)	65	%	10-112		1	10/28/21 12:41	10/29/21 15:50	367-12-4	
2,4,6-Tribromophenol (S)	100	%	10-128		1	10/28/21 12:41	10/29/21 15:50	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.014	mg/kg	0.024	0.014	1	10/26/21 08:45	10/27/21 23:09	71-43-2	
Bromobenzene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	108-86-1	
Bromochloromethane	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	75-27-4	
Bromoform	<0.26	mg/kg	0.30	0.26	1	10/26/21 08:45	10/27/21 23:09	75-25-2	
Bromomethane	<0.084	mg/kg	0.30	0.084	1	10/26/21 08:45	10/27/21 23:09	74-83-9	
n-Butylbenzene	<0.027	mg/kg	0.060	0.027	1	10/26/21 08:45	10/27/21 23:09	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	56-23-5	
Chlorobenzene	<0.0071	mg/kg	0.060	0.0071	1	10/26/21 08:45	10/27/21 23:09	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.025	mg/kg	0.30	0.025	1	10/26/21 08:45	10/27/21 23:09	75-00-3	
Chloroform	<0.043	mg/kg	0.30	0.043	1	10/26/21 08:45	10/27/21 23:09	67-66-3	
Chloromethane	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	74-87-3	
2-Chlorotoluene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	<0.046	mg/kg	0.30	0.046	1	10/26/21 08:45	10/27/21 23:09	96-12-8	
Dibromochloromethane	<0.20	mg/kg	0.30	0.20	1	10/26/21 08:45	10/27/21 23:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	106-93-4	
Dibromomethane	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	74-95-3	
1,2-Dichlorobenzene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-50-1	
1,3-Dichlorobenzene	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	541-73-1	
1,4-Dichlorobenzene	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.060	0.026	1	10/26/21 08:45	10/27/21 23:09	75-71-8	
1,1-Dichloroethane	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.060	0.020	1	10/26/21 08:45	10/27/21 23:09	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	142-28-9	
2,2-Dichloropropane	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	594-20-7	
1,1-Dichloropropene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	563-58-6	
cis-1,3-Dichloropropene	<0.039	mg/kg	0.30	0.039	1	10/26/21 08:45	10/27/21 23:09	10061-01-5	
trans-1,3-Dichloropropene	<0.17	mg/kg	0.30	0.17	1	10/26/21 08:45	10/27/21 23:09	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	108-20-3	
Ethylbenzene	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.30	0.12	1	10/26/21 08:45	10/27/21 23:09	87-68-3	
Isopropylbenzene (Cumene)	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	98-82-8	
p-Isopropyltoluene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.060	0.017	1	10/26/21 08:45	10/27/21 23:09	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	1634-04-4	
Naphthalene	<0.019	mg/kg	0.30	0.019	1	10/26/21 08:45	10/27/21 23:09	91-20-3	
n-Propylbenzene	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	103-65-1	
Styrene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-34-5	
Tetrachloroethene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	127-18-4	
Toluene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	108-88-3	
1,2,3-Trichlorobenzene	<0.066	mg/kg	0.30	0.066	1	10/26/21 08:45	10/27/21 23:09	87-61-6	
1,2,4-Trichlorobenzene	<0.049	mg/kg	0.30	0.049	1	10/26/21 08:45	10/27/21 23:09	120-82-1	
1,1,1-Trichloroethane	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-00-5	
Trichloroethene	1.0	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-01-6	
Trichlorofluoromethane	<0.017	mg/kg	0.060	0.017	1	10/26/21 08:45	10/27/21 23:09	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.029	mg/kg	0.060	0.029	1	10/26/21 08:45	10/27/21 23:09	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-63-6	
1,3,5-Trimethylbenzene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.060	0.012	1	10/26/21 08:45	10/27/21 23:09	75-01-4	
m&p-Xylene	<0.025	mg/kg	0.12	0.025	1	10/26/21 08:45	10/27/21 23:09	179601-23-1	
o-Xylene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	67-159		1	10/26/21 08:45	10/27/21 23:09	2037-26-5	
4-Bromofluorobenzene (S)	112	%	66-153		1	10/26/21 08:45	10/27/21 23:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	10/26/21 08:45	10/27/21 23:09	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.8	%	0.10	0.10	1		10/26/21 09:04		

Sample: SB-4 (6-8) **Lab ID: 40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.1	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 18:46	7440-38-2	
Barium	55.0	mg/kg	0.56	0.17	1	10/26/21 07:24	10/26/21 18:46	7440-39-3	
Cadmium	0.22J	mg/kg	0.56	0.15	1	10/26/21 07:24	10/26/21 18:46	7440-43-9	
Chromium	12.4	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:46	7440-47-3	
Lead	5.3	mg/kg	2.3	0.67	1	10/26/21 07:24	10/26/21 18:46	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	10/26/21 07:24	10/26/21 18:46	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.014J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 11:02	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	10/29/21 15:29	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	10/29/21 15:29	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 15:29	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 15:29	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	10/29/21 15:29	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 15:29	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (6-8) **Lab ID: 40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 15:29	191-24-2	
Benzo(k)fluoranthene	<0.047	mg/kg	0.16	0.047	1	10/28/21 12:41	10/29/21 15:29	207-08-9	
Chrysene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 15:29	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 15:29	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	10/28/21 12:41	10/29/21 15:29	123-91-1	
Fluoranthene	<0.028	mg/kg	0.092	0.028	1	10/28/21 12:41	10/29/21 15:29	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	10/28/21 12:41	10/29/21 15:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 15:29	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	10/29/21 15:29	90-12-0	
2-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 15:29	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 15:29	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	10/28/21 12:41	10/29/21 15:29	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	10/29/21 15:29	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%	40-96		1	10/28/21 12:41	10/29/21 15:29	4165-60-0	
2-Fluorobiphenyl (S)	78	%	14-110		1	10/28/21 12:41	10/29/21 15:29	321-60-8	
Terphenyl-d14 (S)	94	%	10-121		1	10/28/21 12:41	10/29/21 15:29	1718-51-0	
Phenol-d6 (S)	71	%	14-104		1	10/28/21 12:41	10/29/21 15:29	13127-88-3	
2-Fluorophenol (S)	71	%	10-112		1	10/28/21 12:41	10/29/21 15:29	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-128		1	10/28/21 12:41	10/29/21 15:29	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.027	0.016	1	10/26/21 08:45	10/27/21 23:28	71-43-2	
Bromobenzene	<0.026	mg/kg	0.067	0.026	1	10/26/21 08:45	10/27/21 23:28	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/27/21 23:28	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/26/21 08:45	10/27/21 23:28	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.067	0.031	1	10/26/21 08:45	10/27/21 23:28	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.067	0.0080	1	10/26/21 08:45	10/27/21 23:28	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/27/21 23:28	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/26/21 08:45	10/27/21 23:28	67-66-3	
Chloromethane	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/26/21 08:45	10/27/21 23:28	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/26/21 08:45	10/27/21 23:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	106-93-4	
Dibromomethane	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (6-8) **Lab ID: 40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.067	0.029	1	10/26/21 08:45	10/27/21 23:28	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/26/21 08:45	10/27/21 23:28	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/26/21 08:45	10/27/21 23:28	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/26/21 08:45	10/27/21 23:28	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/27/21 23:28	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/27/21 23:28	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.067	0.019	1	10/26/21 08:45	10/27/21 23:28	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/26/21 08:45	10/27/21 23:28	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	103-65-1	
Styrene	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.067	0.024	1	10/26/21 08:45	10/27/21 23:28	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.067	0.026	1	10/26/21 08:45	10/27/21 23:28	127-18-4	
Toluene	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/26/21 08:45	10/27/21 23:28	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/26/21 08:45	10/27/21 23:28	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.067	0.024	1	10/26/21 08:45	10/27/21 23:28	79-00-5	
Trichloroethene	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.067	0.019	1	10/26/21 08:45	10/27/21 23:28	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.067	0.032	1	10/26/21 08:45	10/27/21 23:28	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.067	0.013	1	10/26/21 08:45	10/27/21 23:28	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/26/21 08:45	10/27/21 23:28	179601-23-1	
o-Xylene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	67-159		1	10/26/21 08:45	10/27/21 23:28	2037-26-5	
4-Bromofluorobenzene (S)	117	%	66-153		1	10/26/21 08:45	10/27/21 23:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/26/21 08:45	10/27/21 23:28	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (6-8) Lab ID: 40235717007 Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.3	%	0.10	0.10	1		10/26/21 09:04		

Sample: SB-4 (10-12) Lab ID: 40235717008 Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:53	7440-38-2	
Barium	65.3	mg/kg	0.57	0.17	1	10/26/21 07:24	10/26/21 18:53	7440-39-3	
Cadmium	0.22J	mg/kg	0.57	0.15	1	10/26/21 07:24	10/26/21 18:53	7440-43-9	
Chromium	16.5	mg/kg	1.1	0.32	1	10/26/21 07:24	10/26/21 18:53	7440-47-3	
Lead	8.4	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 18:53	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:53	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.037	0.011	1	11/02/21 09:25	11/03/21 10:18	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 16:32	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 16:32	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 16:32	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	10/29/21 16:32	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	10/29/21 16:32	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 16:32	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 16:32	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	10/29/21 16:32	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	10/29/21 16:32	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:32	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	10/29/21 16:32	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	10/29/21 16:32	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	10/29/21 16:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 16:32	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 16:32	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 16:32	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 16:32	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	10/29/21 16:32	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 16:32	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (10-12) **Lab ID: 40235717008** Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	77	%	40-96		1	10/28/21 12:41	10/29/21 16:32	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	10/28/21 12:41	10/29/21 16:32	321-60-8	
Terphenyl-d14 (S)	90	%	10-121		1	10/28/21 12:41	10/29/21 16:32	1718-51-0	
Phenol-d6 (S)	70	%	14-104		1	10/28/21 12:41	10/29/21 16:32	13127-88-3	
2-Fluorophenol (S)	73	%	10-112		1	10/28/21 12:41	10/29/21 16:32	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-128		1	10/28/21 12:41	10/29/21 16:32	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 23:48	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 23:48	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/26/21 08:45	10/27/21 23:48	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/27/21 23:48	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.065	0.0077	1	10/26/21 08:45	10/27/21 23:48	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 23:48	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 23:48	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 23:48	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 23:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/27/21 23:48	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/26/21 08:45	10/27/21 23:48	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (10-12) **Lab ID: 40235717008** Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 23:48	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 23:48	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 23:48	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/26/21 08:45	10/27/21 23:48	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/26/21 08:45	10/27/21 23:48	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 23:48	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 23:48	79-00-5	
Trichloroethene	14.6	mg/kg	0.16	0.060	2.5	10/26/21 08:45	10/28/21 10:36	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/26/21 08:45	10/27/21 23:48	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/27/21 23:48	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 23:48	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	95-47-6	
Surrogates									
Toluene-d8 (S)	122	%	67-159		1	10/26/21 08:45	10/27/21 23:48	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/26/21 08:45	10/27/21 23:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	125	%	82-158		1	10/26/21 08:45	10/27/21 23:48	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.7	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (8-10) **Lab ID: 40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.1	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:56	7440-38-2	
Barium	64.8	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 18:56	7440-39-3	
Cadmium	0.21J	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 18:56	7440-43-9	
Chromium	16.8	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 18:56	7440-47-3	
Lead	6.6	mg/kg	2.3	0.70	1	10/26/21 07:24	10/26/21 18:56	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	10/26/21 07:24	10/26/21 18:56	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 07:24	10/26/21 18:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:21	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 16:53	83-32-9	
Acenaphthylene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 16:53	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 16:53	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 16:53	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 16:53	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	10/28/21 12:41	10/29/21 16:53	205-99-2	
Benzo(g,h,i)perylene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:53	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 16:53	207-08-9	
Chrysene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	10/29/21 16:53	218-01-9	
Dibenz(a,h)anthracene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 16:53	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	10/28/21 12:41	10/29/21 16:53	123-91-1	
Fluoranthene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 16:53	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	10/28/21 12:41	10/29/21 16:53	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	10/29/21 16:53	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	10/28/21 12:41	10/29/21 16:53	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:53	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	10/28/21 12:41	10/29/21 16:53	91-20-3	
Phenanthrene	<0.026	mg/kg	0.085	0.026	1	10/28/21 12:41	10/29/21 16:53	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 16:53	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	90	%	40-96		1	10/28/21 12:41	10/29/21 16:53	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	10/29/21 16:53	321-60-8	
Terphenyl-d14 (S)	99	%	10-121		1	10/28/21 12:41	10/29/21 16:53	1718-51-0	
Phenol-d6 (S)	93	%	14-104		1	10/28/21 12:41	10/29/21 16:53	13127-88-3	
2-Fluorophenol (S)	96	%	10-112		1	10/28/21 12:41	10/29/21 16:53	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-128		1	10/28/21 12:41	10/29/21 16:53	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.028	0.017	1	10/26/21 08:45	10/28/21 09:57	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (8-10) **Lab ID: 40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.027	mg/kg	0.069	0.027	1	10/26/21 08:45	10/28/21 09:57	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/26/21 08:45	10/28/21 09:57	75-25-2	
Bromomethane	<0.097	mg/kg	0.35	0.097	1	10/26/21 08:45	10/28/21 09:57	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.069	0.032	1	10/26/21 08:45	10/28/21 09:57	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	56-23-5	
Chlorobenzene	<0.0083	mg/kg	0.069	0.0083	1	10/26/21 08:45	10/28/21 09:57	108-90-7	
Chloroethane	<0.029	mg/kg	0.35	0.029	1	10/26/21 08:45	10/28/21 09:57	75-00-3	
Chloroform	<0.050	mg/kg	0.35	0.050	1	10/26/21 08:45	10/28/21 09:57	67-66-3	
Chloromethane	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	95-49-8	
4-Chlorotoluene	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	106-43-4	
1,2-Dibromo-3-chloropropane	<0.054	mg/kg	0.35	0.054	1	10/26/21 08:45	10/28/21 09:57	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/26/21 08:45	10/28/21 09:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	106-93-4	
Dibromomethane	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.069	0.030	1	10/26/21 08:45	10/28/21 09:57	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.069	0.016	1	10/26/21 08:45	10/28/21 09:57	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	563-58-6	
cis-1,3-Dichloropropene	<0.046	mg/kg	0.35	0.046	1	10/26/21 08:45	10/28/21 09:57	10061-01-5	
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/26/21 08:45	10/28/21 09:57	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/26/21 08:45	10/28/21 09:57	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.069	0.020	1	10/26/21 08:45	10/28/21 09:57	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/26/21 08:45	10/28/21 09:57	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	103-65-1	
Styrene	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-5 (8-10)** Lab ID: **40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.069	0.025	1	10/26/21 08:45	10/28/21 09:57	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.069	0.027	1	10/26/21 08:45	10/28/21 09:57	127-18-4	
Toluene	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	108-88-3	
1,2,3-Trichlorobenzene	<0.077	mg/kg	0.35	0.077	1	10/26/21 08:45	10/28/21 09:57	87-61-6	
1,2,4-Trichlorobenzene	<0.057	mg/kg	0.35	0.057	1	10/26/21 08:45	10/28/21 09:57	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	71-55-6	
1,1,2-Trichloroethane	<0.025	mg/kg	0.069	0.025	1	10/26/21 08:45	10/28/21 09:57	79-00-5	
Trichloroethene	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.069	0.020	1	10/26/21 08:45	10/28/21 09:57	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.069	0.034	1	10/26/21 08:45	10/28/21 09:57	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	95-63-6	
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.069	0.014	1	10/26/21 08:45	10/28/21 09:57	75-01-4	
m&p-Xylene	<0.029	mg/kg	0.14	0.029	1	10/26/21 08:45	10/28/21 09:57	179601-23-1	
o-Xylene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	95-47-6	
Surrogates									
Toluene-d8 (S)	133	%	67-159		1	10/26/21 08:45	10/28/21 09:57	2037-26-5	
4-Bromofluorobenzene (S)	138	%	66-153		1	10/26/21 08:45	10/28/21 09:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	134	%	82-158		1	10/26/21 08:45	10/28/21 09:57	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	16.3	%	0.10	0.10	1	10/26/21 09:05			
------------------	------	---	------	------	---	----------------	--	--	--

Sample: **SB-5 (10-12)** Lab ID: **40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.7	mg/kg	3.0	1.8	1	10/26/21 07:24	10/26/21 18:58	7440-38-2	
Barium	89.1	mg/kg	0.60	0.18	1	10/26/21 07:24	10/26/21 18:58	7440-39-3	
Cadmium	0.20J	mg/kg	0.60	0.16	1	10/26/21 07:24	10/26/21 18:58	7440-43-9	
Chromium	15.3	mg/kg	1.2	0.33	1	10/26/21 07:24	10/26/21 18:58	7440-47-3	
Lead	7.4	mg/kg	2.4	0.72	1	10/26/21 07:24	10/26/21 18:58	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 07:24	10/26/21 18:58	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 07:24	10/26/21 18:58	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.041	0.012	1	11/02/21 09:25	11/03/21 10:23	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.072	mg/kg	0.24	0.072	1	10/28/21 12:41	10/29/21 17:15	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	10/29/21 17:15	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 17:15	120-12-7	
Benzo(a)anthracene	0.047J	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 17:15	56-55-3	
Benzo(a)pyrene	0.040J	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 17:15	50-32-8	
Benzo(b)fluoranthene	0.043J	mg/kg	0.12	0.035	1	10/28/21 12:41	10/29/21 17:15	205-99-2	
Benzo(g,h,i)perylene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:15	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:15	207-08-9	
Chrysene	0.052J	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 17:15	218-01-9	
Dibenz(a,h)anthracene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	10/29/21 17:15	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	10/28/21 12:41	10/29/21 17:15	123-91-1	
Fluoranthene	0.11	mg/kg	0.096	0.029	1	10/28/21 12:41	10/29/21 17:15	206-44-0	
Fluorene	<0.024	mg/kg	0.079	0.024	1	10/28/21 12:41	10/29/21 17:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 17:15	193-39-5	
1-Methylnaphthalene	<0.058	mg/kg	0.19	0.058	1	10/28/21 12:41	10/29/21 17:15	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:15	91-57-6	
Naphthalene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 17:15	91-20-3	
Phenanthrene	<0.026	mg/kg	0.087	0.026	1	10/28/21 12:41	10/29/21 17:15	85-01-8	
Pyrene	0.11J	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 17:15	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	10/29/21 17:15	4165-60-0	
2-Fluorobiphenyl (S)	71	%	14-110		1	10/28/21 12:41	10/29/21 17:15	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	10/28/21 12:41	10/29/21 17:15	1718-51-0	
Phenol-d6 (S)	82	%	14-104		1	10/28/21 12:41	10/29/21 17:15	13127-88-3	
2-Fluorophenol (S)	84	%	10-112		1	10/28/21 12:41	10/29/21 17:15	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-128		1	10/28/21 12:41	10/29/21 17:15	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.029	0.017	1	10/26/21 08:45	10/28/21 00:27	71-43-2	
Bromobenzene	<0.028	mg/kg	0.072	0.028	1	10/26/21 08:45	10/28/21 00:27	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	75-27-4	
Bromoform	<0.32	mg/kg	0.36	0.32	1	10/26/21 08:45	10/28/21 00:27	75-25-2	
Bromomethane	<0.10	mg/kg	0.36	0.10	1	10/26/21 08:45	10/28/21 00:27	74-83-9	
n-Butylbenzene	<0.033	mg/kg	0.072	0.033	1	10/26/21 08:45	10/28/21 00:27	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	56-23-5	
Chlorobenzene	<0.0086	mg/kg	0.072	0.0086	1	10/26/21 08:45	10/28/21 00:27	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.030	mg/kg	0.36	0.030	1	10/26/21 08:45	10/28/21 00:27	75-00-3	
Chloroform	<0.051	mg/kg	0.36	0.051	1	10/26/21 08:45	10/28/21 00:27	67-66-3	
Chloromethane	<0.027	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	<0.056	mg/kg	0.36	0.056	1	10/26/21 08:45	10/28/21 00:27	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.36	0.25	1	10/26/21 08:45	10/28/21 00:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	106-93-4	
Dibromomethane	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	95-50-1	
1,3-Dichlorobenzene	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	106-46-7	
Dichlorodifluoromethane	<0.031	mg/kg	0.072	0.031	1	10/26/21 08:45	10/28/21 00:27	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.072	0.024	1	10/26/21 08:45	10/28/21 00:27	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.072	0.015	1	10/26/21 08:45	10/28/21 00:27	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.072	0.019	1	10/26/21 08:45	10/28/21 00:27	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	563-58-6	
cis-1,3-Dichloropropene	<0.047	mg/kg	0.36	0.047	1	10/26/21 08:45	10/28/21 00:27	10061-01-5	
trans-1,3-Dichloropropene	<0.21	mg/kg	0.36	0.21	1	10/26/21 08:45	10/28/21 00:27	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.36	0.14	1	10/26/21 08:45	10/28/21 00:27	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.072	0.019	1	10/26/21 08:45	10/28/21 00:27	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	1634-04-4	
Naphthalene	<0.022	mg/kg	0.36	0.022	1	10/26/21 08:45	10/28/21 00:27	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	103-65-1	
Styrene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.072	0.026	1	10/26/21 08:45	10/28/21 00:27	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.072	0.028	1	10/26/21 08:45	10/28/21 00:27	127-18-4	
Toluene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	108-88-3	
1,2,3-Trichlorobenzene	<0.080	mg/kg	0.36	0.080	1	10/26/21 08:45	10/28/21 00:27	87-61-6	
1,2,4-Trichlorobenzene	<0.059	mg/kg	0.36	0.059	1	10/26/21 08:45	10/28/21 00:27	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.072	0.026	1	10/26/21 08:45	10/28/21 00:27	79-00-5	
Trichloroethene	0.080	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.035	mg/kg	0.072	0.035	1	10/26/21 08:45	10/28/21 00:27	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.072	0.015	1	10/26/21 08:45	10/28/21 00:27	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/26/21 08:45	10/28/21 00:27	179601-23-1	
o-Xylene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	95-47-6	
Surrogates									
Toluene-d8 (S)	134	%	67-159		1	10/26/21 08:45	10/28/21 00:27	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/26/21 08:45	10/28/21 00:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	82-158		1	10/26/21 08:45	10/28/21 00:27	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.0	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 19:01	7440-38-2	
Barium	28.2	mg/kg	0.52	0.16	1	10/26/21 07:24	10/26/21 19:01	7440-39-3	
Cadmium	0.24J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 19:01	7440-43-9	
Chromium	9.6	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 19:01	7440-47-3	
Lead	6.3	mg/kg	2.1	0.63	1	10/26/21 07:24	10/26/21 19:01	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:01	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 19:01	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.037	0.010	1	11/02/21 09:25	11/03/21 10:25	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 17:36	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 17:36	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 17:36	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 17:36	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 17:36	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 17:36	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:36	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 17:36	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 17:36	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 17:36	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	10/29/21 17:36	123-91-1	
Fluoranthene	0.033J	mg/kg	0.088	0.027	1	10/28/21 12:41	10/29/21 17:36	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	10/29/21 17:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 17:36	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:36	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:36	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	10/29/21 17:36	91-20-3	
Phenanthrene	0.032J	mg/kg	0.080	0.024	1	10/28/21 12:41	10/29/21 17:36	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 17:36	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	77	%	40-96		1	10/28/21 12:41	10/29/21 17:36	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	10/28/21 12:41	10/29/21 17:36	321-60-8	
Terphenyl-d14 (S)	85	%	10-121		1	10/28/21 12:41	10/29/21 17:36	1718-51-0	
Phenol-d6 (S)	77	%	14-104		1	10/28/21 12:41	10/29/21 17:36	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	10/29/21 17:36	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	10/28/21 12:41	10/29/21 17:36	118-79-6	
8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 00:46	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 00:46	75-25-2	
Bromomethane	<0.087	mg/kg	0.31	0.087	1	10/26/21 08:45	10/28/21 00:46	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.062	0.029	1	10/26/21 08:45	10/28/21 00:46	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.062	0.0075	1	10/26/21 08:45	10/28/21 00:46	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 00:46	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 00:46	67-66-3	
Chloromethane	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 00:46	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 00:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.062	0.027	1	10/26/21 08:45	10/28/21 00:46	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.062	0.021	1	10/26/21 08:45	10/28/21 00:46	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 00:46	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 00:46	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 00:46	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 00:46	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 00:46	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 00:46	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 00:46	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 00:46	179601-23-1	
o-Xylene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-47-6	
Surrogates									
Toluene-d8 (S)	114	%	67-159		1	10/26/21 08:45	10/28/21 00:46	2037-26-5	
4-Bromofluorobenzene (S)	120	%	66-153		1	10/26/21 08:45	10/28/21 00:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/26/21 08:45	10/28/21 00:46	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.9	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.2J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:03	7440-38-2	
Barium	35.1	mg/kg	0.54	0.16	1	10/26/21 07:24	10/26/21 19:03	7440-39-3	
Cadmium	0.24J	mg/kg	0.54	0.14	1	10/26/21 07:24	10/26/21 19:03	7440-43-9	
Chromium	10	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:03	7440-47-3	
Lead	5.7	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:03	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	10/26/21 07:24	10/26/21 19:03	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:03	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:28	7439-97-6	
---------	------------------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 14:07	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	11/01/21 14:07	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 14:07	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	11/01/21 14:07	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 14:07	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 14:07	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 14:07	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 14:07	207-08-9	
Chrysene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 14:07	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 14:07	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	11/01/21 14:07	123-91-1	
Fluoranthene	<0.027	mg/kg	0.091	0.027	1	10/28/21 12:41	11/01/21 14:07	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	10/28/21 12:41	11/01/21 14:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 14:07	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	11/01/21 14:07	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 14:07	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 14:07	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	11/01/21 14:07	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	11/01/21 14:07	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	86	%	40-96		1	10/28/21 12:41	11/01/21 14:07	4165-60-0	
2-Fluorobiphenyl (S)	76	%	14-110		1	10/28/21 12:41	11/01/21 14:07	321-60-8	
Terphenyl-d14 (S)	76	%	10-121		1	10/28/21 12:41	11/01/21 14:07	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	10/28/21 12:41	11/01/21 14:07	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 14:07	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-128		1	10/28/21 12:41	11/01/21 14:07	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.026	0.016	1	10/26/21 08:45	10/28/21 01:06	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/28/21 01:06	75-25-2	
Bromomethane	<0.091	mg/kg	0.33	0.091	1	10/26/21 08:45	10/28/21 01:06	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/28/21 01:06	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	56-23-5	
Chlorobenzene	<0.0078	mg/kg	0.065	0.0078	1	10/26/21 08:45	10/28/21 01:06	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/28/21 01:06	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/26/21 08:45	10/28/21 01:06	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/26/21 08:45	10/28/21 01:06	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.33	0.22	1	10/26/21 08:45	10/28/21 01:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/28/21 01:06	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/28/21 01:06	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.065	0.022	1	10/26/21 08:45	10/28/21 01:06	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.33	0.043	1	10/26/21 08:45	10/28/21 01:06	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/28/21 01:06	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/28/21 01:06	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	1634-04-4	
Naphthalene	<0.020	mg/kg	0.33	0.020	1	10/26/21 08:45	10/28/21 01:06	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	108-88-3	
1,2,3-Trichlorobenzene	<0.073	mg/kg	0.33	0.073	1	10/26/21 08:45	10/28/21 01:06	87-61-6	
1,2,4-Trichlorobenzene	<0.054	mg/kg	0.33	0.054	1	10/26/21 08:45	10/28/21 01:06	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-00-5	
Trichloroethene	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.065	0.032	1	10/26/21 08:45	10/28/21 01:06	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/28/21 01:06	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/26/21 08:45	10/28/21 01:06	179601-23-1	
o-Xylene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:06	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/26/21 08:45	10/28/21 01:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 01:06	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.2	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.0J	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 19:06	7440-38-2	
Barium	33.4	mg/kg	0.55	0.17	1	10/26/21 07:24	10/26/21 19:06	7440-39-3	
Cadmium	0.18J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:06	7440-43-9	
Chromium	9.8	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 19:06	7440-47-3	
Lead	4.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 19:06	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:06	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 09:25	11/03/21 10:30	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 22:50	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 22:50	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 22:50	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	10/29/21 22:50	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	10/29/21 22:50	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 22:50	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 22:50	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 22:50	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	10/29/21 22:50	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 22:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	10/29/21 22:50	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	10/29/21 22:50	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	10/29/21 22:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 22:50	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 22:50	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 22:50	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	10/29/21 22:50	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	10/29/21 22:50	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 22:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	10/29/21 22:50	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	10/28/21 12:41	10/29/21 22:50	321-60-8	
Terphenyl-d14 (S)	84	%	10-121		1	10/28/21 12:41	10/29/21 22:50	1718-51-0	
Phenol-d6 (S)	83	%	14-104		1	10/28/21 12:41	10/29/21 22:50	13127-88-3	
2-Fluorophenol (S)	84	%	10-112		1	10/28/21 12:41	10/29/21 22:50	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	10/28/21 12:41	10/29/21 22:50	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 01:25	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/28/21 01:25	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/28/21 01:25	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/28/21 01:25	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/28/21 01:25	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.064	0.0076	1	10/26/21 08:45	10/28/21 01:25	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/28/21 01:25	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/28/21 01:25	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/28/21 01:25	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/28/21 01:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/28/21 01:25	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/28/21 01:25	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/28/21 01:25	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/28/21 01:25	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/28/21 01:25	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/28/21 01:25	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/28/21 01:25	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/28/21 01:25	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/28/21 01:25	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/28/21 01:25	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/28/21 01:25	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/28/21 01:25	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/28/21 01:25	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/28/21 01:25	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/28/21 01:25	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:25	2037-26-5	
4-Bromofluorobenzene (S)	133	%	66-153		1	10/26/21 08:45	10/28/21 01:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/26/21 08:45	10/28/21 01:25	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	11.9	%	0.10	0.10	1	10/26/21 09:05			
------------------	-------------	---	------	------	---	----------------	--	--	--

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:08	7440-38-2	
Barium	29.3	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 19:08	7440-39-3	
Cadmium	0.19J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:08	7440-43-9	
Chromium	8.8	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:08	7440-47-3	
Lead	4.5	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:08	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:08	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:08	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:32	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 11:40	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 11:40	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 11:40	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 11:40	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 11:40	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 11:40	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 11:40	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 11:40	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 11:40	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 11:40	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 11:40	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	11/01/21 11:40	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	11/01/21 11:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 11:40	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 11:40	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 11:40	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 11:40	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 11:40	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 11:40	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	78	%	40-96		1	10/28/21 12:41	11/01/21 11:40	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	10/28/21 12:41	11/01/21 11:40	321-60-8	
Terphenyl-d14 (S)	89	%	10-121		1	10/28/21 12:41	11/01/21 11:40	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	10/28/21 12:41	11/01/21 11:40	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 11:40	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-128		1	10/28/21 12:41	11/01/21 11:40	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 01:45	71-43-2	
Bromobenzene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	75-27-4	
Bromoform	<0.28	mg/kg	0.31	0.28	1	10/26/21 08:45	10/28/21 01:45	75-25-2	
Bromomethane	<0.088	mg/kg	0.31	0.088	1	10/26/21 08:45	10/28/21 01:45	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/26/21 08:45	10/28/21 01:45	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.063	0.0075	1	10/26/21 08:45	10/28/21 01:45	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 01:45	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 01:45	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.31	0.049	1	10/26/21 08:45	10/28/21 01:45	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 01:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/26/21 08:45	10/28/21 01:45	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 01:45	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 01:45	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 01:45	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 01:45	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 01:45	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 01:45	1634-04-4	
Naphthalene	<0.020	mg/kg	0.31	0.020	1	10/26/21 08:45	10/28/21 01:45	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	108-88-3	
1,2,3-Trichlorobenzene	<0.070	mg/kg	0.31	0.070	1	10/26/21 08:45	10/28/21 01:45	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.31	0.052	1	10/26/21 08:45	10/28/21 01:45	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-00-5	
Trichloroethene	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 01:45	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/26/21 08:45	10/28/21 01:45	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 01:45	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.13	0.026	1	10/26/21 08:45	10/28/21 01:45	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:45	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/26/21 08:45	10/28/21 01:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	116	%	82-158		1	10/26/21 08:45	10/28/21 01:45	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.3	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 19:11	7440-38-2	
Barium	45.5	mg/kg	0.52	0.16	1	10/26/21 07:24	10/26/21 19:11	7440-39-3	
Cadmium	0.23J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 19:11	7440-43-9	
Chromium	13.5	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 19:11	7440-47-3	
Lead	4.7	mg/kg	2.1	0.62	1	10/26/21 07:24	10/26/21 19:11	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:11	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 19:11	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 09:25	11/03/21 10:35	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:01	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:01	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 12:01	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 12:01	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 12:01	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 12:01	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:01	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 12:01	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 12:01	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 12:01	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 12:01	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	11/01/21 12:01	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 12:01	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:01	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 12:01	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:01	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 12:01	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 12:01	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:01	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	11/01/21 12:01	4165-60-0	
2-Fluorobiphenyl (S)	78	%	14-110		1	10/28/21 12:41	11/01/21 12:01	321-60-8	
Terphenyl-d14 (S)	86	%	10-121		1	10/28/21 12:41	11/01/21 12:01	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	10/28/21 12:41	11/01/21 12:01	13127-88-3	
2-Fluorophenol (S)	50	%	10-112		1	10/28/21 12:41	11/01/21 12:01	367-12-4	
2,4,6-Tribromophenol (S)	31	%	10-128		1	10/28/21 12:41	11/01/21 12:01	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 02:04	71-43-2	
Bromobenzene	<0.025	mg/kg	0.063	0.025	1	10/26/21 08:45	10/28/21 02:04	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/28/21 02:04	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/28/21 02:04	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/26/21 08:45	10/28/21 02:04	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.063	0.0076	1	10/26/21 08:45	10/28/21 02:04	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/28/21 02:04	75-00-3	
Chloroform	<0.045	mg/kg	0.32	0.045	1	10/26/21 08:45	10/28/21 02:04	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/28/21 02:04	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/28/21 02:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/26/21 08:45	10/28/21 02:04	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/28/21 02:04	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/28/21 02:04	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/28/21 02:04	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 02:04	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/28/21 02:04	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 02:04	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.063	0.025	1	10/26/21 08:45	10/28/21 02:04	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/28/21 02:04	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/28/21 02:04	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 02:04	79-00-5	
Trichloroethene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 02:04	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/26/21 08:45	10/28/21 02:04	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 02:04	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/28/21 02:04	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/26/21 08:45	10/28/21 02:04	2037-26-5	
4-Bromofluorobenzene (S)	133	%	66-153		1	10/26/21 08:45	10/28/21 02:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 02:04	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (0-5) Lab ID: 40235717015 Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-8 (8-10) Lab ID: 40235717016 Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.0	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:13	7440-38-2	
Barium	49.3	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 19:13	7440-39-3	
Cadmium	0.24J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:13	7440-43-9	
Chromium	14.1	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 19:13	7440-47-3	
Lead	5.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 19:13	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:13	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:13	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:37	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Acenaphthene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 12:22	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:22	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 12:22	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 12:22	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 12:22	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 12:22	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:22	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 12:22	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	10/28/21 12:41	11/01/21 12:22	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 12:22	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 12:22	123-91-1	
Fluoranthene	<0.027	mg/kg	0.088	0.027	1	10/28/21 12:41	11/01/21 12:22	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	11/01/21 12:22	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:22	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	11/01/21 12:22	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:22	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	11/01/21 12:22	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 12:22	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:22	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (8-10) **Lab ID: 40235717016** Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	89	%	40-96		1	10/28/21 12:41	11/01/21 12:22	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	11/01/21 12:22	321-60-8	
Terphenyl-d14 (S)	96	%	10-121		1	10/28/21 12:41	11/01/21 12:22	1718-51-0	
Phenol-d6 (S)	88	%	14-104		1	10/28/21 12:41	11/01/21 12:22	13127-88-3	
2-Fluorophenol (S)	87	%	10-112		1	10/28/21 12:41	11/01/21 12:22	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-128		1	10/28/21 12:41	11/01/21 12:22	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 02:23	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 02:23	75-25-2	
Bromomethane	<0.087	mg/kg	0.31	0.087	1	10/26/21 08:45	10/28/21 02:23	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.062	0.029	1	10/26/21 08:45	10/28/21 02:23	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.062	0.0075	1	10/26/21 08:45	10/28/21 02:23	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 02:23	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 02:23	67-66-3	
Chloromethane	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 02:23	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 02:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.062	0.027	1	10/26/21 08:45	10/28/21 02:23	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.062	0.021	1	10/26/21 08:45	10/28/21 02:23	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 02:23	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-8 (8-10) **Lab ID: 40235717016** Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 02:23	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 02:23	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 02:23	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 02:23	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 02:23	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 02:23	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 02:23	179601-23-1	
o-Xylene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/26/21 08:45	10/28/21 02:23	2037-26-5	
4-Bromofluorobenzene (S)	128	%	66-153		1	10/26/21 08:45	10/28/21 02:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/26/21 08:45	10/28/21 02:23	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.9	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (2-4) **Lab ID: 40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	2.1J	mg/kg	4.4	1.3	1	10/29/21 09:01	11/01/21 06:59		
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.2	mg/kg	3.0	1.7	1	10/26/21 07:24	10/26/21 19:16	7440-38-2	
Barium	80.7	mg/kg	0.60	0.18	1	10/26/21 07:24	10/26/21 19:16	7440-39-3	
Cadmium	0.29J	mg/kg	0.60	0.16	1	10/26/21 07:24	10/26/21 19:16	7440-43-9	
Chromium	19.9	mg/kg	1.2	0.33	1	10/26/21 07:24	10/26/21 19:16	7440-47-3	
Lead	6.3	mg/kg	2.4	0.71	1	10/26/21 07:24	10/26/21 19:16	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 07:24	10/26/21 19:16	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 07:24	10/26/21 19:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.042	0.012	1	11/02/21 09:25	11/03/21 10:44	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.071	mg/kg	0.24	0.071	1	11/01/21 13:48	11/01/21 18:40	83-32-9	
Acenaphthylene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/01/21 18:40	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/01/21 18:40	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/01/21 18:40	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/01/21 18:40	50-32-8	
Benzo(b)fluoranthene	<0.035	mg/kg	0.12	0.035	1	11/01/21 13:48	11/01/21 18:40	205-99-2	
Benzo(g,h,i)perylene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/01/21 18:40	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/01/21 18:40	207-08-9	
Chrysene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/01/21 18:40	218-01-9	
Dibenz(a,h)anthracene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/01/21 18:40	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	11/01/21 13:48	11/01/21 18:40	123-91-1	
Fluoranthene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/01/21 18:40	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	11/01/21 13:48	11/01/21 18:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/01/21 18:40	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	11/01/21 13:48	11/01/21 18:40	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/01/21 18:40	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/01/21 18:40	91-20-3	
Phenanthrene	<0.026	mg/kg	0.086	0.026	1	11/01/21 13:48	11/01/21 18:40	85-01-8	
Pyrene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/01/21 18:40	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	35	%	40-96		1	11/01/21 13:48	11/01/21 18:40	4165-60-0	S0
2-Fluorobiphenyl (S)	37	%	14-110		1	11/01/21 13:48	11/01/21 18:40	321-60-8	
Terphenyl-d14 (S)	47	%	10-121		1	11/01/21 13:48	11/01/21 18:40	1718-51-0	
Phenol-d6 (S)	33	%	14-104		1	11/01/21 13:48	11/01/21 18:40	13127-88-3	
2-Fluorophenol (S)	32	%	10-112		1	11/01/21 13:48	11/01/21 18:40	367-12-4	
2,4,6-Tribromophenol (S)	41	%	10-128		1	11/01/21 13:48	11/01/21 18:40	118-79-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (2-4) **Lab ID: 40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.028	0.017	1	10/26/21 08:45	10/28/21 02:43	71-43-2	
Bromobenzene	<0.028	mg/kg	0.071	0.028	1	10/26/21 08:45	10/28/21 02:43	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/26/21 08:45	10/28/21 02:43	75-25-2	
Bromomethane	<0.099	mg/kg	0.35	0.099	1	10/26/21 08:45	10/28/21 02:43	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.071	0.032	1	10/26/21 08:45	10/28/21 02:43	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.071	0.022	1	10/26/21 08:45	10/28/21 02:43	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.071	0.016	1	10/26/21 08:45	10/28/21 02:43	56-23-5	
Chlorobenzene	<0.0085	mg/kg	0.071	0.0085	1	10/26/21 08:45	10/28/21 02:43	108-90-7	
Chloroethane	<0.030	mg/kg	0.35	0.030	1	10/26/21 08:45	10/28/21 02:43	75-00-3	
Chloroform	<0.051	mg/kg	0.35	0.051	1	10/26/21 08:45	10/28/21 02:43	67-66-3	
Chloromethane	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	106-43-4	
1,2-Dibromo-3-chloropropane	<0.055	mg/kg	0.35	0.055	1	10/26/21 08:45	10/28/21 02:43	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/26/21 08:45	10/28/21 02:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	106-93-4	
Dibromomethane	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.071	0.022	1	10/26/21 08:45	10/28/21 02:43	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.071	0.030	1	10/26/21 08:45	10/28/21 02:43	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.071	0.016	1	10/26/21 08:45	10/28/21 02:43	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	563-58-6	
cis-1,3-Dichloropropene	<0.047	mg/kg	0.35	0.047	1	10/26/21 08:45	10/28/21 02:43	10061-01-5	
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/26/21 08:45	10/28/21 02:43	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/26/21 08:45	10/28/21 02:43	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.071	0.020	1	10/26/21 08:45	10/28/21 02:43	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/26/21 08:45	10/28/21 02:43	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	103-65-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: **SB-9 (2-4)** Lab ID: **40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay									
Styrene	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	630-20-6	
1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	127-18-4	
Toluene	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	108-88-3	
1,2,3-Trichlorobenzene	<0.079	mg/kg	0.35	0.079	1	10/26/21 08:45	10/28/21 02:43	87-61-6	
1,2,4-Trichlorobenzene	<0.058	mg/kg	0.35	0.058	1	10/26/21 08:45	10/28/21 02:43	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-00-5	
Trichloroethene	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.071	0.020	1	10/26/21 08:45	10/28/21 02:43	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.071	0.034	1	10/26/21 08:45	10/28/21 02:43	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.071	0.014	1	10/26/21 08:45	10/28/21 02:43	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/26/21 08:45	10/28/21 02:43	179601-23-1	
o-Xylene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	95-47-6	
Surrogates									
Toluene-d8 (S)	131	%	67-159		1	10/26/21 08:45	10/28/21 02:43	2037-26-5	
4-Bromofluorobenzene (S)	131	%	66-153		1	10/26/21 08:45	10/28/21 02:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 02:43	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	17.1	%	0.10	0.10	1		10/26/21 09:05		
------------------	------	---	------	------	---	--	----------------	--	--

Sample: **SB-9 (7-9)** Lab ID: **40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO Pace Analytical Services - Green Bay									
Diesel Range Organics	22.4	mg/kg	4.2	1.2	1	10/29/21 09:01	11/01/21 07:08		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay									
Arsenic	2.5J	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 19:23	7440-38-2	
Barium	35.1	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 19:23	7440-39-3	
Cadmium	<0.15	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 19:23	7440-43-9	
Chromium	11.4	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 19:23	7440-47-3	
Lead	5.1	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 19:23	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 19:23	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 07:24	10/26/21 19:23	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.041	0.012	1	11/02/21 09:25	11/03/21 10:46	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 19:25	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 19:25	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 19:25	120-12-7	
Benzo(a)anthracene	0.042J	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 19:25	56-55-3	
Benzo(a)pyrene	0.044J	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 19:25	50-32-8	
Benzo(b)fluoranthene	0.041J	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 19:25	205-99-2	
Benzo(g,h,i)perylene	0.068J	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 19:25	191-24-2	
Benzo(k)fluoranthene	0.083J	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 19:25	207-08-9	
Chrysene	0.067J	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 19:25	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 19:25	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 19:25	123-91-1	
Fluoranthene	0.13	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 19:25	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 19:25	86-73-7	
Indeno(1,2,3-cd)pyrene	0.061J	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 19:25	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 19:25	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 19:25	91-57-6	
Naphthalene	0.078J	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 19:25	91-20-3	
Phenanthrene	0.079J	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 19:25	85-01-8	
Pyrene	0.13J	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 19:25	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	87	%	40-96		1	11/01/21 13:48	11/02/21 19:25	4165-60-0	
2-Fluorobiphenyl (S)	84	%	14-110		1	11/01/21 13:48	11/02/21 19:25	321-60-8	
Terphenyl-d14 (S)	93	%	10-121		1	11/01/21 13:48	11/02/21 19:25	1718-51-0	
Phenol-d6 (S)	81	%	14-104		1	11/01/21 13:48	11/02/21 19:25	13127-88-3	
2-Fluorophenol (S)	75	%	10-112		1	11/01/21 13:48	11/02/21 19:25	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-128		1	11/01/21 13:48	11/02/21 19:25	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/26/21 08:45	10/28/21 03:02	71-43-2	
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/26/21 08:45	10/28/21 03:02	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/28/21 03:02	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/26/21 08:45	10/28/21 03:02	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
n-Butylbenzene	0.33	mg/kg	0.066	0.030	1	10/26/21 08:45	10/28/21 03:02	104-51-8	
sec-Butylbenzene	0.29	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	135-98-8	
tert-Butylbenzene	0.12	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.066	0.015	1	10/26/21 08:45	10/28/21 03:02	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.066	0.0080	1	10/26/21 08:45	10/28/21 03:02	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/28/21 03:02	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/26/21 08:45	10/28/21 03:02	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/26/21 08:45	10/28/21 03:02	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/26/21 08:45	10/28/21 03:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	106-93-4	
Dibromomethane	<0.020	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.066	0.029	1	10/26/21 08:45	10/28/21 03:02	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/26/21 08:45	10/28/21 03:02	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/26/21 08:45	10/28/21 03:02	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/28/21 03:02	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	108-20-3	
Ethylbenzene	0.045J	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/28/21 03:02	87-68-3	
Isopropylbenzene (Cumene)	0.17	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	98-82-8	
p-Isopropyltoluene	0.31	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	1634-04-4	
Naphthalene	0.56	mg/kg	0.33	0.021	1	10/26/21 08:45	10/28/21 03:02	91-20-3	
n-Propylbenzene	0.28	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/26/21 08:45	10/28/21 03:02	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/26/21 08:45	10/28/21 03:02	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/26/21 08:45	10/28/21 03:02	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/26/21 08:45	10/28/21 03:02	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/26/21 08:45	10/28/21 03:02	79-00-5	
Trichloroethene	0.33	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/26/21 08:45	10/28/21 03:02	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/26/21 08:45	10/28/21 03:02	96-18-4	
1,2,4-Trimethylbenzene	2.7	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	95-63-6	
1,3,5-Trimethylbenzene	1.1	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/26/21 08:45	10/28/21 03:02	75-01-4	
m&p-Xylene	0.065J	mg/kg	0.13	0.028	1	10/26/21 08:45	10/28/21 03:02	179601-23-1	
o-Xylene	0.022J	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	67-159		1	10/26/21 08:45	10/28/21 03:02	2037-26-5	
4-Bromofluorobenzene (S)	127	%	66-153		1	10/26/21 08:45	10/28/21 03:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	126	%	82-158		1	10/26/21 08:45	10/28/21 03:02	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	14.1	%	0.10	0.10	1		10/26/21 09:05		
------------------	------	---	------	------	---	--	----------------	--	--

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1110	mg/kg	99.8	29.8	25	10/29/21 09:01	11/01/21 08:47		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.0	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:26	7440-38-2	
Barium	33.7	mg/kg	0.53	0.16	1	10/26/21 07:24	10/26/21 19:26	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	10/26/21 07:24	10/26/21 19:26	7440-43-9	
Chromium	11.2	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:26	7440-47-3	
Lead	5.3	mg/kg	2.1	0.64	1	10/26/21 07:24	10/26/21 19:26	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:26	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:26	7440-22-4	

7471 Mercury

Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.010	mg/kg	0.036	0.010	1	11/02/21 09:25	11/03/21 10:48	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.26	mg/kg	0.88	0.26	4	11/01/21 13:48	11/01/21 21:27	83-32-9	
Acenaphthylene	<0.27	mg/kg	0.88	0.27	4	11/01/21 13:48	11/01/21 21:27	208-96-8	
Anthracene	<0.12	mg/kg	0.40	0.12	4	11/01/21 13:48	11/01/21 21:27	120-12-7	
Benzo(a)anthracene	<0.12	mg/kg	0.38	0.12	4	11/01/21 13:48	11/01/21 21:27	56-55-3	
Benzo(a)pyrene	0.30J	mg/kg	0.37	0.11	4	11/01/21 13:48	11/01/21 21:27	50-32-8	
Benzo(b)fluoranthene	0.21J	mg/kg	0.43	0.13	4	11/01/21 13:48	11/01/21 21:27	205-99-2	
Benzo(g,h,i)perylene	0.48J	mg/kg	0.65	0.19	4	11/01/21 13:48	11/01/21 21:27	191-24-2	
Benzo(k)fluoranthene	0.19J	mg/kg	0.59	0.18	4	11/01/21 13:48	11/01/21 21:27	207-08-9	
Chrysene	<0.11	mg/kg	0.37	0.11	4	11/01/21 13:48	11/01/21 21:27	218-01-9	
Dibenz(a,h)anthracene	0.51J	mg/kg	0.67	0.20	4	11/01/21 13:48	11/01/21 21:27	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.40	mg/kg	1.3	0.40	4	11/01/21 13:48	11/01/21 21:27	123-91-1	
Fluoranthene	<0.11	mg/kg	0.35	0.11	4	11/01/21 13:48	11/01/21 21:27	206-44-0	
Fluorene	<0.087	mg/kg	0.29	0.087	4	11/01/21 13:48	11/01/21 21:27	86-73-7	
Indeno(1,2,3-cd)pyrene	0.60	mg/kg	0.54	0.16	4	11/01/21 13:48	11/01/21 21:27	193-39-5	
1-Methylnaphthalene	<0.21	mg/kg	0.71	0.21	4	11/01/21 13:48	11/01/21 21:27	90-12-0	D3
2-Methylnaphthalene	<0.19	mg/kg	0.64	0.19	4	11/01/21 13:48	11/01/21 21:27	91-57-6	
Naphthalene	<0.26	mg/kg	0.87	0.26	4	11/01/21 13:48	11/01/21 21:27	91-20-3	
Phenanthrene	<0.095	mg/kg	0.32	0.095	4	11/01/21 13:48	11/01/21 21:27	85-01-8	
Pyrene	<0.16	mg/kg	0.55	0.16	4	11/01/21 13:48	11/01/21 21:27	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	33	%	40-96		4	11/01/21 13:48	11/01/21 21:27	4165-60-0	S0
2-Fluorobiphenyl (S)	36	%	14-110		4	11/01/21 13:48	11/01/21 21:27	321-60-8	
Terphenyl-d14 (S)	46	%	10-121		4	11/01/21 13:48	11/01/21 21:27	1718-51-0	
Phenol-d6 (S)	32	%	14-104		4	11/01/21 13:48	11/01/21 21:27	13127-88-3	
2-Fluorophenol (S)	28	%	10-112		4	11/01/21 13:48	11/01/21 21:27	367-12-4	
2,4,6-Tribromophenol (S)	38	%	10-128		4	11/01/21 13:48	11/01/21 21:27	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 03:41	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 03:41	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 03:41	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/26/21 08:45	10/28/21 03:41	74-83-9	
n-Butylbenzene	0.23	mg/kg	0.062	0.028	1	10/26/21 08:45	10/28/21 03:41	104-51-8	
sec-Butylbenzene	0.10	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 03:41	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/26/21 08:45	10/28/21 03:41	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 03:41	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/26/21 08:45	10/28/21 03:41	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 03:41	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 03:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/26/21 08:45	10/28/21 03:41	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 03:41	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 03:41	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 03:41	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 03:41	87-68-3	
Isopropylbenzene (Cumene)	0.052J	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	98-82-8	
p-Isopropyltoluene	0.089	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	1634-04-4	
Naphthalene	0.089J	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 03:41	91-20-3	
n-Propylbenzene	0.18	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/28/21 03:41	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 03:41	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 03:41	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 03:41	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/28/21 03:41	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 03:41	96-18-4	
1,2,4-Trimethylbenzene	1.2	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	95-63-6	
1,3,5-Trimethylbenzene	0.43	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/26/21 08:45	10/28/21 03:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
m&p-Xylene	0.027J	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 03:41	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	95-47-6	
Surrogates									
Toluene-d8 (S)	116	%	67-159		1	10/26/21 08:45	10/28/21 03:41	2037-26-5	
4-Bromofluorobenzene (S)	135	%	66-153		1	10/26/21 08:45	10/28/21 03:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 03:41	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.3	%	0.10	0.10	1		10/26/21 09:06		

Sample: SB-10 (8-10) **Lab ID: 40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	4.3	mg/kg	4.0	1.2	1	10/29/21 09:01	11/01/21 08:38		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:28	7440-38-2	
Barium	31.5	mg/kg	0.54	0.16	1	10/26/21 07:24	10/26/21 19:28	7440-39-3	
Cadmium	0.21J	mg/kg	0.54	0.14	1	10/26/21 07:24	10/26/21 19:28	7440-43-9	
Chromium	8.3	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:28	7440-47-3	
Lead	7.5	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:28	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:28	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:28	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:51	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 11:23	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 11:23	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 11:23	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 11:23	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 11:23	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 11:23	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-10 (8-10) **Lab ID: 40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:23	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 11:23	207-08-9	
Chrysene	<0.028	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 11:23	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:23	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.33	0.10	1	11/01/21 13:48	11/02/21 11:23	123-91-1	
Fluoranthene	<0.026	mg/kg	0.087	0.026	1	11/01/21 13:48	11/02/21 11:23	206-44-0	
Fluorene	<0.022	mg/kg	0.072	0.022	1	11/01/21 13:48	11/02/21 11:23	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 11:23	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 11:23	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:23	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 11:23	91-20-3	
Phenanthrene	<0.024	mg/kg	0.079	0.024	1	11/01/21 13:48	11/02/21 11:23	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 11:23	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	71	%	40-96		1	11/01/21 13:48	11/02/21 11:23	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	11/01/21 13:48	11/02/21 11:23	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	11/01/21 13:48	11/02/21 11:23	1718-51-0	
Phenol-d6 (S)	68	%	14-104		1	11/01/21 13:48	11/02/21 11:23	13127-88-3	
2-Fluorophenol (S)	66	%	10-112		1	11/01/21 13:48	11/02/21 11:23	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-128		1	11/01/21 13:48	11/02/21 11:23	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

Benzene	<0.014	mg/kg	0.024	0.014	1	10/26/21 08:45	10/28/21 10:16	71-43-2	
Bromobenzene	<0.024	mg/kg	0.061	0.024	1	10/26/21 08:45	10/28/21 10:16	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	75-27-4	
Bromoform	<0.27	mg/kg	0.30	0.27	1	10/26/21 08:45	10/28/21 10:16	75-25-2	
Bromomethane	<0.085	mg/kg	0.30	0.085	1	10/26/21 08:45	10/28/21 10:16	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.061	0.028	1	10/26/21 08:45	10/28/21 10:16	104-51-8	
sec-Butylbenzene	0.027J	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.061	0.019	1	10/26/21 08:45	10/28/21 10:16	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	56-23-5	
Chlorobenzene	<0.0073	mg/kg	0.061	0.0073	1	10/26/21 08:45	10/28/21 10:16	108-90-7	
Chloroethane	<0.026	mg/kg	0.30	0.026	1	10/26/21 08:45	10/28/21 10:16	75-00-3	
Chloroform	<0.043	mg/kg	0.30	0.043	1	10/26/21 08:45	10/28/21 10:16	67-66-3	
Chloromethane	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	106-43-4	
1,2-Dibromo-3-chloropropane	<0.047	mg/kg	0.30	0.047	1	10/26/21 08:45	10/28/21 10:16	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.30	0.21	1	10/26/21 08:45	10/28/21 10:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	106-93-4	
Dibromomethane	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.061	0.019	1	10/26/21 08:45	10/28/21 10:16	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-10 (8-10)** Lab ID: **40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.061	0.026	1	10/26/21 08:45	10/28/21 10:16	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	142-28-9	
2,2-Dichloropropane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	563-58-6	
cis-1,3-Dichloropropene	<0.040	mg/kg	0.30	0.040	1	10/26/21 08:45	10/28/21 10:16	10061-01-5	
trans-1,3-Dichloropropene	<0.17	mg/kg	0.30	0.17	1	10/26/21 08:45	10/28/21 10:16	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	108-20-3	
Ethylbenzene	0.021J	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.30	0.12	1	10/26/21 08:45	10/28/21 10:16	87-68-3	
Isopropylbenzene (Cumene)	0.020J	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	98-82-8	
p-Isopropyltoluene	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	1634-04-4	
Naphthalene	<0.019	mg/kg	0.30	0.019	1	10/26/21 08:45	10/28/21 10:16	91-20-3	
n-Propylbenzene	0.083	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	103-65-1	
Styrene	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.061	0.022	1	10/26/21 08:45	10/28/21 10:16	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.061	0.024	1	10/26/21 08:45	10/28/21 10:16	127-18-4	
Toluene	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	108-88-3	
1,2,3-Trichlorobenzene	<0.068	mg/kg	0.30	0.068	1	10/26/21 08:45	10/28/21 10:16	87-61-6	
1,2,4-Trichlorobenzene	<0.050	mg/kg	0.30	0.050	1	10/26/21 08:45	10/28/21 10:16	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.061	0.022	1	10/26/21 08:45	10/28/21 10:16	79-00-5	
Trichloroethene	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	75-69-4	
1,2,3-Trichloropropane	<0.029	mg/kg	0.061	0.029	1	10/26/21 08:45	10/28/21 10:16	96-18-4	
1,2,4-Trimethylbenzene	0.086	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.061	0.012	1	10/26/21 08:45	10/28/21 10:16	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 10:16	179601-23-1	
o-Xylene	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/26/21 08:45	10/28/21 10:16	2037-26-5	
4-Bromofluorobenzene (S)	126	%	66-153		1	10/26/21 08:45	10/28/21 10:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	119	%	82-158		1	10/26/21 08:45	10/28/21 10:16	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-10 (8-10) Lab ID: 40235717020 Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.6	%	0.10	0.10	1		10/26/21 09:06		

Sample: SB-11 (2-4) Lab ID: 40235717021 Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.3	mg/kg	3.0	1.8	1	10/26/21 06:50	10/26/21 13:59	7440-38-2	
Barium	102	mg/kg	0.60	0.18	1	10/26/21 06:50	10/26/21 13:59	7440-39-3	M0
Cadmium	0.35J	mg/kg	0.60	0.16	1	10/26/21 06:50	10/26/21 13:59	7440-43-9	
Chromium	24.2	mg/kg	1.2	0.33	1	10/26/21 06:50	10/26/21 13:59	7440-47-3	
Lead	13.1	mg/kg	2.4	0.72	1	10/26/21 06:50	10/26/21 13:59	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 06:50	10/26/21 13:59	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 06:50	10/26/21 13:59	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	0.035J	mg/kg	0.042	0.012	1	11/02/21 12:22	11/03/21 10:58	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.071	mg/kg	0.24	0.071	1	11/01/21 13:48	11/02/21 11:44	83-32-9	
Acenaphthylene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/02/21 11:44	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 11:44	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 11:44	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 11:44	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	11/01/21 13:48	11/02/21 11:44	205-99-2	
Benzo(g,h,i)perylene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:44	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:44	207-08-9	
Chrysene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 11:44	218-01-9	
Dibenz(a,h)anthracene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 11:44	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	11/01/21 13:48	11/02/21 11:44	123-91-1	
Fluoranthene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/02/21 11:44	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	11/01/21 13:48	11/02/21 11:44	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 11:44	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	11/01/21 13:48	11/02/21 11:44	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:44	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 11:44	91-20-3	
Phenanthrene	<0.026	mg/kg	0.086	0.026	1	11/01/21 13:48	11/02/21 11:44	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 11:44	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (2-4) **Lab ID: 40235717021** Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	69	%	40-96		1	11/01/21 13:48	11/02/21 11:44	4165-60-0	
2-Fluorobiphenyl (S)	63	%	14-110		1	11/01/21 13:48	11/02/21 11:44	321-60-8	
Terphenyl-d14 (S)	72	%	10-121		1	11/01/21 13:48	11/02/21 11:44	1718-51-0	
Phenol-d6 (S)	60	%	14-104		1	11/01/21 13:48	11/02/21 11:44	13127-88-3	
2-Fluorophenol (S)	60	%	10-112		1	11/01/21 13:48	11/02/21 11:44	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-128		1	11/01/21 13:48	11/02/21 11:44	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.028	0.017	1	10/28/21 08:45	10/29/21 15:53	71-43-2	
Bromobenzene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/28/21 08:45	10/29/21 15:53	75-25-2	
Bromomethane	<0.098	mg/kg	0.35	0.098	1	10/28/21 08:45	10/29/21 15:53	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.070	0.032	1	10/28/21 08:45	10/29/21 15:53	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.070	0.022	1	10/28/21 08:45	10/29/21 15:53	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	56-23-5	
Chlorobenzene	<0.0084	mg/kg	0.070	0.0084	1	10/28/21 08:45	10/29/21 15:53	108-90-7	
Chloroethane	<0.030	mg/kg	0.35	0.030	1	10/28/21 08:45	10/29/21 15:53	75-00-3	
Chloroform	<0.050	mg/kg	0.35	0.050	1	10/28/21 08:45	10/29/21 15:53	67-66-3	
Chloromethane	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	<0.054	mg/kg	0.35	0.054	1	10/28/21 08:45	10/29/21 15:53	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/28/21 08:45	10/29/21 15:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	106-93-4	
Dibromomethane	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.070	0.022	1	10/28/21 08:45	10/29/21 15:53	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.070	0.030	1	10/28/21 08:45	10/29/21 15:53	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.070	0.016	1	10/28/21 08:45	10/29/21 15:53	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	563-58-6	
cis-1,3-Dichloropropene	<0.046	mg/kg	0.35	0.046	1	10/28/21 08:45	10/29/21 15:53	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (2-4) **Lab ID: 40235717021** Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/28/21 08:45	10/29/21 15:53	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/28/21 08:45	10/29/21 15:53	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/28/21 08:45	10/29/21 15:53	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	103-65-1	
Styrene	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.070	0.025	1	10/28/21 08:45	10/29/21 15:53	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	127-18-4	
Toluene	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	108-88-3	
1,2,3-Trichlorobenzene	<0.078	mg/kg	0.35	0.078	1	10/28/21 08:45	10/29/21 15:53	87-61-6	
1,2,4-Trichlorobenzene	<0.058	mg/kg	0.35	0.058	1	10/28/21 08:45	10/29/21 15:53	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.070	0.026	1	10/28/21 08:45	10/29/21 15:53	79-00-5	
Trichloroethene	<0.026	mg/kg	0.070	0.026	1	10/28/21 08:45	10/29/21 15:53	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.070	0.020	1	10/28/21 08:45	10/29/21 15:53	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.070	0.034	1	10/28/21 08:45	10/29/21 15:53	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.070	0.014	1	10/28/21 08:45	10/29/21 15:53	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/28/21 08:45	10/29/21 15:53	179601-23-1	
o-Xylene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/28/21 08:45	10/29/21 15:53	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	10/28/21 08:45	10/29/21 15:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	10/28/21 08:45	10/29/21 15:53	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7	mg/kg	2.6	1.6	1	10/26/21 06:50	10/26/21 14:08	7440-38-2	
Barium	36.5	mg/kg	0.53	0.16	1	10/26/21 06:50	10/26/21 14:08	7440-39-3	
Cadmium	0.24J	mg/kg	0.53	0.14	1	10/26/21 06:50	10/26/21 14:08	7440-43-9	
Chromium	8.4	mg/kg	1.1	0.29	1	10/26/21 06:50	10/26/21 14:08	7440-47-3	
Lead	6.0	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:08	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:08	7782-49-2	
Silver	<0.32	mg/kg	1.1	0.32	1	10/26/21 06:50	10/26/21 14:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:05	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 12:05	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 12:05	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 12:05	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 12:05	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:05	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 12:05	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 12:05	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 12:05	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:05	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 12:05	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 12:05	123-91-1	
Fluoranthene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 12:05	206-44-0	
Fluorene	<0.022	mg/kg	0.072	0.022	1	11/01/21 13:48	11/02/21 12:05	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 12:05	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:05	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 12:05	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 12:05	91-20-3	
Phenanthrene	<0.024	mg/kg	0.079	0.024	1	11/01/21 13:48	11/02/21 12:05	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 12:05	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	79	%	40-96		1	11/01/21 13:48	11/02/21 12:05	4165-60-0	
2-Fluorobiphenyl (S)	72	%	14-110		1	11/01/21 13:48	11/02/21 12:05	321-60-8	
Terphenyl-d14 (S)	87	%	10-121		1	11/01/21 13:48	11/02/21 12:05	1718-51-0	
Phenol-d6 (S)	80	%	14-104		1	11/01/21 13:48	11/02/21 12:05	13127-88-3	
2-Fluorophenol (S)	82	%	10-112		1	11/01/21 13:48	11/02/21 12:05	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	11/01/21 13:48	11/02/21 12:05	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 16:12	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.024	mg/kg	0.061	0.024	1	10/28/21 08:45	10/29/21 16:12	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/28/21 08:45	10/29/21 16:12	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/28/21 08:45	10/29/21 16:12	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.061	0.028	1	10/28/21 08:45	10/29/21 16:12	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.061	0.0074	1	10/28/21 08:45	10/29/21 16:12	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 16:12	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/28/21 08:45	10/29/21 16:12	67-66-3	
Chloromethane	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/28/21 08:45	10/29/21 16:12	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 16:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	106-93-4	
Dibromomethane	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.061	0.026	1	10/28/21 08:45	10/29/21 16:12	75-71-8	
1,1-Dichloroethane	0.073	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.061	0.014	1	10/28/21 08:45	10/29/21 16:12	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	75-35-4	
cis-1,2-Dichloroethene	0.020J	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	563-58-6	
cis-1,3-Dichloropropene	<0.040	mg/kg	0.31	0.040	1	10/28/21 08:45	10/29/21 16:12	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 16:12	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 16:12	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/28/21 08:45	10/29/21 16:12	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	103-65-1	
Styrene	<0.016	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.061	0.022	1	10/28/21 08:45	10/29/21 16:12	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.061	0.024	1	10/28/21 08:45	10/29/21 16:12	127-18-4	
Toluene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	108-88-3	
1,2,3-Trichlorobenzene	<0.068	mg/kg	0.31	0.068	1	10/28/21 08:45	10/29/21 16:12	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/28/21 08:45	10/29/21 16:12	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.061	0.022	1	10/28/21 08:45	10/29/21 16:12	79-00-5	
Trichloroethene	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.061	0.030	1	10/28/21 08:45	10/29/21 16:12	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.061	0.012	1	10/28/21 08:45	10/29/21 16:12	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/28/21 08:45	10/29/21 16:12	179601-23-1	
o-Xylene	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	95-47-6	
Surrogates									
Toluene-d8 (S)	113	%	67-159		1	10/28/21 08:45	10/29/21 16:12	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/28/21 08:45	10/29/21 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 16:12	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	10.2	%	0.10	0.10	1		10/26/21 09:35		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.9	mg/kg	2.8	1.6	1	10/26/21 06:50	10/26/21 14:13	7440-38-2	
Barium	31.0	mg/kg	0.55	0.17	1	10/26/21 06:50	10/26/21 14:13	7440-39-3	
Cadmium	0.49J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:13	7440-43-9	
Chromium	38.2	mg/kg	1.1	0.31	1	10/26/21 06:50	10/26/21 14:13	7440-47-3	
Lead	60.6	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:13	7439-92-1	
Selenium	<1.5	mg/kg	4.4	1.5	1	10/26/21 06:50	10/26/21 14:13	7782-49-2	
Silver	0.37J	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:13	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.040	0.011	1	11/02/21 12:22	11/03/21 11:12	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.14	mg/kg	0.46	0.14	2	11/01/21 13:48	11/02/21 19:46	83-32-9	
Acenaphthylene	<0.14	mg/kg	0.46	0.14	2	11/01/21 13:48	11/02/21 19:46	208-96-8	
Anthracene	0.083J	mg/kg	0.21	0.062	2	11/01/21 13:48	11/02/21 19:46	120-12-7	
Benzo(a)anthracene	0.87	mg/kg	0.20	0.060	2	11/01/21 13:48	11/02/21 19:46	56-55-3	
Benzo(a)pyrene	1.3	mg/kg	0.20	0.059	2	11/01/21 13:48	11/02/21 19:46	50-32-8	
Benzo(b)fluoranthene	2.1	mg/kg	0.22	0.067	2	11/01/21 13:48	11/02/21 19:46	205-99-2	
Benzo(g,h,i)perylene	1.6	mg/kg	0.34	0.10	2	11/01/21 13:48	11/02/21 19:46	191-24-2	
Benzo(k)fluoranthene	0.78	mg/kg	0.31	0.093	2	11/01/21 13:48	11/02/21 19:46	207-08-9	
Chrysene	1.4	mg/kg	0.19	0.058	2	11/01/21 13:48	11/02/21 19:46	218-01-9	
Dibenz(a,h)anthracene	0.24J	mg/kg	0.35	0.11	2	11/01/21 13:48	11/02/21 19:46	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.21	mg/kg	0.70	0.21	2	11/01/21 13:48	11/02/21 19:46	123-91-1	
Fluoranthene	2.7	mg/kg	0.18	0.055	2	11/01/21 13:48	11/02/21 19:46	206-44-0	
Fluorene	<0.046	mg/kg	0.15	0.046	2	11/01/21 13:48	11/02/21 19:46	86-73-7	
Indeno(1,2,3-cd)pyrene	1.4	mg/kg	0.28	0.084	2	11/01/21 13:48	11/02/21 19:46	193-39-5	
1-Methylnaphthalene	<0.11	mg/kg	0.37	0.11	2	11/01/21 13:48	11/02/21 19:46	90-12-0	D3
2-Methylnaphthalene	<0.10	mg/kg	0.34	0.10	2	11/01/21 13:48	11/02/21 19:46	91-57-6	
Naphthalene	<0.14	mg/kg	0.45	0.14	2	11/01/21 13:48	11/02/21 19:46	91-20-3	
Phenanthrene	0.99	mg/kg	0.17	0.050	2	11/01/21 13:48	11/02/21 19:46	85-01-8	
Pyrene	2.5	mg/kg	0.29	0.086	2	11/01/21 13:48	11/02/21 19:46	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	69	%	40-96		2	11/01/21 13:48	11/02/21 19:46	4165-60-0	
2-Fluorobiphenyl (S)	69	%	14-110		2	11/01/21 13:48	11/02/21 19:46	321-60-8	
Terphenyl-d14 (S)	78	%	10-121		2	11/01/21 13:48	11/02/21 19:46	1718-51-0	
Phenol-d6 (S)	63	%	14-104		2	11/01/21 13:48	11/02/21 19:46	13127-88-3	
2-Fluorophenol (S)	49	%	10-112		2	11/01/21 13:48	11/02/21 19:46	367-12-4	
2,4,6-Tribromophenol (S)	31	%	10-128		2	11/01/21 13:48	11/02/21 19:46	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 16:32	71-43-2	
Bromobenzene	<0.026	mg/kg	0.067	0.026	1	10/28/21 08:45	10/29/21 16:32	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 16:32	75-25-2	
Bromomethane	<0.094	mg/kg	0.33	0.094	1	10/28/21 08:45	10/29/21 16:32	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.067	0.031	1	10/28/21 08:45	10/29/21 16:32	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.067	0.0080	1	10/28/21 08:45	10/29/21 16:32	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 16:32	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/28/21 08:45	10/29/21 16:32	67-66-3	
Chloromethane	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/28/21 08:45	10/29/21 16:32	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/28/21 08:45	10/29/21 16:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	106-93-4	
Dibromomethane	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.067	0.029	1	10/28/21 08:45	10/29/21 16:32	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/28/21 08:45	10/29/21 16:32	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/28/21 08:45	10/29/21 16:32	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/28/21 08:45	10/29/21 16:32	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 16:32	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 16:32	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.067	0.019	1	10/28/21 08:45	10/29/21 16:32	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 16:32	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	103-65-1	
Styrene	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.067	0.024	1	10/28/21 08:45	10/29/21 16:32	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.067	0.026	1	10/28/21 08:45	10/29/21 16:32	127-18-4	
Toluene	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/28/21 08:45	10/29/21 16:32	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/28/21 08:45	10/29/21 16:32	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.067	0.024	1	10/28/21 08:45	10/29/21 16:32	79-00-5	
Trichloroethene	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.067	0.019	1	10/28/21 08:45	10/29/21 16:32	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.032	mg/kg	0.067	0.032	1	10/28/21 08:45	10/29/21 16:32	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.067	0.013	1	10/28/21 08:45	10/29/21 16:32	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 16:32	179601-23-1	
o-Xylene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/28/21 08:45	10/29/21 16:32	2037-26-5	
4-Bromofluorobenzene (S)	127	%	66-153		1	10/28/21 08:45	10/29/21 16:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	82-158		1	10/28/21 08:45	10/29/21 16:32	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.4	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	1.9J	mg/kg	2.9	1.7	1	10/26/21 06:50	10/26/21 14:16	7440-38-2	
Barium	44.0	mg/kg	0.58	0.17	1	10/26/21 06:50	10/26/21 14:16	7440-39-3	
Cadmium	0.20J	mg/kg	0.58	0.15	1	10/26/21 06:50	10/26/21 14:16	7440-43-9	
Chromium	26.3	mg/kg	1.2	0.32	1	10/26/21 06:50	10/26/21 14:16	7440-47-3	
Lead	5.0	mg/kg	2.3	0.69	1	10/26/21 06:50	10/26/21 14:16	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 06:50	10/26/21 14:16	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 06:50	10/26/21 14:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:14	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 12:26	83-32-9	
Acenaphthylene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 12:26	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:26	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 12:26	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 12:26	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	11/01/21 13:48	11/02/21 12:26	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 12:26	191-24-2	
Benzo(k)fluoranthene	<0.047	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 12:26	207-08-9	
Chrysene	<0.029	mg/kg	0.098	0.029	1	11/01/21 13:48	11/02/21 12:26	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:26	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 12:26	123-91-1	
Fluoranthene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:26	206-44-0	
Fluorene	<0.023	mg/kg	0.077	0.023	1	11/01/21 13:48	11/02/21 12:26	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 12:26	193-39-5	
1-Methylnaphthalene	<0.056	mg/kg	0.19	0.056	1	11/01/21 13:48	11/02/21 12:26	90-12-0	
2-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 12:26	91-57-6	
Naphthalene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 12:26	91-20-3	
Phenanthrene	<0.025	mg/kg	0.084	0.025	1	11/01/21 13:48	11/02/21 12:26	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 12:26	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	11/01/21 13:48	11/02/21 12:26	4165-60-0	
2-Fluorobiphenyl (S)	82	%	14-110		1	11/01/21 13:48	11/02/21 12:26	321-60-8	
Terphenyl-d14 (S)	92	%	10-121		1	11/01/21 13:48	11/02/21 12:26	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	11/01/21 13:48	11/02/21 12:26	13127-88-3	
2-Fluorophenol (S)	78	%	10-112		1	11/01/21 13:48	11/02/21 12:26	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-128		1	11/01/21 13:48	11/02/21 12:26	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 16:51	71-43-2	
Bromobenzene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	75-27-4	
Bromoform	<0.30	mg/kg	0.34	0.30	1	10/28/21 08:45	10/29/21 16:51	75-25-2	
Bromomethane	<0.095	mg/kg	0.34	0.095	1	10/28/21 08:45	10/29/21 16:51	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.068	0.031	1	10/28/21 08:45	10/29/21 16:51	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	56-23-5	
Chlorobenzene	<0.0081	mg/kg	0.068	0.0081	1	10/28/21 08:45	10/29/21 16:51	108-90-7	
Chloroethane	<0.029	mg/kg	0.34	0.029	1	10/28/21 08:45	10/29/21 16:51	75-00-3	
Chloroform	<0.048	mg/kg	0.34	0.048	1	10/28/21 08:45	10/29/21 16:51	67-66-3	
Chloromethane	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	95-49-8	
4-Chlorotoluene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	<0.053	mg/kg	0.34	0.053	1	10/28/21 08:45	10/29/21 16:51	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.34	0.23	1	10/28/21 08:45	10/29/21 16:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	106-93-4	
Dibromomethane	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.068	0.029	1	10/28/21 08:45	10/29/21 16:51	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.068	0.014	1	10/28/21 08:45	10/29/21 16:51	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.068	0.018	1	10/28/21 08:45	10/29/21 16:51	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	563-58-6	
cis-1,3-Dichloropropene	<0.045	mg/kg	0.34	0.045	1	10/28/21 08:45	10/29/21 16:51	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.34	0.19	1	10/28/21 08:45	10/29/21 16:51	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.34	0.13	1	10/28/21 08:45	10/29/21 16:51	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.068	0.018	1	10/28/21 08:45	10/29/21 16:51	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	1634-04-4	
Naphthalene	<0.021	mg/kg	0.34	0.021	1	10/28/21 08:45	10/29/21 16:51	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	103-65-1	
Styrene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	127-18-4	
Toluene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	108-88-3	
1,2,3-Trichlorobenzene	<0.075	mg/kg	0.34	0.075	1	10/28/21 08:45	10/29/21 16:51	87-61-6	
1,2,4-Trichlorobenzene	<0.056	mg/kg	0.34	0.056	1	10/28/21 08:45	10/29/21 16:51	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	71-55-6	
1,1,2-Trichloroethane	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-00-5	
Trichloroethene	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	75-69-4	
1,2,3-Trichloropropane	<0.033	mg/kg	0.068	0.033	1	10/28/21 08:45	10/29/21 16:51	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	95-63-6	
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.068	0.014	1	10/28/21 08:45	10/29/21 16:51	75-01-4	
m&p-Xylene	<0.029	mg/kg	0.14	0.029	1	10/28/21 08:45	10/29/21 16:51	179601-23-1	
o-Xylene	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	67-159		1	10/28/21 08:45	10/29/21 16:51	2037-26-5	
4-Bromofluorobenzene (S)	126	%	66-153		1	10/28/21 08:45	10/29/21 16:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	82-158		1	10/28/21 08:45	10/29/21 16:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	15.0	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay									
Arsenic	6.0	mg/kg	3.1	1.8	1	10/26/21 06:50	10/26/21 14:23	7440-38-2	
Barium	68.3	mg/kg	0.61	0.18	1	10/26/21 06:50	10/26/21 14:23	7440-39-3	
Cadmium	<0.16	mg/kg	0.61	0.16	1	10/26/21 06:50	10/26/21 14:23	7440-43-9	
Chromium	24.9	mg/kg	1.2	0.34	1	10/26/21 06:50	10/26/21 14:23	7440-47-3	
Lead	12.4	mg/kg	2.4	0.73	1	10/26/21 06:50	10/26/21 14:23	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	10/26/21 06:50	10/26/21 14:23	7782-49-2	
Silver	<0.38	mg/kg	1.2	0.38	1	10/26/21 06:50	10/26/21 14:23	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	0.039J	mg/kg	0.042	0.012	1	11/02/21 12:22	11/03/21 11:16	7439-97-6	
---------	---------------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Acenaphthene	<0.073	mg/kg	0.24	0.073	1	11/01/21 13:48	11/02/21 12:47	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	11/01/21 13:48	11/02/21 12:47	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 12:47	120-12-7	
Benzo(a)anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 12:47	56-55-3	
Benzo(a)pyrene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:47	50-32-8	
Benzo(b)fluoranthene	<0.035	mg/kg	0.12	0.035	1	11/01/21 13:48	11/02/21 12:47	205-99-2	
Benzo(g,h,i)perylene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 12:47	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 12:47	207-08-9	
Chrysene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:47	218-01-9	
Dibenz(a,h)anthracene	<0.056	mg/kg	0.19	0.056	1	11/01/21 13:48	11/02/21 12:47	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	11/01/21 13:48	11/02/21 12:47	123-91-1	
Fluoranthene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 12:47	206-44-0	
Fluorene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 12:47	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 12:47	193-39-5	
1-Methylnaphthalene	<0.059	mg/kg	0.20	0.059	1	11/01/21 13:48	11/02/21 12:47	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:47	91-57-6	
Naphthalene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/02/21 12:47	91-20-3	
Phenanthrene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 12:47	85-01-8	
Pyrene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 12:47	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	73	%	40-96		1	11/01/21 13:48	11/02/21 12:47	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	11/01/21 13:48	11/02/21 12:47	321-60-8	
Terphenyl-d14 (S)	80	%	10-121		1	11/01/21 13:48	11/02/21 12:47	1718-51-0	
Phenol-d6 (S)	74	%	14-104		1	11/01/21 13:48	11/02/21 12:47	13127-88-3	
2-Fluorophenol (S)	78	%	10-112		1	11/01/21 13:48	11/02/21 12:47	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-128		1	11/01/21 13:48	11/02/21 12:47	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.029	0.017	1	10/28/21 08:45	10/29/21 17:11	71-43-2	
Bromobenzene	<0.029	mg/kg	0.073	0.029	1	10/28/21 08:45	10/29/21 17:11	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	75-27-4	
Bromoform	<0.32	mg/kg	0.37	0.32	1	10/28/21 08:45	10/29/21 17:11	75-25-2	
Bromomethane	<0.10	mg/kg	0.37	0.10	1	10/28/21 08:45	10/29/21 17:11	74-83-9	
n-Butylbenzene	<0.034	mg/kg	0.073	0.034	1	10/28/21 08:45	10/29/21 17:11	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.073	0.023	1	10/28/21 08:45	10/29/21 17:11	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	56-23-5	
Chlorobenzene	<0.0088	mg/kg	0.073	0.0088	1	10/28/21 08:45	10/29/21 17:11	108-90-7	
Chloroethane	<0.031	mg/kg	0.37	0.031	1	10/28/21 08:45	10/29/21 17:11	75-00-3	
Chloroform	<0.053	mg/kg	0.37	0.053	1	10/28/21 08:45	10/29/21 17:11	67-66-3	
Chloromethane	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	74-87-3	
2-Chlorotoluene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	95-49-8	
4-Chlorotoluene	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	<0.057	mg/kg	0.37	0.057	1	10/28/21 08:45	10/29/21 17:11	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.37	0.25	1	10/28/21 08:45	10/29/21 17:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	106-93-4	
Dibromomethane	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	74-95-3	
1,2-Dichlorobenzene	<0.023	mg/kg	0.073	0.023	1	10/28/21 08:45	10/29/21 17:11	95-50-1	
1,3-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	106-46-7	
Dichlorodifluoromethane	<0.032	mg/kg	0.073	0.032	1	10/28/21 08:45	10/29/21 17:11	75-71-8	
1,1-Dichloroethane	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	75-35-4	
cis-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	142-28-9	
2,2-Dichloropropane	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	594-20-7	
1,1-Dichloropropene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	563-58-6	
cis-1,3-Dichloropropene	<0.048	mg/kg	0.37	0.048	1	10/28/21 08:45	10/29/21 17:11	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.21	mg/kg	0.37	0.21	1	10/28/21 08:45	10/29/21 17:11	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	100-41-4	
Hexachloro-1,3-butadiene	<0.15	mg/kg	0.37	0.15	1	10/28/21 08:45	10/29/21 17:11	87-68-3	
Isopropylbenzene (Cumene)	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	75-09-2	
Methyl-tert-butyl ether	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	1634-04-4	
Naphthalene	<0.023	mg/kg	0.37	0.023	1	10/28/21 08:45	10/29/21 17:11	91-20-3	
n-Propylbenzene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	103-65-1	
Styrene	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	127-18-4	
Toluene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	108-88-3	
1,2,3-Trichlorobenzene	<0.082	mg/kg	0.37	0.082	1	10/28/21 08:45	10/29/21 17:11	87-61-6	
1,2,4-Trichlorobenzene	<0.060	mg/kg	0.37	0.060	1	10/28/21 08:45	10/29/21 17:11	120-82-1	
1,1,1-Trichloroethane	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	71-55-6	
1,1,2-Trichloroethane	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-00-5	
Trichloroethene	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.073	0.021	1	10/28/21 08:45	10/29/21 17:11	75-69-4	
1,2,3-Trichloropropane	<0.036	mg/kg	0.073	0.036	1	10/28/21 08:45	10/29/21 17:11	96-18-4	
1,2,4-Trimethylbenzene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	95-63-6	
1,3,5-Trimethylbenzene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.073	0.015	1	10/28/21 08:45	10/29/21 17:11	75-01-4	
m&p-Xylene	<0.031	mg/kg	0.15	0.031	1	10/28/21 08:45	10/29/21 17:11	179601-23-1	
o-Xylene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	95-47-6	
Surrogates									
Toluene-d8 (S)	136	%	67-159		1	10/28/21 08:45	10/29/21 17:11	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/28/21 08:45	10/29/21 17:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	82-158		1	10/28/21 08:45	10/29/21 17:11	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.9	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-13 (10-15) **Lab ID: 40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.0	mg/kg	2.8	1.6	1	10/26/21 06:50	10/26/21 14:25	7440-38-2	
Barium	42.6	mg/kg	0.55	0.17	1	10/26/21 06:50	10/26/21 14:25	7440-39-3	
Cadmium	0.19J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:25	7440-43-9	
Chromium	13.0	mg/kg	1.1	0.31	1	10/26/21 06:50	10/26/21 14:25	7440-47-3	
Lead	10.0	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:25	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:25	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:25	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.040	0.011	1	11/02/21 12:22	11/03/21 11:19	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 13:08	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 13:08	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 13:08	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 13:08	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 13:08	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 13:08	205-99-2	
Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:08	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 13:08	207-08-9	
Chrysene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 13:08	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 13:08	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 13:08	123-91-1	
Fluoranthene	<0.027	mg/kg	0.092	0.027	1	11/01/21 13:48	11/02/21 13:08	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 13:08	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 13:08	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 13:08	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 13:08	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 13:08	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 13:08	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 13:08	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%	40-96		1	11/01/21 13:48	11/02/21 13:08	4165-60-0	
2-Fluorobiphenyl (S)	70	%	14-110		1	11/01/21 13:48	11/02/21 13:08	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	11/01/21 13:48	11/02/21 13:08	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	11/01/21 13:48	11/02/21 13:08	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	11/01/21 13:48	11/02/21 13:08	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	11/01/21 13:48	11/02/21 13:08	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 17:30	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-13 (10-15)** Lab ID: **40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 17:30	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 17:30	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/28/21 08:45	10/29/21 17:30	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.066	0.030	1	10/28/21 08:45	10/29/21 17:30	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 17:30	56-23-5	
Chlorobenzene	<0.0079	mg/kg	0.066	0.0079	1	10/28/21 08:45	10/29/21 17:30	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 17:30	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/28/21 08:45	10/29/21 17:30	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/28/21 08:45	10/29/21 17:30	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/28/21 08:45	10/29/21 17:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	106-93-4	
Dibromomethane	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.066	0.029	1	10/28/21 08:45	10/29/21 17:30	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 17:30	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/28/21 08:45	10/29/21 17:30	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/28/21 08:45	10/29/21 17:30	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 17:30	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 17:30	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 17:30	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-13 (10-15)** Lab ID: **40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 17:30	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 17:30	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/28/21 08:45	10/29/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/28/21 08:45	10/29/21 17:30	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 17:30	79-00-5	
Trichloroethene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 17:30	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/28/21 08:45	10/29/21 17:30	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/28/21 08:45	10/29/21 17:30	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 17:30	179601-23-1	
o-Xylene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	95-47-6	
Surrogates									
Toluene-d8 (S)	126	%	67-159		1	10/28/21 08:45	10/29/21 17:30	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/28/21 08:45	10/29/21 17:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/28/21 08:45	10/29/21 17:30	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **14.0** % 0.10 0.10 1 10/26/21 09:35

Sample: **SB-14 (0-5)** Lab ID: **40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.8	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:28	7440-38-2	
Barium	34.6	mg/kg	0.54	0.16	1	10/26/21 06:50	10/26/21 14:28	7440-39-3	
Cadmium	0.24J	mg/kg	0.54	0.14	1	10/26/21 06:50	10/26/21 14:28	7440-43-9	
Chromium	10.5	mg/kg	1.1	0.30	1	10/26/21 06:50	10/26/21 14:28	7440-47-3	
Lead	6.0	mg/kg	2.2	0.65	1	10/26/21 06:50	10/26/21 14:28	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:28	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 06:50	10/26/21 14:28	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.037	0.010	1	11/02/21 12:22	11/03/21 11:21	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:29	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:29	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 13:29	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 13:29	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 13:29	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 13:29	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 13:29	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 13:29	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 13:29	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:29	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 13:29	123-91-1	
Fluoranthene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 13:29	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	11/01/21 13:48	11/02/21 13:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 13:29	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 13:29	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 13:29	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 13:29	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 13:29	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 13:29	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	70	%	40-96		1	11/01/21 13:48	11/02/21 13:29	4165-60-0	
2-Fluorobiphenyl (S)	67	%	14-110		1	11/01/21 13:48	11/02/21 13:29	321-60-8	
Terphenyl-d14 (S)	75	%	10-121		1	11/01/21 13:48	11/02/21 13:29	1718-51-0	
Phenol-d6 (S)	73	%	14-104		1	11/01/21 13:48	11/02/21 13:29	13127-88-3	
2-Fluorophenol (S)	77	%	10-112		1	11/01/21 13:48	11/02/21 13:29	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-128		1	11/01/21 13:48	11/02/21 13:29	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 17:50	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/28/21 08:45	10/29/21 17:50	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/28/21 08:45	10/29/21 17:50	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/28/21 08:45	10/29/21 17:50	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.062	0.028	1	10/28/21 08:45	10/29/21 17:50	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/28/21 08:45	10/29/21 17:50	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/28/21 08:45	10/29/21 17:50	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 17:50	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/28/21 08:45	10/29/21 17:50	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/28/21 08:45	10/29/21 17:50	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 17:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/28/21 08:45	10/29/21 17:50	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/28/21 08:45	10/29/21 17:50	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/28/21 08:45	10/29/21 17:50	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 17:50	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 17:50	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/28/21 08:45	10/29/21 17:50	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/28/21 08:45	10/29/21 17:50	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/28/21 08:45	10/29/21 17:50	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/28/21 08:45	10/29/21 17:50	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/28/21 08:45	10/29/21 17:50	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/28/21 08:45	10/29/21 17:50	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/28/21 08:45	10/29/21 17:50	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/28/21 08:45	10/29/21 17:50	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/28/21 08:45	10/29/21 17:50	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	95-47-6	
Surrogates									
Toluene-d8 (S)	118	%	67-159		1	10/28/21 08:45	10/29/21 17:50	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/28/21 08:45	10/29/21 17:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 17:50	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.4	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.0J	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:30	7440-38-2	
Barium	38.2	mg/kg	0.53	0.16	1	10/26/21 06:50	10/26/21 14:30	7440-39-3	
Cadmium	0.17J	mg/kg	0.53	0.14	1	10/26/21 06:50	10/26/21 14:30	7440-43-9	
Chromium	12.1	mg/kg	1.1	0.29	1	10/26/21 06:50	10/26/21 14:30	7440-47-3	
Lead	4.9	mg/kg	2.1	0.64	1	10/26/21 06:50	10/26/21 14:30	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:30	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 06:50	10/26/21 14:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.036	0.010	1	11/02/21 12:22	11/03/21 11:23	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 14:11	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 14:11	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 14:11	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 14:11	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 14:11	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 14:11	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 14:11	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 14:11	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 14:11	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 14:11	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 14:11	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 14:11	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	11/01/21 13:48	11/02/21 14:11	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 14:11	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 14:11	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 14:11	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 14:11	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 14:11	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 14:11	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	81	%	40-96		1	11/01/21 13:48	11/02/21 14:11	4165-60-0	
2-Fluorobiphenyl (S)	72	%	14-110		1	11/01/21 13:48	11/02/21 14:11	321-60-8	
Terphenyl-d14 (S)	72	%	10-121		1	11/01/21 13:48	11/02/21 14:11	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	11/01/21 13:48	11/02/21 14:11	13127-88-3	
2-Fluorophenol (S)	80	%	10-112		1	11/01/21 13:48	11/02/21 14:11	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-128		1	11/01/21 13:48	11/02/21 14:11	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 18:09	71-43-2	
Bromobenzene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	75-27-4	
Bromoform	<0.28	mg/kg	0.31	0.28	1	10/28/21 08:45	10/29/21 18:09	75-25-2	
Bromomethane	<0.088	mg/kg	0.31	0.088	1	10/28/21 08:45	10/29/21 18:09	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/28/21 08:45	10/29/21 18:09	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.063	0.0075	1	10/28/21 08:45	10/29/21 18:09	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 18:09	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/28/21 08:45	10/29/21 18:09	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.31	0.049	1	10/28/21 08:45	10/29/21 18:09	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 18:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/28/21 08:45	10/29/21 18:09	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/28/21 08:45	10/29/21 18:09	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.063	0.013	1	10/28/21 08:45	10/29/21 18:09	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/28/21 08:45	10/29/21 18:09	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 18:09	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 18:09	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.063	0.018	1	10/28/21 08:45	10/29/21 18:09	1634-04-4	
Naphthalene	<0.020	mg/kg	0.31	0.020	1	10/28/21 08:45	10/29/21 18:09	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	108-88-3	
1,2,3-Trichlorobenzene	<0.070	mg/kg	0.31	0.070	1	10/28/21 08:45	10/29/21 18:09	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.31	0.052	1	10/28/21 08:45	10/29/21 18:09	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-00-5	
Trichloroethene	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/28/21 08:45	10/29/21 18:09	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.063	0.030	1	10/28/21 08:45	10/29/21 18:09	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/28/21 08:45	10/29/21 18:09	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.13	0.026	1	10/28/21 08:45	10/29/21 18:09	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-47-6	
Surrogates									
Toluene-d8 (S)	113	%	67-159		1	10/28/21 08:45	10/29/21 18:09	2037-26-5	
4-Bromofluorobenzene (S)	122	%	66-153		1	10/28/21 08:45	10/29/21 18:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 18:09	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay									
Percent Moisture	11.1	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 06:50	10/26/21 14:33	7440-38-2	
Barium	43.6	mg/kg	0.52	0.16	1	10/26/21 06:50	10/26/21 14:33	7440-39-3	
Cadmium	0.22J	mg/kg	0.52	0.14	1	10/26/21 06:50	10/26/21 14:33	7440-43-9	
Chromium	19.5	mg/kg	1.0	0.29	1	10/26/21 06:50	10/26/21 14:33	7440-47-3	
Lead	6.3	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:33	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:33	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 06:50	10/26/21 14:33	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 12:22	11/03/21 11:25	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Acenaphthene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 11:02	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 11:02	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 11:02	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 11:02	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 11:02	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 11:02	205-99-2	
Benzo(g,h,i)perylene	0.072J	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:02	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 11:02	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 11:02	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:02	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	11/01/21 13:48	11/02/21 11:02	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	11/01/21 13:48	11/02/21 11:02	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	11/01/21 13:48	11/02/21 11:02	86-73-7	
Indeno(1,2,3-cd)pyrene	0.060J	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 11:02	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 11:02	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:02	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 11:02	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	11/01/21 13:48	11/02/21 11:02	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 11:02	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	62	%	40-96		1	11/01/21 13:48	11/02/21 11:02	4165-60-0	
2-Fluorobiphenyl (S)	49	%	14-110		1	11/01/21 13:48	11/02/21 11:02	321-60-8	
Terphenyl-d14 (S)	63	%	10-121		1	11/01/21 13:48	11/02/21 11:02	1718-51-0	
Phenol-d6 (S)	62	%	14-104		1	11/01/21 13:48	11/02/21 11:02	13127-88-3	
2-Fluorophenol (S)	61	%	10-112		1	11/01/21 13:48	11/02/21 11:02	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-128		1	11/01/21 13:48	11/02/21 11:02	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.026	0.015	1	10/28/21 08:45	10/29/21 18:29	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/28/21 08:45	10/29/21 18:29	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/28/21 08:45	10/29/21 18:29	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/28/21 08:45	10/29/21 18:29	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.065	0.0077	1	10/28/21 08:45	10/29/21 18:29	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/28/21 08:45	10/29/21 18:29	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/28/21 08:45	10/29/21 18:29	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/28/21 08:45	10/29/21 18:29	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/28/21 08:45	10/29/21 18:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/28/21 08:45	10/29/21 18:29	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/28/21 08:45	10/29/21 18:29	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/28/21 08:45	10/29/21 18:29	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/28/21 08:45	10/29/21 18:29	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/28/21 08:45	10/29/21 18:29	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/28/21 08:45	10/29/21 18:29	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/28/21 08:45	10/29/21 18:29	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/28/21 08:45	10/29/21 18:29	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/28/21 08:45	10/29/21 18:29	79-00-5	
Trichloroethene	2.5	mg/kg	0.065	0.024	1	10/28/21 08:45	10/29/21 18:29	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/28/21 08:45	10/29/21 18:29	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/28/21 08:45	10/29/21 18:29	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/28/21 08:45	10/29/21 18:29	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/28/21 08:45	10/29/21 18:29	2037-26-5	
4-Bromofluorobenzene (S)	125	%	66-153		1	10/28/21 08:45	10/29/21 18:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/28/21 08:45	10/29/21 18:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.8	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	1.8J	mg/kg	2.9	1.7	1	10/26/21 06:50	10/26/21 14:36	7440-38-2	
Barium	56.3	mg/kg	0.58	0.17	1	10/26/21 06:50	10/26/21 14:36	7440-39-3	
Cadmium	0.31J	mg/kg	0.58	0.15	1	10/26/21 06:50	10/26/21 14:36	7440-43-9	
Chromium	14.5	mg/kg	1.2	0.32	1	10/26/21 06:50	10/26/21 14:36	7440-47-3	
Lead	6.5	mg/kg	2.3	0.69	1	10/26/21 06:50	10/26/21 14:36	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 06:50	10/26/21 14:36	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	10/26/21 06:50	10/26/21 14:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 12:22	11/03/21 11:28	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 14:32	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 14:32	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 14:32	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 14:32	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 14:32	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 14:32	205-99-2	
Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 14:32	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 14:32	207-08-9	
Chrysene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 14:32	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 14:32	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	11/01/21 13:48	11/02/21 14:32	123-91-1	
Fluoranthene	<0.027	mg/kg	0.091	0.027	1	11/01/21 13:48	11/02/21 14:32	206-44-0	
Fluorene	<0.023	mg/kg	0.075	0.023	1	11/01/21 13:48	11/02/21 14:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 14:32	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 14:32	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 14:32	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 14:32	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 14:32	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 14:32	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	11/01/21 13:48	11/02/21 14:32	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	11/01/21 13:48	11/02/21 14:32	321-60-8	
Terphenyl-d14 (S)	80	%	10-121		1	11/01/21 13:48	11/02/21 14:32	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	11/01/21 13:48	11/02/21 14:32	13127-88-3	
2-Fluorophenol (S)	79	%	10-112		1	11/01/21 13:48	11/02/21 14:32	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-128		1	11/01/21 13:48	11/02/21 14:32	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.026	0.016	1	10/28/21 08:45	10/29/21 18:48	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 18:48	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 18:48	75-25-2	
Bromomethane	<0.092	mg/kg	0.33	0.092	1	10/28/21 08:45	10/29/21 18:48	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.066	0.030	1	10/28/21 08:45	10/29/21 18:48	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	56-23-5	
Chlorobenzene	<0.0079	mg/kg	0.066	0.0079	1	10/28/21 08:45	10/29/21 18:48	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 18:48	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/28/21 08:45	10/29/21 18:48	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/28/21 08:45	10/29/21 18:48	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.33	0.22	1	10/28/21 08:45	10/29/21 18:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	106-93-4	
Dibromomethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.066	0.028	1	10/28/21 08:45	10/29/21 18:48	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 18:48	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/28/21 08:45	10/29/21 18:48	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.33	0.043	1	10/28/21 08:45	10/29/21 18:48	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 18:48	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 18:48	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 18:48	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 18:48	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 18:48	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	108-88-3	
1,2,3-Trichlorobenzene	<0.073	mg/kg	0.33	0.073	1	10/28/21 08:45	10/29/21 18:48	87-61-6	
1,2,4-Trichlorobenzene	<0.054	mg/kg	0.33	0.054	1	10/28/21 08:45	10/29/21 18:48	120-82-1	
1,1,1-Trichloroethane	0.065J	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 18:48	79-00-5	
Trichloroethene	1.6	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/28/21 08:45	10/29/21 18:48	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/28/21 08:45	10/29/21 18:48	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 18:48	179601-23-1	
o-Xylene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/28/21 08:45	10/29/21 18:48	2037-26-5	
4-Bromofluorobenzene (S)	123	%	66-153		1	10/28/21 08:45	10/29/21 18:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	10/28/21 08:45	10/29/21 18:48	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	13.6	%	0.10	0.10	1		10/26/21 09:35		
------------------	------	---	------	------	---	--	----------------	--	--

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.5	mg/kg	2.6	1.5	1	10/26/21 06:50	10/26/21 14:45	7440-38-2	
Barium	13.1	mg/kg	0.52	0.16	1	10/26/21 06:50	10/26/21 14:45	7440-39-3	
Cadmium	<0.14	mg/kg	0.52	0.14	1	10/26/21 06:50	10/26/21 14:45	7440-43-9	
Chromium	6.4	mg/kg	1.0	0.29	1	10/26/21 06:50	10/26/21 14:45	7440-47-3	
Lead	5.6	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:45	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:45	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 06:50	10/26/21 14:45	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.0099	mg/kg	0.035	0.0099	1	11/02/21 12:22	11/03/21 11:30	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.063	mg/kg	0.21	0.063	1	11/01/21 13:48	11/02/21 15:35	83-32-9	
Acenaphthylene	<0.064	mg/kg	0.21	0.064	1	11/01/21 13:48	11/02/21 15:35	208-96-8	
Anthracene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 15:35	120-12-7	
Benzo(a)anthracene	<0.028	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 15:35	56-55-3	
Benzo(a)pyrene	0.078J	mg/kg	0.090	0.027	1	11/01/21 13:48	11/02/21 15:35	50-32-8	
Benzo(b)fluoranthene	0.051J	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 15:35	205-99-2	
Benzo(g,h,i)perylene	0.087J	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 15:35	191-24-2	
Benzo(k)fluoranthene	0.050J	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 15:35	207-08-9	
Chrysene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 15:35	218-01-9	
Dibenz(a,h)anthracene	0.081J	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 15:35	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.097	mg/kg	0.32	0.097	1	11/01/21 13:48	11/02/21 15:35	123-91-1	
Fluoranthene	<0.025	mg/kg	0.084	0.025	1	11/01/21 13:48	11/02/21 15:35	206-44-0	
Fluorene	<0.021	mg/kg	0.070	0.021	1	11/01/21 13:48	11/02/21 15:35	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12J	mg/kg	0.13	0.039	1	11/01/21 13:48	11/02/21 15:35	193-39-5	
1-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 15:35	90-12-0	
2-Methylnaphthalene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 15:35	91-57-6	
Naphthalene	<0.062	mg/kg	0.21	0.062	1	11/01/21 13:48	11/02/21 15:35	91-20-3	
Phenanthrene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 15:35	85-01-8	
Pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 15:35	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	84	%	40-96		1	11/01/21 13:48	11/02/21 15:35	4165-60-0	
2-Fluorobiphenyl (S)	81	%	14-110		1	11/01/21 13:48	11/02/21 15:35	321-60-8	
Terphenyl-d14 (S)	93	%	10-121		1	11/01/21 13:48	11/02/21 15:35	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	11/01/21 13:48	11/02/21 15:35	13127-88-3	
2-Fluorophenol (S)	80	%	10-112		1	11/01/21 13:48	11/02/21 15:35	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	11/01/21 13:48	11/02/21 15:35	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.014	mg/kg	0.023	0.014	1	10/28/21 08:45	10/29/21 19:08	71-43-2	
Bromobenzene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	108-86-1	
Bromochloromethane	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	75-27-4	
Bromoform	<0.25	mg/kg	0.28	0.25	1	10/28/21 08:45	10/29/21 19:08	75-25-2	
Bromomethane	<0.080	mg/kg	0.28	0.080	1	10/28/21 08:45	10/29/21 19:08	74-83-9	
n-Butylbenzene	<0.026	mg/kg	0.057	0.026	1	10/28/21 08:45	10/29/21 19:08	104-51-8	
sec-Butylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	135-98-8	
tert-Butylbenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.057	0.013	1	10/28/21 08:45	10/29/21 19:08	56-23-5	
Chlorobenzene	<0.0068	mg/kg	0.057	0.0068	1	10/28/21 08:45	10/29/21 19:08	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (12-15) Lab ID: 40235717031 Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.024	mg/kg	0.28	0.024	1	10/28/21 08:45	10/29/21 19:08	75-00-3	
Chloroform	<0.041	mg/kg	0.28	0.041	1	10/28/21 08:45	10/29/21 19:08	67-66-3	
Chloromethane	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	74-87-3	
2-Chlorotoluene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	95-49-8	
4-Chlorotoluene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	<0.044	mg/kg	0.28	0.044	1	10/28/21 08:45	10/29/21 19:08	96-12-8	
Dibromochloromethane	<0.19	mg/kg	0.28	0.19	1	10/28/21 08:45	10/29/21 19:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	106-93-4	
Dibromomethane	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	74-95-3	
1,2-Dichlorobenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	95-50-1	
1,3-Dichlorobenzene	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	541-73-1	
1,4-Dichlorobenzene	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	106-46-7	
Dichlorodifluoromethane	<0.024	mg/kg	0.057	0.024	1	10/28/21 08:45	10/29/21 19:08	75-71-8	
1,1-Dichloroethane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	75-34-3	
1,2-Dichloroethane	<0.013	mg/kg	0.057	0.013	1	10/28/21 08:45	10/29/21 19:08	107-06-2	
1,1-Dichloroethene	<0.019	mg/kg	0.057	0.019	1	10/28/21 08:45	10/29/21 19:08	75-35-4	
cis-1,2-Dichloroethene	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	156-59-2	
trans-1,2-Dichloroethene	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	78-87-5	
1,3-Dichloropropane	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	142-28-9	
2,2-Dichloropropane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	594-20-7	
1,1-Dichloropropene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	563-58-6	
cis-1,3-Dichloropropene	<0.038	mg/kg	0.28	0.038	1	10/28/21 08:45	10/29/21 19:08	10061-01-5	
trans-1,3-Dichloropropene	<0.16	mg/kg	0.28	0.16	1	10/28/21 08:45	10/29/21 19:08	10061-02-6	
Diisopropyl ether	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	108-20-3	
Ethylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	100-41-4	
Hexachloro-1,3-butadiene	<0.11	mg/kg	0.28	0.11	1	10/28/21 08:45	10/29/21 19:08	87-68-3	
Isopropylbenzene (Cumene)	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	98-82-8	
p-Isopropyltoluene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	99-87-6	
Methylene Chloride	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	75-09-2	
Methyl-tert-butyl ether	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	1634-04-4	
Naphthalene	<0.018	mg/kg	0.28	0.018	1	10/28/21 08:45	10/29/21 19:08	91-20-3	
n-Propylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	103-65-1	
Styrene	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	<0.021	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-34-5	
Tetrachloroethene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	127-18-4	
Toluene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	108-88-3	
1,2,3-Trichlorobenzene	<0.063	mg/kg	0.28	0.063	1	10/28/21 08:45	10/29/21 19:08	87-61-6	
1,2,4-Trichlorobenzene	<0.047	mg/kg	0.28	0.047	1	10/28/21 08:45	10/29/21 19:08	120-82-1	
1,1,1-Trichloroethane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	71-55-6	
1,1,2-Trichloroethane	<0.021	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-00-5	
Trichloroethene	0.23	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-01-6	
Trichlorofluoromethane	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.028	mg/kg	0.057	0.028	1	10/28/21 08:45	10/29/21 19:08	96-18-4	
1,2,4-Trimethylbenzene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	95-63-6	
1,3,5-Trimethylbenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	108-67-8	
Vinyl chloride	<0.011	mg/kg	0.057	0.011	1	10/28/21 08:45	10/29/21 19:08	75-01-4	
m&p-Xylene	<0.024	mg/kg	0.11	0.024	1	10/28/21 08:45	10/29/21 19:08	179601-23-1	
o-Xylene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	95-47-6	
Surrogates									
Toluene-d8 (S)	110	%	67-159		1	10/28/21 08:45	10/29/21 19:08	2037-26-5	
4-Bromofluorobenzene (S)	115	%	66-153		1	10/28/21 08:45	10/29/21 19:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	10/28/21 08:45	10/29/21 19:08	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	6.5	%	0.10	0.10	1		10/26/21 09:36		

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.1J	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:48	7440-38-2	
Barium	11.4	mg/kg	0.55	0.16	1	10/26/21 06:50	10/26/21 14:48	7440-39-3	
Cadmium	0.24J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:48	7440-43-9	
Chromium	5.9	mg/kg	1.1	0.30	1	10/26/21 06:50	10/26/21 14:48	7440-47-3	
Lead	4.0	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:48	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:48	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:32	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 13:50	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 13:50	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 13:50	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	11/01/21 13:48	11/02/21 13:50	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/02/21 13:50	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 13:50	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 13:50	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 13:50	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 13:50	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 13:50	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 13:50	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	11/01/21 13:48	11/02/21 13:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 13:50	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 13:50	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 13:50	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:50	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	11/01/21 13:48	11/02/21 13:50	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 13:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	90	%	40-96		1	11/01/21 13:48	11/02/21 13:50	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	11/01/21 13:48	11/02/21 13:50	321-60-8	
Terphenyl-d14 (S)	95	%	10-121		1	11/01/21 13:48	11/02/21 13:50	1718-51-0	
Phenol-d6 (S)	85	%	14-104		1	11/01/21 13:48	11/02/21 13:50	13127-88-3	
2-Fluorophenol (S)	89	%	10-112		1	11/01/21 13:48	11/02/21 13:50	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-128		1	11/01/21 13:48	11/02/21 13:50	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/29/21 09:30	11/01/21 13:28	71-43-2	
Bromobenzene	<0.025	mg/kg	0.063	0.025	1	10/29/21 09:30	11/01/21 13:28	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/29/21 09:30	11/01/21 13:28	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/29/21 09:30	11/01/21 13:28	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/29/21 09:30	11/01/21 13:28	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.063	0.0076	1	10/29/21 09:30	11/01/21 13:28	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/29/21 09:30	11/01/21 13:28	75-00-3	
Chloroform	<0.045	mg/kg	0.32	0.045	1	10/29/21 09:30	11/01/21 13:28	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/29/21 09:30	11/01/21 13:28	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/29/21 09:30	11/01/21 13:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/29/21 09:30	11/01/21 13:28	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/29/21 09:30	11/01/21 13:28	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/29/21 09:30	11/01/21 13:28	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/29/21 09:30	11/01/21 13:28	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.063	0.018	1	10/29/21 09:30	11/01/21 13:28	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/29/21 09:30	11/01/21 13:28	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/29/21 09:30	11/01/21 13:28	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.063	0.025	1	10/29/21 09:30	11/01/21 13:28	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/29/21 09:30	11/01/21 13:28	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/29/21 09:30	11/01/21 13:28	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/29/21 09:30	11/01/21 13:28	79-00-5	
Trichloroethene	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/29/21 09:30	11/01/21 13:28	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/29/21 09:30	11/01/21 13:28	96-18-4	
1,2,4-Trimethylbenzene	0.027J	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/29/21 09:30	11/01/21 13:28	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/29/21 09:30	11/01/21 13:28	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/29/21 09:30	11/01/21 13:28	2037-26-5	
4-Bromofluorobenzene (S)	90	%	66-153		1	10/29/21 09:30	11/01/21 13:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	10/29/21 09:30	11/01/21 13:28	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		10/26/21 09:36		

Sample: TRIP BLANK **Lab ID: 40235717033** Collected: 10/21/21 00:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.012	mg/kg	0.020	0.012	1	10/29/21 09:30	11/01/21 12:48	71-43-2	
Bromobenzene	<0.020	mg/kg	0.050	0.020	1	10/29/21 09:30	11/01/21 12:48	108-86-1	
Bromochloromethane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	74-97-5	
Bromodichloromethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	75-27-4	
Bromoform	<0.22	mg/kg	0.25	0.22	1	10/29/21 09:30	11/01/21 12:48	75-25-2	
Bromomethane	<0.070	mg/kg	0.25	0.070	1	10/29/21 09:30	11/01/21 12:48	74-83-9	
n-Butylbenzene	<0.023	mg/kg	0.050	0.023	1	10/29/21 09:30	11/01/21 12:48	104-51-8	
sec-Butylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	135-98-8	
tert-Butylbenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	98-06-6	
Carbon tetrachloride	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	56-23-5	
Chlorobenzene	<0.0060	mg/kg	0.050	0.0060	1	10/29/21 09:30	11/01/21 12:48	108-90-7	
Chloroethane	<0.021	mg/kg	0.25	0.021	1	10/29/21 09:30	11/01/21 12:48	75-00-3	
Chloroform	<0.036	mg/kg	0.25	0.036	1	10/29/21 09:30	11/01/21 12:48	67-66-3	
Chloromethane	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	74-87-3	
2-Chlorotoluene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	95-49-8	
4-Chlorotoluene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.039	mg/kg	0.25	0.039	1	10/29/21 09:30	11/01/21 12:48	96-12-8	
Dibromochloromethane	<0.17	mg/kg	0.25	0.17	1	10/29/21 09:30	11/01/21 12:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	106-93-4	
Dibromomethane	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	74-95-3	
1,2-Dichlorobenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	95-50-1	
1,3-Dichlorobenzene	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	541-73-1	
1,4-Dichlorobenzene	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	106-46-7	
Dichlorodifluoromethane	<0.022	mg/kg	0.050	0.022	1	10/29/21 09:30	11/01/21 12:48	75-71-8	
1,1-Dichloroethane	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	75-34-3	
1,2-Dichloroethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	107-06-2	
1,1-Dichloroethene	<0.017	mg/kg	0.050	0.017	1	10/29/21 09:30	11/01/21 12:48	75-35-4	
cis-1,2-Dichloroethene	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	156-59-2	
trans-1,2-Dichloroethene	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	156-60-5	
1,2-Dichloropropane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	78-87-5	
1,3-Dichloropropane	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	142-28-9	
2,2-Dichloropropane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	594-20-7	
1,1-Dichloropropene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	563-58-6	
cis-1,3-Dichloropropene	<0.033	mg/kg	0.25	0.033	1	10/29/21 09:30	11/01/21 12:48	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: TRIP BLANK **Lab ID: 40235717033** Collected: 10/21/21 00:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.14	mg/kg	0.25	0.14	1	10/29/21 09:30	11/01/21 12:48	10061-02-6	
Diisopropyl ether	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	108-20-3	
Ethylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	<0.099	mg/kg	0.25	0.099	1	10/29/21 09:30	11/01/21 12:48	87-68-3	
Isopropylbenzene (Cumene)	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	98-82-8	
p-Isopropyltoluene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	99-87-6	
Methylene Chloride	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	75-09-2	
Methyl-tert-butyl ether	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	1634-04-4	
Naphthalene	<0.016	mg/kg	0.25	0.016	1	10/29/21 09:30	11/01/21 12:48	91-20-3	
n-Propylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	103-65-1	
Styrene	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.018	mg/kg	0.050	0.018	1	10/29/21 09:30	11/01/21 12:48	79-34-5	
Tetrachloroethene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	127-18-4	
Toluene	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	<0.056	mg/kg	0.25	0.056	1	10/29/21 09:30	11/01/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	<0.041	mg/kg	0.25	0.041	1	10/29/21 09:30	11/01/21 12:48	120-82-1	
1,1,1-Trichloroethane	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	71-55-6	
1,1,2-Trichloroethane	<0.018	mg/kg	0.050	0.018	1	10/29/21 09:30	11/01/21 12:48	79-00-5	
Trichloroethene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	79-01-6	
Trichlorofluoromethane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	75-69-4	
1,2,3-Trichloropropane	<0.024	mg/kg	0.050	0.024	1	10/29/21 09:30	11/01/21 12:48	96-18-4	
1,2,4-Trimethylbenzene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	95-63-6	
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	108-67-8	
Vinyl chloride	<0.010	mg/kg	0.050	0.010	1	10/29/21 09:30	11/01/21 12:48	75-01-4	
m&p-Xylene	<0.021	mg/kg	0.10	0.021	1	10/29/21 09:30	11/01/21 12:48	179601-23-1	
o-Xylene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	67-159		1	10/29/21 09:30	11/01/21 12:48	2037-26-5	
4-Bromofluorobenzene (S)	75	%	66-153		1	10/29/21 09:30	11/01/21 12:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	88	%	82-158		1	10/29/21 09:30	11/01/21 12:48	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400189	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007

METHOD BLANK: 2311467 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.0060	0.021	11/02/21 10:00	

LABORATORY CONTROL SAMPLE: 2311468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.51	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311469 2311470

Parameter	Units	40235702001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.039	0.9	0.9	0.94	0.94	100	99	85-115	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400190	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2311471 Matrix: Solid

Associated Lab Samples: 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	11/03/21 09:48	

LABORATORY CONTROL SAMPLE: 2311472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311473 2311474

Parameter	Units	40235479004 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Mercury	mg/kg	0.089	1.5	1.5	1.6	1.6	98	99	85-115	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	400193	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2311479 Matrix: Solid
Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	11/03/21 10:53	

LABORATORY CONTROL SAMPLE: 2311480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311481 2311482

Parameter	Units	40235717021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.035J	1	1	1.1	1.1	102	105	85-115	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399616	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2307421 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	10/26/21 18:12	
Barium	mg/kg	<0.15	0.50	10/26/21 18:12	
Cadmium	mg/kg	<0.13	0.50	10/26/21 18:12	
Chromium	mg/kg	<0.28	1.0	10/26/21 18:12	
Lead	mg/kg	<0.60	2.0	10/26/21 18:12	
Selenium	mg/kg	<1.3	4.0	10/26/21 18:12	
Silver	mg/kg	<0.31	1.0	10/26/21 18:12	

LABORATORY CONTROL SAMPLE: 2307422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.9	96	80-120	
Barium	mg/kg	25	25.6	102	80-120	
Cadmium	mg/kg	25	25.1	100	80-120	
Chromium	mg/kg	25	23.3	93	80-120	
Lead	mg/kg	25	24.5	98	80-120	
Selenium	mg/kg	25	24.0	96	80-120	
Silver	mg/kg	12.5	11.9	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307423 2307424

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717001 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	2.7J	28.7	28.7	28.7	31.1	31.7	99	101	75-125	2	20	
Barium	mg/kg	44.9	28.7	28.7	28.7	87.1	89.3	147	155	75-125	2	20 M0	
Cadmium	mg/kg	<0.15	28.7	28.7	28.7	28.9	29.0	100	101	75-125	0	20	
Chromium	mg/kg	13.9	28.7	28.7	28.7	41.2	43.1	95	102	75-125	4	20	
Lead	mg/kg	5.3	28.7	28.7	28.7	32.0	32.2	93	94	75-125	1	20	
Selenium	mg/kg	<1.5	28.7	28.7	28.7	27.1	27.4	95	96	75-125	1	20	
Silver	mg/kg	<0.35	14.3	14.3	14.3	14.0	14.1	98	98	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399617	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2307425 Matrix: Solid
Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	10/26/21 13:54	
Barium	mg/kg	<0.15	0.50	10/26/21 13:54	
Cadmium	mg/kg	<0.13	0.50	10/26/21 13:54	
Chromium	mg/kg	<0.28	1.0	10/26/21 13:54	
Lead	mg/kg	<0.60	2.0	10/26/21 13:54	
Selenium	mg/kg	<1.3	4.0	10/26/21 13:54	
Silver	mg/kg	<0.31	1.0	10/26/21 13:54	

LABORATORY CONTROL SAMPLE: 2307426

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.6	98	80-120	
Barium	mg/kg	25	25.2	101	80-120	
Cadmium	mg/kg	25	25.4	102	80-120	
Chromium	mg/kg	25	25.0	100	80-120	
Lead	mg/kg	25	25.8	103	80-120	
Selenium	mg/kg	25	25.5	102	80-120	
Silver	mg/kg	12.5	12.3	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307427 2307428

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717021 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	4.3	30	29.9	35.0	30.4	102	87	75-125	14	20		
Barium	mg/kg	102	30	29.9	159	163	189	203	75-125	3	20	M0	
Cadmium	mg/kg	0.35J	30	29.9	29.1	28.9	96	95	75-125	1	20		
Chromium	mg/kg	24.2	30	29.9	60.8	55.3	122	104	75-125	9	20		
Lead	mg/kg	13.1	30	29.9	40.1	39.4	90	88	75-125	2	20		
Selenium	mg/kg	<1.6	30	29.9	28.8	28.1	96	93	75-125	3	20		
Silver	mg/kg	<0.37	15	15	14.2	14.1	94	94	75-125	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch: 399668 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Full List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2307672 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	10/27/21 17:38	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	10/27/21 17:38	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	10/27/21 17:38	
1,1-Dichloroethane	mg/kg	<0.013	0.050	10/27/21 17:38	
1,1-Dichloroethene	mg/kg	<0.017	0.050	10/27/21 17:38	
1,1-Dichloropropene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	10/27/21 17:38	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	10/27/21 17:38	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	10/27/21 17:38	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	10/27/21 17:38	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	10/27/21 17:38	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	10/27/21 17:38	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,2-Dichloroethane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,2-Dichloropropane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	10/27/21 17:38	
1,3-Dichloropropane	mg/kg	<0.011	0.050	10/27/21 17:38	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	10/27/21 17:38	
2,2-Dichloropropane	mg/kg	<0.014	0.050	10/27/21 17:38	
2-Chlorotoluene	mg/kg	<0.016	0.050	10/27/21 17:38	
4-Chlorotoluene	mg/kg	<0.019	0.050	10/27/21 17:38	
Benzene	mg/kg	<0.012	0.020	10/27/21 17:38	
Bromobenzene	mg/kg	<0.020	0.050	10/27/21 17:38	
Bromochloromethane	mg/kg	<0.014	0.050	10/27/21 17:38	
Bromodichloromethane	mg/kg	<0.012	0.050	10/27/21 17:38	
Bromoform	mg/kg	<0.22	0.25	10/27/21 17:38	
Bromomethane	mg/kg	<0.070	0.25	10/27/21 17:38	
Carbon tetrachloride	mg/kg	<0.011	0.050	10/27/21 17:38	
Chlorobenzene	mg/kg	<0.0060	0.050	10/27/21 17:38	
Chloroethane	mg/kg	<0.021	0.25	10/27/21 17:38	
Chloroform	mg/kg	<0.036	0.25	10/27/21 17:38	
Chloromethane	mg/kg	<0.019	0.050	10/27/21 17:38	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/27/21 17:38	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	10/27/21 17:38	
Dibromochloromethane	mg/kg	<0.17	0.25	10/27/21 17:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2307672

Matrix: Solid

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	mg/kg	<0.015	0.050	10/27/21 17:38	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	10/27/21 17:38	
Diisopropyl ether	mg/kg	<0.012	0.050	10/27/21 17:38	
Ethylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	10/27/21 17:38	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	10/27/21 17:38	
m&p-Xylene	mg/kg	<0.021	0.10	10/27/21 17:38	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	10/27/21 17:38	
Methylene Chloride	mg/kg	<0.014	0.050	10/27/21 17:38	
n-Butylbenzene	mg/kg	<0.023	0.050	10/27/21 17:38	
n-Propylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Naphthalene	mg/kg	<0.016	0.25	10/27/21 17:38	
o-Xylene	mg/kg	<0.015	0.050	10/27/21 17:38	
p-Isopropyltoluene	mg/kg	<0.015	0.050	10/27/21 17:38	
sec-Butylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Styrene	mg/kg	<0.013	0.050	10/27/21 17:38	
tert-Butylbenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
Tetrachloroethene	mg/kg	<0.019	0.050	10/27/21 17:38	
Toluene	mg/kg	<0.013	0.050	10/27/21 17:38	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/27/21 17:38	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	10/27/21 17:38	
Trichloroethene	mg/kg	<0.019	0.050	10/27/21 17:38	
Trichlorofluoromethane	mg/kg	<0.014	0.050	10/27/21 17:38	
Vinyl chloride	mg/kg	<0.010	0.050	10/27/21 17:38	
1,2-Dichlorobenzene-d4 (S)	%	107	82-158	10/27/21 17:38	
4-Bromofluorobenzene (S)	%	112	66-153	10/27/21 17:38	
Toluene-d8 (S)	%	107	67-159	10/27/21 17:38	

LABORATORY CONTROL SAMPLE: 2307673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.8	113	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	2.5	2.6	102	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.6	103	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.6	105	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.7	107	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.2	87	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.5	101	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.5	100	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.4	97	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.8	111	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.5	101	72-118	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2307673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	mg/kg	2.5	2.5	99	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.4	96	70-130	
Benzene	mg/kg	2.5	2.6	105	70-130	
Bromodichloromethane	mg/kg	2.5	2.7	107	70-130	
Bromoform	mg/kg	2.5	2.1	85	66-130	
Bromomethane	mg/kg	2.5	2.8	111	13-153	
Carbon tetrachloride	mg/kg	2.5	2.7	110	73-134	
Chlorobenzene	mg/kg	2.5	2.6	104	70-130	
Chloroethane	mg/kg	2.5	2.5	101	19-170	
Chloroform	mg/kg	2.5	2.8	112	79-120	
Chloromethane	mg/kg	2.5	2.0	81	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.5	101	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	101	68-130	
Dibromochloromethane	mg/kg	2.5	2.4	98	70-130	
Dichlorodifluoromethane	mg/kg	2.5	2.0	80	15-135	
Ethylbenzene	mg/kg	2.5	2.7	106	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.7	106	70-130	
m&p-Xylene	mg/kg	5	5.0	100	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.3	93	65-130	
Methylene Chloride	mg/kg	2.5	2.7	108	70-130	
o-Xylene	mg/kg	2.5	2.5	101	70-130	
Styrene	mg/kg	2.5	2.6	104	70-130	
Tetrachloroethene	mg/kg	2.5	2.5	102	70-130	
Toluene	mg/kg	2.5	2.4	98	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.7	107	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.4	94	70-130	
Trichloroethene	mg/kg	2.5	2.8	111	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.4	95	49-153	
Vinyl chloride	mg/kg	2.5	2.5	100	58-121	
1,2-Dichlorobenzene-d4 (S)	%			101	82-158	
4-Bromofluorobenzene (S)	%			115	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307674 2307675

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717003 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	mg/kg	<0.019	1.5	1.5	1.3	1.2	93	84	70-130	10	20		
1,1,2,2-Tetrachloroethane	mg/kg	<0.026	1.5	1.5	1.3	1.2	92	84	65-129	9	20		
1,1,2-Trichloroethane	mg/kg	<0.026	1.5	1.5	1.4	1.2	95	86	70-130	9	20		
1,1-Dichloroethane	mg/kg	<0.019	1.5	1.5	1.3	1.2	93	83	70-130	12	20		
1,1-Dichloroethene	mg/kg	<0.024	1.5	1.5	1.3	1.2	88	80	64-120	10	20		
1,2,4-Trichlorobenzene	mg/kg	<0.060	1.5	1.5	1.3	1.2	91	82	64-130	10	20		
1,2-Dibromo-3-chloropropane	mg/kg	<0.056	1.5	1.5	1.2	1.2	86	82	57-130	5	21		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Parameter	Units	2307674		2307675		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40235717003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromoethane (EDB)	mg/kg	<0.020	1.5	1.5	1.3	1.2	91	84	70-130	7	20		
1,2-Dichlorobenzene	mg/kg	<0.022	1.5	1.5	1.3	1.3	91	87	70-130	4	20		
1,2-Dichloroethane	mg/kg	<0.017	1.5	1.5	1.5	1.3	103	92	70-130	11	20		
1,2-Dichloropropane	mg/kg	<0.017	1.5	1.5	1.3	1.2	91	82	72-122	10	20		
1,3-Dichlorobenzene	mg/kg	<0.020	1.5	1.5	1.3	1.2	90	83	70-130	7	20		
1,4-Dichlorobenzene	mg/kg	<0.020	1.5	1.5	1.3	1.2	90	85	70-130	6	20		
Benzene	mg/kg	<0.017	1.5	1.5	1.3	1.2	92	82	70-130	11	20		
Bromodichloromethane	mg/kg	<0.017	1.5	1.5	1.3	1.2	93	83	70-130	11	20		
Bromoform	mg/kg	<0.32	1.5	1.5	1.3	1.2	88	84	66-130	5	20		
Bromomethane	mg/kg	<0.10	1.5	1.5	1.3	1.2	90	83	13-153	8	20		
Carbon tetrachloride	mg/kg	<0.016	1.5	1.5	1.3	1.2	93	81	67-134	13	20		
Chlorobenzene	mg/kg	<0.0087	1.5	1.5	1.4	1.3	96	87	70-130	10	20		
Chloroethane	mg/kg	<0.031	1.5	1.5	1.4	1.2	93	81	11-195	14	20		
Chloroform	mg/kg	<0.052	1.5	1.5	1.5	1.3	100	90	79-120	10	20		
Chloromethane	mg/kg	<0.028	1.5	1.5	0.90	0.85	62	58	30-136	6	20		
cis-1,2-Dichloroethene	mg/kg	<0.016	1.5	1.5	1.3	1.1	91	78	70-130	16	20		
cis-1,3-Dichloropropene	mg/kg	<0.048	1.5	1.5	1.2	1.1	85	77	68-130	10	20		
Dibromochloromethane	mg/kg	<0.25	1.5	1.5	1.2	1.1	83	75	70-130	10	20		
Dichlorodifluoromethane	mg/kg	<0.031	1.5	1.5	0.76	0.67	52	46	10-158	12	25		
Ethylbenzene	mg/kg	<0.017	1.5	1.5	1.3	1.2	89	82	78-120	8	20		
Isopropylbenzene (Cumene)	mg/kg	<0.020	1.5	1.5	1.2	1.2	86	81	70-130	7	20		
m&p-Xylene	mg/kg	<0.031	2.9	2.9	2.5	2.4	87	81	70-130	6	20		
Methyl-tert-butyl ether	mg/kg	<0.021	1.5	1.5	1.2	1.1	83	75	65-130	10	20		
Methylene Chloride	mg/kg	<0.020	1.5	1.5	1.4	1.2	98	85	70-130	14	20		
o-Xylene	mg/kg	<0.022	1.5	1.5	1.3	1.2	88	82	70-130	7	20		
Styrene	mg/kg	<0.019	1.5	1.5	1.3	1.2	87	81	70-130	7	20		
Tetrachloroethene	mg/kg	<0.028	1.5	1.5	1.4	1.2	95	85	70-130	11	20		
Toluene	mg/kg	<0.018	1.5	1.5	1.3	1.2	91	82	76-120	10	20		
trans-1,2-Dichloroethene	mg/kg	<0.016	1.5	1.5	1.3	1.2	93	81	70-130	13	20		
trans-1,3-Dichloropropene	mg/kg	<0.21	1.5	1.5	1.1	1.1	77	74	70-130	4	20		
Trichloroethene	mg/kg	<0.027	1.5	1.5	1.4	1.3	97	90	70-130	8	20		
Trichlorofluoromethane	mg/kg	<0.021	1.5	1.5	1.1	0.99	76	68	42-159	11	21		
Vinyl chloride	mg/kg	<0.015	1.5	1.5	1.2	0.98	80	68	43-137	16	20		
1,2-Dichlorobenzene-d4 (S)	%						127	132	82-158				
4-Bromofluorobenzene (S)	%						143	147	66-153				
Toluene-d8 (S)	%						134	139	67-159				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	400003	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Full List
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

METHOD BLANK: 2309691 Matrix: Solid
Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	10/29/21 11:20	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	10/29/21 11:20	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	10/29/21 11:20	
1,1-Dichloroethane	mg/kg	<0.013	0.050	10/29/21 11:20	
1,1-Dichloroethene	mg/kg	<0.017	0.050	10/29/21 11:20	
1,1-Dichloropropene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	10/29/21 11:20	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	10/29/21 11:20	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	10/29/21 11:20	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	10/29/21 11:20	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	10/29/21 11:20	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	10/29/21 11:20	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,2-Dichloroethane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,2-Dichloropropane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	10/29/21 11:20	
1,3-Dichloropropane	mg/kg	<0.011	0.050	10/29/21 11:20	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	10/29/21 11:20	
2,2-Dichloropropane	mg/kg	<0.014	0.050	10/29/21 11:20	
2-Chlorotoluene	mg/kg	<0.016	0.050	10/29/21 11:20	
4-Chlorotoluene	mg/kg	<0.019	0.050	10/29/21 11:20	
Benzene	mg/kg	<0.012	0.020	10/29/21 11:20	
Bromobenzene	mg/kg	<0.020	0.050	10/29/21 11:20	
Bromochloromethane	mg/kg	<0.014	0.050	10/29/21 11:20	
Bromodichloromethane	mg/kg	<0.012	0.050	10/29/21 11:20	
Bromoform	mg/kg	<0.22	0.25	10/29/21 11:20	
Bromomethane	mg/kg	<0.070	0.25	10/29/21 11:20	
Carbon tetrachloride	mg/kg	<0.011	0.050	10/29/21 11:20	
Chlorobenzene	mg/kg	<0.0060	0.050	10/29/21 11:20	
Chloroethane	mg/kg	<0.021	0.25	10/29/21 11:20	
Chloroform	mg/kg	<0.036	0.25	10/29/21 11:20	
Chloromethane	mg/kg	<0.019	0.050	10/29/21 11:20	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/29/21 11:20	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	10/29/21 11:20	
Dibromochloromethane	mg/kg	<0.17	0.25	10/29/21 11:20	
Dibromomethane	mg/kg	<0.015	0.050	10/29/21 11:20	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	10/29/21 11:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2309691

Matrix: Solid

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	mg/kg	<0.012	0.050	10/29/21 11:20	
Ethylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	10/29/21 11:20	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	10/29/21 11:20	
m&p-Xylene	mg/kg	<0.021	0.10	10/29/21 11:20	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	10/29/21 11:20	
Methylene Chloride	mg/kg	<0.014	0.050	10/29/21 11:20	
n-Butylbenzene	mg/kg	<0.023	0.050	10/29/21 11:20	
n-Propylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Naphthalene	mg/kg	<0.016	0.25	10/29/21 11:20	
o-Xylene	mg/kg	<0.015	0.050	10/29/21 11:20	
p-Isopropyltoluene	mg/kg	<0.015	0.050	10/29/21 11:20	
sec-Butylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Styrene	mg/kg	<0.013	0.050	10/29/21 11:20	
tert-Butylbenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
Tetrachloroethene	mg/kg	<0.019	0.050	10/29/21 11:20	
Toluene	mg/kg	<0.013	0.050	10/29/21 11:20	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/29/21 11:20	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	10/29/21 11:20	
Trichloroethene	mg/kg	<0.019	0.050	10/29/21 11:20	
Trichlorofluoromethane	mg/kg	<0.014	0.050	10/29/21 11:20	
Vinyl chloride	mg/kg	<0.010	0.050	10/29/21 11:20	
1,2-Dichlorobenzene-d4 (S)	%	108	82-158	10/29/21 11:20	
4-Bromofluorobenzene (S)	%	112	66-153	10/29/21 11:20	
Toluene-d8 (S)	%	108	67-159	10/29/21 11:20	

LABORATORY CONTROL SAMPLE: 2309692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.7	106	70-130	
1,1,1,2-Tetrachloroethane	mg/kg	2.5	2.5	99	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.4	98	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.6	102	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.7	106	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.2	88	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.2	88	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.4	96	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.4	97	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.8	111	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.5	101	72-118	
1,3-Dichlorobenzene	mg/kg	2.5	2.4	98	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.4	96	70-130	
Benzene	mg/kg	2.5	2.5	102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2309692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	mg/kg	2.5	2.7	107	70-130	
Bromoform	mg/kg	2.5	2.0	79	66-130	
Bromomethane	mg/kg	2.5	2.5	101	13-153	
Carbon tetrachloride	mg/kg	2.5	2.7	109	73-134	
Chlorobenzene	mg/kg	2.5	2.5	101	70-130	
Chloroethane	mg/kg	2.5	2.4	97	19-170	
Chloroform	mg/kg	2.5	2.7	108	79-120	
Chloromethane	mg/kg	2.5	1.9	75	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.5	99	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	98	68-130	
Dibromochloromethane	mg/kg	2.5	2.3	93	70-130	
Dichlorodifluoromethane	mg/kg	2.5	1.6	64	15-135	
Ethylbenzene	mg/kg	2.5	2.6	102	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.5	101	70-130	
m&p-Xylene	mg/kg	5	4.8	97	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.2	89	65-130	
Methylene Chloride	mg/kg	2.5	2.6	104	70-130	
o-Xylene	mg/kg	2.5	2.4	97	70-130	
Styrene	mg/kg	2.5	2.5	101	70-130	
Tetrachloroethene	mg/kg	2.5	2.6	102	70-130	
Toluene	mg/kg	2.5	2.4	98	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.6	104	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.3	91	70-130	
Trichloroethene	mg/kg	2.5	2.8	110	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.2	88	49-153	
Vinyl chloride	mg/kg	2.5	2.3	91	58-121	
1,2-Dichlorobenzene-d4 (S)	%			99	82-158	
4-Bromofluorobenzene (S)	%			113	66-153	
Toluene-d8 (S)	%			102	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309693 2309694

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235848005	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	mg/kg	<17.5	1.4	1.4	1.2	1.3	86	96	70-130	11	20		
1,1,2,2-Tetrachloroethane	mg/kg	<24.8	1.4	1.4	1.2	1.3	88	93	65-129	6	20		
1,1,2-Trichloroethane	mg/kg	<24.9	1.4	1.4	1.3	1.3	93	98	70-130	5	20		
1,1-Dichloroethane	mg/kg	<17.5	1.4	1.4	1.2	1.3	85	97	70-130	13	20		
1,1-Dichloroethene	mg/kg	<22.7	1.4	1.4	1.1	1.2	79	91	64-120	15	20		
1,2,4-Trichlorobenzene	mg/kg	<56.5	1.4	1.4	1.3	1.3	94	93	64-130	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Parameter	Units	2309693		2309694		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235848005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromo-3-chloropropane	mg/kg	<53.2 ug/kg	1.4	1.4	1.2	1.2	87	86	57-130	1	21		
1,2-Dibromoethane (EDB)	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	85	96	70-130	12	20		
1,2-Dichlorobenzene	mg/kg	<21.2 ug/kg	1.4	1.4	1.2	1.4	90	99	70-130	9	20		
1,2-Dichloroethane	mg/kg	<15.8 ug/kg	1.4	1.4	1.3	1.5	96	111	70-130	15	20		
1,2-Dichloropropane	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	86	97	72-122	12	20		
1,3-Dichlorobenzene	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	87	97	70-130	11	20		
1,4-Dichlorobenzene	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	89	97	70-130	8	20		
Benzene	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	87	98	70-130	12	20		
Bromodichloromethane	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.4	87	99	70-130	13	20		
Bromoform	mg/kg	<301 ug/kg	1.4	1.4	1.1	1.2	82	90	66-130	8	20		
Bromomethane	mg/kg	<96.1 ug/kg	1.4	1.4	1.1	1.2	78	90	13-153	15	20		
Carbon tetrachloride	mg/kg	<15.1 ug/kg	1.4	1.4	1.1	1.3	83	91	67-134	10	20		
Chlorobenzene	mg/kg	<8.2 ug/kg	1.4	1.4	1.2	1.4	89	102	70-130	14	20		
Chloroethane	mg/kg	<28.9 ug/kg	1.4	1.4	1.0	1.2	75	86	11-195	15	20		
Chloroform	mg/kg	<49.1 ug/kg	1.4	1.4	1.2	1.5	90	106	79-120	16	20		
Chloromethane	mg/kg	<26.0 ug/kg	1.4	1.4	0.64	0.74	47	54	30-136	14	20		
cis-1,2-Dichloroethene	mg/kg	<14.7 ug/kg	1.4	1.4	1.1	1.3	84	96	70-130	14	20		
cis-1,3-Dichloropropene	mg/kg	<45.2 ug/kg	1.4	1.4	1.1	1.2	80	90	68-130	13	20		
Dibromochloromethane	mg/kg	<234 ug/kg	1.4	1.4	1.1	1.2	78	88	70-130	12	20		
Dichlorodifluoromethane	mg/kg	<29.5 ug/kg	1.4	1.4	0.36	0.41	27	30	10-158	12	25		
Ethylbenzene	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	86	96	78-120	12	20		
Isopropylbenzene (Cumene)	mg/kg	<18.5 ug/kg	1.4	1.4	1.2	1.3	85	94	70-130	9	20		
m&p-Xylene	mg/kg	<28.9 ug/kg	2.7	2.7	2.3	2.6	85	95	70-130	11	20		
Methyl-tert-butyl ether	mg/kg	<20.1 ug/kg	1.4	1.4	1.0	1.2	76	87	65-130	14	20		
Methylene Chloride	mg/kg	<19.0 ug/kg	1.4	1.4	1.3	1.4	92	101	70-130	10	20		
o-Xylene	mg/kg	<20.6 ug/kg	1.4	1.4	1.2	1.3	85	94	70-130	10	20		
Styrene	mg/kg	<17.5 ug/kg	1.4	1.4	1.2	1.3	84	94	70-130	11	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Parameter	Units	40235848005		2309693		2309694		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Tetrachloroethene	mg/kg	<26.6 ug/kg	1.4	1.4	1.2	1.3	86	98	70-130	13	20			
Toluene	mg/kg	<17.3 ug/kg	1.4	1.4	1.2	1.3	85	98	76-120	15	20			
trans-1,2-Dichloroethene	mg/kg	<14.8 ug/kg	1.4	1.4	1.1	1.3	84	98	70-130	16	20			
trans-1,3-Dichloropropene	mg/kg	<196 ug/kg	1.4	1.4	0.99	1.1	72	84	70-130	15	20			
Trichloroethene	mg/kg	<25.6 ug/kg	1.4	1.4	1.2	1.4	90	106	70-130	16	20			
Trichlorofluoromethane	mg/kg	<19.9 ug/kg	1.4	1.4	0.87	0.96	63	70	42-159	10	21			
Vinyl chloride	mg/kg	<13.8 ug/kg	1.4	1.4	0.85	0.97	62	71	43-137	13	20			
1,2-Dichlorobenzene-d4 (S)	%						131	125	82-158					
4-Bromofluorobenzene (S)	%						140	134	66-153					
Toluene-d8 (S)	%						129	128	67-159					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch: 400092 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Full List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717032, 40235717033

METHOD BLANK: 2310318 Matrix: Solid

Associated Lab Samples: 40235717032, 40235717033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	11/01/21 09:33	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	11/01/21 09:33	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	11/01/21 09:33	
1,1-Dichloroethane	mg/kg	<0.013	0.050	11/01/21 09:33	
1,1-Dichloroethene	mg/kg	<0.017	0.050	11/01/21 09:33	
1,1-Dichloropropene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	11/01/21 09:33	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	11/01/21 09:33	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	11/01/21 09:33	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	11/01/21 09:33	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	11/01/21 09:33	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	11/01/21 09:33	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,2-Dichloroethane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,2-Dichloropropane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	11/01/21 09:33	
1,3-Dichloropropane	mg/kg	<0.011	0.050	11/01/21 09:33	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	11/01/21 09:33	
2,2-Dichloropropane	mg/kg	<0.014	0.050	11/01/21 09:33	
2-Chlorotoluene	mg/kg	<0.016	0.050	11/01/21 09:33	
4-Chlorotoluene	mg/kg	<0.019	0.050	11/01/21 09:33	
Benzene	mg/kg	<0.012	0.020	11/01/21 09:33	
Bromobenzene	mg/kg	<0.020	0.050	11/01/21 09:33	
Bromochloromethane	mg/kg	<0.014	0.050	11/01/21 09:33	
Bromodichloromethane	mg/kg	<0.012	0.050	11/01/21 09:33	
Bromoform	mg/kg	<0.22	0.25	11/01/21 09:33	
Bromomethane	mg/kg	<0.070	0.25	11/01/21 09:33	
Carbon tetrachloride	mg/kg	<0.011	0.050	11/01/21 09:33	
Chlorobenzene	mg/kg	<0.0060	0.050	11/01/21 09:33	
Chloroethane	mg/kg	<0.021	0.25	11/01/21 09:33	
Chloroform	mg/kg	<0.036	0.25	11/01/21 09:33	
Chloromethane	mg/kg	<0.019	0.050	11/01/21 09:33	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	11/01/21 09:33	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	11/01/21 09:33	
Dibromochloromethane	mg/kg	<0.17	0.25	11/01/21 09:33	
Dibromomethane	mg/kg	<0.015	0.050	11/01/21 09:33	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	11/01/21 09:33	
Diisopropyl ether	mg/kg	<0.012	0.050	11/01/21 09:33	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2310318

Matrix: Solid

Associated Lab Samples: 40235717032, 40235717033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	11/01/21 09:33	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	11/01/21 09:33	
m&p-Xylene	mg/kg	<0.021	0.10	11/01/21 09:33	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	11/01/21 09:33	
Methylene Chloride	mg/kg	<0.014	0.050	11/01/21 09:33	
n-Butylbenzene	mg/kg	<0.023	0.050	11/01/21 09:33	
n-Propylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Naphthalene	mg/kg	<0.016	0.25	11/01/21 09:33	
o-Xylene	mg/kg	<0.015	0.050	11/01/21 09:33	
p-Isopropyltoluene	mg/kg	<0.015	0.050	11/01/21 09:33	
sec-Butylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Styrene	mg/kg	<0.013	0.050	11/01/21 09:33	
tert-Butylbenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
Tetrachloroethene	mg/kg	<0.019	0.050	11/01/21 09:33	
Toluene	mg/kg	<0.013	0.050	11/01/21 09:33	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	11/01/21 09:33	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	11/01/21 09:33	
Trichloroethene	mg/kg	<0.019	0.050	11/01/21 09:33	
Trichlorofluoromethane	mg/kg	<0.014	0.050	11/01/21 09:33	
Vinyl chloride	mg/kg	<0.010	0.050	11/01/21 09:33	
1,2-Dichlorobenzene-d4 (S)	%	84	82-158	11/01/21 09:33	
4-Bromofluorobenzene (S)	%	75	66-153	11/01/21 09:33	
Toluene-d8 (S)	%	102	67-159	11/01/21 09:33	

LABORATORY CONTROL SAMPLE: 2310319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.7	108	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	2.5	1.9	75	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.5	101	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.9	115	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.8	112	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.1	86	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	1.6	64	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.4	96	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.3	90	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.6	106	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.8	111	72-118	
1,3-Dichlorobenzene	mg/kg	2.5	2.2	89	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.3	91	70-130	
Benzene	mg/kg	2.5	2.6	104	70-130	
Bromodichloromethane	mg/kg	2.5	2.5	102	70-130	
Bromoform	mg/kg	2.5	2.3	93	66-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2310319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	mg/kg	2.5	2.9	117	13-153	
Carbon tetrachloride	mg/kg	2.5	2.9	118	73-134	
Chlorobenzene	mg/kg	2.5	2.8	113	70-130	
Chloroethane	mg/kg	2.5	3.2	128	19-170	
Chloroform	mg/kg	2.5	2.7	107	79-120	
Chloromethane	mg/kg	2.5	2.0	78	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.6	104	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	101	68-130	
Dibromochloromethane	mg/kg	2.5	2.7	106	70-130	
Dichlorodifluoromethane	mg/kg	2.5	1.3	51	15-135	
Ethylbenzene	mg/kg	2.5	2.8	110	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.8	112	70-130	
m&p-Xylene	mg/kg	5	5.5	109	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.1	86	65-130	
Methylene Chloride	mg/kg	2.5	2.7	109	70-130	
o-Xylene	mg/kg	2.5	2.7	108	70-130	
Styrene	mg/kg	2.5	2.7	109	70-130	
Tetrachloroethene	mg/kg	2.5	2.8	113	70-130	
Toluene	mg/kg	2.5	2.7	107	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.7	108	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.3	94	70-130	
Trichloroethene	mg/kg	2.5	2.7	109	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.8	111	49-153	
Vinyl chloride	mg/kg	2.5	2.5	99	58-121	
1,2-Dichlorobenzene-d4 (S)	%			89	82-158	
4-Bromofluorobenzene (S)	%			79	66-153	
Toluene-d8 (S)	%			107	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2310320 2310321

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717032	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	mg/kg	<0.016	1.2	1.2	1.1	1.2	84	96	70-130	14	20		
1,1,2,2-Tetrachloroethane	mg/kg	<0.023	1.2	1.2	0.86	0.89	68	70	65-129	3	20		
1,1,2-Trichloroethane	mg/kg	<0.023	1.2	1.2	1.1	1.1	86	90	70-130	5	20		
1,1-Dichloroethane	mg/kg	<0.016	1.2	1.2	1.2	1.3	94	104	70-130	9	20		
1,1-Dichloroethene	mg/kg	<0.021	1.2	1.2	1.1	1.2	86	94	64-120	9	20		
1,2,4-Trichlorobenzene	mg/kg	<0.052	1.2	1.2	1.2	1.2	97	91	64-130	5	20		
1,2-Dibromo-3-chloropropane	mg/kg	<0.049	1.2	1.2	0.79	0.72	63	57	57-130	9	21		
1,2-Dibromoethane (EDB)	mg/kg	<0.017	1.2	1.2	0.98	1.1	77	86	70-130	11	20		
1,2-Dichlorobenzene	mg/kg	<0.020	1.2	1.2	1.1	1.1	86	88	70-130	2	20		
1,2-Dichloroethane	mg/kg	<0.015	1.2	1.2	1.1	1.2	86	96	70-130	11	20		
1,2-Dichloropropane	mg/kg	<0.015	1.2	1.2	1.1	1.3	90	103	72-122	12	20		
1,3-Dichlorobenzene	mg/kg	<0.017	1.2	1.2	1.1	1.1	84	87	70-130	3	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Parameter	Units	2310320		2310321		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40235717032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	mg/kg	<0.017	1.2	1.2	1.1	1.1	85	90	70-130	6	20		
Benzene	mg/kg	<0.015	1.2	1.2	1.1	1.2	86	95	70-130	9	20		
Bromodichloromethane	mg/kg	<0.015	1.2	1.2	1.0	1.2	82	93	70-130	12	20		
Bromoform	mg/kg	<0.28	1.2	1.2	1.0	1.1	83	90	66-130	8	20		
Bromomethane	mg/kg	<0.089	1.2	1.2	1.1	1.2	90	97	13-153	7	20		
Carbon tetrachloride	mg/kg	<0.014	1.2	1.2	1.2	1.3	95	101	67-134	6	20		
Chlorobenzene	mg/kg	<0.0076	1.2	1.2	1.2	1.3	97	103	70-130	6	20		
Chloroethane	mg/kg	<0.027	1.2	1.2	1.3	1.4	99	111	11-195	11	20		
Chloroform	mg/kg	<0.045	1.2	1.2	1.1	1.3	90	100	79-120	11	20		
Chloromethane	mg/kg	<0.024	1.2	1.2	0.59	0.67	47	53	30-136	12	20		
cis-1,2-Dichloroethene	mg/kg	<0.014	1.2	1.2	1.1	1.2	86	96	70-130	11	20		
cis-1,3-Dichloropropene	mg/kg	<0.042	1.2	1.2	1.0	1.1	79	89	68-130	12	20		
Dibromochloromethane	mg/kg	<0.22	1.2	1.2	1.1	1.2	89	95	70-130	7	20		
Dichlorodifluoromethane	mg/kg	<0.027	1.2	1.2	0.26	0.27	21	21	10-158	1	25		
Ethylbenzene	mg/kg	<0.015	1.2	1.2	1.2	1.3	93	99	78-120	6	20		
Isopropylbenzene (Cumene)	mg/kg	<0.017	1.2	1.2	1.2	1.3	94	101	70-130	7	20		
m&p-Xylene	mg/kg	<0.027	2.5	2.5	2.4	2.5	93	100	70-130	7	20		
Methyl-tert-butyl ether	mg/kg	<0.019	1.2	1.2	0.85	0.97	67	77	65-130	14	20		
Methylene Chloride	mg/kg	<0.018	1.2	1.2	1.2	1.3	92	102	70-130	10	20		
o-Xylene	mg/kg	<0.019	1.2	1.2	1.2	1.2	93	98	70-130	6	20		
Styrene	mg/kg	<0.016	1.2	1.2	1.1	1.2	89	97	70-130	9	20		
Tetrachloroethene	mg/kg	<0.025	1.2	1.2	1.3	1.3	99	102	70-130	3	20		
Toluene	mg/kg	<0.016	1.2	1.2	1.1	1.3	90	100	76-120	10	20		
trans-1,2-Dichloroethene	mg/kg	<0.014	1.2	1.2	1.1	1.2	88	96	70-130	9	20		
trans-1,3-Dichloropropene	mg/kg	<0.18	1.2	1.2	0.96	1.0	76	81	70-130	7	20		
Trichloroethene	mg/kg	<0.024	1.2	1.2	1.2	1.3	93	101	70-130	9	20		
Trichlorofluoromethane	mg/kg	<0.018	1.2	1.2	1.0	1.1	81	85	42-159	4	21		
Vinyl chloride	mg/kg	<0.013	1.2	1.2	0.82	0.88	65	69	43-137	6	20		
1,2-Dichlorobenzene-d4 (S)	%						105	104	82-158				
4-Bromofluorobenzene (S)	%						91	93	66-153				
Toluene-d8 (S)	%						125	126	67-159				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399900	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016

METHOD BLANK: 2309128 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	mg/kg	<0.090	0.30	10/29/21 12:39	
1-Methylnaphthalene	mg/kg	<0.048	0.16	10/29/21 12:39	
2-Methylnaphthalene	mg/kg	<0.043	0.14	10/29/21 12:39	
Acenaphthene	mg/kg	<0.059	0.20	10/29/21 12:39	
Acenaphthylene	mg/kg	<0.060	0.20	10/29/21 12:39	
Anthracene	mg/kg	<0.027	0.089	10/29/21 12:39	
Benzo(a)anthracene	mg/kg	<0.026	0.086	10/29/21 12:39	
Benzo(a)pyrene	mg/kg	<0.025	0.084	10/29/21 12:39	
Benzo(b)fluoranthene	mg/kg	<0.029	0.096	10/29/21 12:39	
Benzo(g,h,i)perylene	mg/kg	<0.044	0.15	10/29/21 12:39	
Benzo(k)fluoranthene	mg/kg	<0.040	0.13	10/29/21 12:39	
Chrysene	mg/kg	<0.025	0.083	10/29/21 12:39	
Dibenz(a,h)anthracene	mg/kg	<0.045	0.15	10/29/21 12:39	
Fluoranthene	mg/kg	<0.024	0.079	10/29/21 12:39	
Fluorene	mg/kg	<0.020	0.065	10/29/21 12:39	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.036	0.12	10/29/21 12:39	
Naphthalene	mg/kg	<0.058	0.19	10/29/21 12:39	
Phenanthrene	mg/kg	<0.021	0.071	10/29/21 12:39	
Pyrene	mg/kg	<0.037	0.12	10/29/21 12:39	
2,4,6-Tribromophenol (S)	%	81	10-128	10/29/21 12:39	
2-Fluorobiphenyl (S)	%	74	14-110	10/29/21 12:39	
2-Fluorophenol (S)	%	67	10-112	10/29/21 12:39	
Nitrobenzene-d5 (S)	%	67	40-96	10/29/21 12:39	
Phenol-d6 (S)	%	66	14-104	10/29/21 12:39	
Terphenyl-d14 (S)	%	101	10-121	10/29/21 12:39	

LABORATORY CONTROL SAMPLE: 2309129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.7	103	70-130	
2-Methylnaphthalene	mg/kg	1.7	1.7	101	70-130	
Acenaphthene	mg/kg	1.7	1.7	103	80-120	
Acenaphthylene	mg/kg	1.7	1.8	107	70-130	
Anthracene	mg/kg	1.7	1.7	103	70-130	
Benzo(a)anthracene	mg/kg	1.7	1.7	104	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2309129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	mg/kg	1.7	1.7	105	80-120	
Benzo(b)fluoranthene	mg/kg	1.7	1.7	104	70-130	
Benzo(g,h,i)perylene	mg/kg	1.7	1.6	97	70-127	
Benzo(k)fluoranthene	mg/kg	1.7	1.8	107	70-130	
Chrysene	mg/kg	1.7	1.7	105	70-130	
Dibenz(a,h)anthracene	mg/kg	1.7	1.7	100	70-130	
Fluoranthene	mg/kg	1.7	1.7	100	80-120	
Fluorene	mg/kg	1.7	1.8	108	70-130	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.5	90	70-131	
Naphthalene	mg/kg	1.7	1.6	94	70-130	
Phenanthrene	mg/kg	1.7	1.7	102	70-130	
Pyrene	mg/kg	1.7	1.8	110	70-130	
2,4,6-Tribromophenol (S)	%			98	10-128	
2-Fluorobiphenyl (S)	%			94	14-110	
2-Fluorophenol (S)	%			71	10-112	
Nitrobenzene-d5 (S)	%			88	40-96	
Phenol-d6 (S)	%			81	14-104	
Terphenyl-d14 (S)	%			98	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309130 2309131

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717005 Result	Spike Conc.	MSD Spike Conc.	MSD Result								
1-Methylnaphthalene	mg/kg	<0.16	1.9	1.9	1.5	1.5	83	83	45-130	1	20		
2-Methylnaphthalene	mg/kg	<0.15	1.9	1.9	1.4	1.4	78	75	56-130	4	24		
Acenaphthene	mg/kg	<0.20	1.9	1.9	1.5	1.5	83	79	58-120	4	24		
Acenaphthylene	mg/kg	<0.20	1.9	1.9	1.6	1.5	85	81	61-130	4	25		
Anthracene	mg/kg	<0.089	1.9	1.9	1.5	1.4	82	76	67-130	8	27		
Benzo(a)anthracene	mg/kg	<0.087	1.9	1.9	1.6	1.5	84	81	62-130	4	24		
Benzo(a)pyrene	mg/kg	<0.084	1.9	1.9	1.6	1.5	85	78	63-120	8	24		
Benzo(b)fluoranthene	mg/kg	<0.096	1.9	1.9	1.5	1.2	83	64	61-130	27	27		
Benzo(g,h,i)perylene	mg/kg	<0.15	1.9	1.9	1.7	1.3	90	72	56-127	23	23		
Benzo(k)fluoranthene	mg/kg	<0.13	1.9	1.9	1.7	1.3	91	71	55-130	24	24		
Chrysene	mg/kg	<0.084	1.9	1.9	1.4	1.5	76	80	62-130	5	24		
Dibenz(a,h)anthracene	mg/kg	<0.15	1.9	1.9	1.6	1.1	87	61	51-130	34	29	R1	
Fluoranthene	mg/kg	<0.079	1.9	1.9	1.4	1.4	76	76	59-120	0	29		
Fluorene	mg/kg	<0.065	1.9	1.9	1.5	1.5	83	81	60-130	2	20		
Indeno(1,2,3-cd)pyrene	mg/kg	<0.12	1.9	1.9	1.5	1.1	83	61	47-148	31	29	R1	
Naphthalene	mg/kg	<0.20	1.9	1.9	1.4	1.4	74	73	63-130	1	25		
Phenanthrene	mg/kg	<0.072	1.9	1.9	1.6	1.4	84	77	65-130	8	27		
Pyrene	mg/kg	<0.12	1.9	1.9	1.7	1.8	92	96	54-130	4	23		
2,4,6-Tribromophenol (S)	%						78	75	10-128				
2-Fluorobiphenyl (S)	%						79	78	14-110				
2-Fluorophenol (S)	%						53	63	10-112				
Nitrobenzene-d5 (S)	%						67	72	40-96				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309130												2309131	
Parameter	Units	40235717005 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Phenol-d6 (S)	%						69	65	14-104				
Terphenyl-d14 (S)	%						77	90	10-121				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	400169	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020, 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2311396 Matrix: Solid
Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020, 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	mg/kg	<0.090	0.30	11/01/21 15:31	
1-Methylnaphthalene	mg/kg	<0.048	0.16	11/01/21 15:31	
2-Methylnaphthalene	mg/kg	<0.043	0.14	11/01/21 15:31	
Acenaphthene	mg/kg	<0.059	0.20	11/01/21 15:31	
Acenaphthylene	mg/kg	<0.060	0.20	11/01/21 15:31	
Anthracene	mg/kg	<0.027	0.089	11/01/21 15:31	
Benzo(a)anthracene	mg/kg	<0.026	0.086	11/01/21 15:31	
Benzo(a)pyrene	mg/kg	<0.025	0.084	11/01/21 15:31	
Benzo(b)fluoranthene	mg/kg	<0.029	0.096	11/01/21 15:31	
Benzo(g,h,i)perylene	mg/kg	<0.044	0.15	11/01/21 15:31	
Benzo(k)fluoranthene	mg/kg	<0.040	0.13	11/01/21 15:31	
Chrysene	mg/kg	<0.025	0.083	11/01/21 15:31	
Dibenz(a,h)anthracene	mg/kg	<0.045	0.15	11/01/21 15:31	
Fluoranthene	mg/kg	<0.024	0.079	11/01/21 15:31	
Fluorene	mg/kg	<0.020	0.065	11/01/21 15:31	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.036	0.12	11/01/21 15:31	
Naphthalene	mg/kg	<0.058	0.19	11/01/21 15:31	
Phenanthrene	mg/kg	<0.021	0.071	11/01/21 15:31	
Pyrene	mg/kg	<0.037	0.12	11/01/21 15:31	
2,4,6-Tribromophenol (S)	%	81	10-128	11/01/21 15:31	
2-Fluorobiphenyl (S)	%	74	14-110	11/01/21 15:31	
2-Fluorophenol (S)	%	60	10-112	11/01/21 15:31	
Nitrobenzene-d5 (S)	%	66	40-96	11/01/21 15:31	
Phenol-d6 (S)	%	61	14-104	11/01/21 15:31	
Terphenyl-d14 (S)	%	90	10-121	11/01/21 15:31	

LABORATORY CONTROL SAMPLE: 2311397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.8	106	70-130	
2-Methylnaphthalene	mg/kg	1.7	1.7	103	70-130	
Acenaphthene	mg/kg	1.7	1.7	103	80-120	
Acenaphthylene	mg/kg	1.7	1.8	107	70-130	
Anthracene	mg/kg	1.7	1.8	106	70-130	
Benzo(a)anthracene	mg/kg	1.7	1.8	106	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2311397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	mg/kg	1.7	1.7	102	80-120	
Benzo(b)fluoranthene	mg/kg	1.7	1.7	101	70-130	
Benzo(g,h,i)perylene	mg/kg	1.7	1.6	93	70-127	
Benzo(k)fluoranthene	mg/kg	1.7	1.7	103	70-130	
Chrysene	mg/kg	1.7	1.8	107	70-130	
Dibenz(a,h)anthracene	mg/kg	1.7	1.5	90	70-130	
Fluoranthene	mg/kg	1.7	1.7	101	80-120	
Fluorene	mg/kg	1.7	1.7	104	70-130	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	70-131	
Naphthalene	mg/kg	1.7	1.7	103	70-130	
Phenanthrene	mg/kg	1.7	1.8	106	70-130	
Pyrene	mg/kg	1.7	1.8	111	70-130	
2,4,6-Tribromophenol (S)	%			99	10-128	
2-Fluorobiphenyl (S)	%			92	14-110	
2-Fluorophenol (S)	%			92	10-112	
Nitrobenzene-d5 (S)	%			99	40-96 S0	
Phenol-d6 (S)	%			93	14-104	
Terphenyl-d14 (S)	%			98	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311398 2311399

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717017 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	mg/kg	<0.057	2.1	2.1	2.1	1.8	1.9	89	93	45-130	4	20	
2-Methylnaphthalene	mg/kg	<0.052	2.1	2.1	2.1	1.7	1.8	86	92	56-130	7	24	
Acenaphthene	mg/kg	<0.071	2.1	2.1	2.1	1.7	1.9	85	93	58-120	9	24	
Acenaphthylene	mg/kg	<0.072	2.1	2.1	2.1	1.8	1.9	89	97	61-130	8	25	
Anthracene	mg/kg	<0.032	2.1	2.1	2.1	1.8	1.8	90	91	67-130	1	27	
Benzo(a)anthracene	mg/kg	<0.031	2.1	2.1	2.1	1.8	1.8	90	91	62-130	0	24	
Benzo(a)pyrene	mg/kg	<0.030	2.1	2.1	2.1	1.8	1.8	89	88	63-120	1	24	
Benzo(b)fluoranthene	mg/kg	<0.035	2.1	2.1	2.1	1.7	1.7	87	86	61-130	0	27	
Benzo(g,h,i)perylene	mg/kg	<0.053	2.1	2.1	2.1	1.8	1.6	90	81	56-127	11	23	
Benzo(k)fluoranthene	mg/kg	<0.048	2.1	2.1	2.1	1.8	1.7	87	86	55-130	1	24	
Chrysene	mg/kg	<0.030	2.1	2.1	2.1	1.8	1.9	89	92	62-130	4	24	
Dibenz(a,h)anthracene	mg/kg	<0.055	2.1	2.1	2.1	1.7	1.5	86	74	51-130	15	29	
Fluoranthene	mg/kg	<0.028	2.1	2.1	2.1	1.8	1.7	87	83	59-120	5	29	
Fluorene	mg/kg	<0.023	2.1	2.1	2.1	1.8	1.9	90	93	60-130	4	20	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.044	2.1	2.1	2.1	1.6	1.5	78	73	47-148	7	29	
Naphthalene	mg/kg	<0.070	2.1	2.1	2.1	1.6	1.8	80	89	63-130	10	25	
Phenanthrene	mg/kg	<0.026	2.1	2.1	2.1	1.8	1.9	89	92	65-130	3	27	
Pyrene	mg/kg	<0.045	2.1	2.1	2.1	1.8	2.0	92	97	54-130	6	23	
2,4,6-Tribromophenol (S)	%							78	88	10-128			
2-Fluorobiphenyl (S)	%							77	85	14-110			
2-Fluorophenol (S)	%							64	77	10-112			
Nitrobenzene-d5 (S)	%							77	83	40-96			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311398												2311399	
Parameter	Units	40235717017 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Phenol-d6 (S)	%							70	78	14-104			
Terphenyl-d14 (S)	%							80	85	10-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400031	Analysis Method:	WI MOD DRO
QC Batch Method:	WI MOD DRO	Analysis Description:	WIDRO GCS
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2309826 Matrix: Solid
Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.4	11/01/21 06:14	

Parameter	Units	2309827		2309828			% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec				
Diesel Range Organics	mg/kg	40	32.1	31.5	80	79	70-120	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch: 399623

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002

SAMPLE DUPLICATE: 2307443

Parameter	Units	40235311004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.0	15.6	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch: 399630

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

SAMPLE DUPLICATE: 2307445

Parameter	Units	40235717007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	13.7	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	399638	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

SAMPLE DUPLICATE: 2307475

Parameter	Units	40235717026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.0	14.1	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

DC Chromatographic pattern inconsistent with typical Diesel Fuel.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717017	SB-9 (2-4)	WI MOD DRO	400031	WI MOD DRO	400087
40235717018	SB-9 (7-9)	WI MOD DRO	400031	WI MOD DRO	400087
40235717019	SB-10 (4-6)	WI MOD DRO	400031	WI MOD DRO	400087
40235717020	SB-10 (8-10)	WI MOD DRO	400031	WI MOD DRO	400087
40235717001	SB-1 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717002	SB-1 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717003	SB-2 (0-2)	EPA 3050B	399616	EPA 6010D	399698
40235717004	SB-2 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717005	SB-3 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717006	SB-3 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717007	SB-4 (6-8)	EPA 3050B	399616	EPA 6010D	399698
40235717008	SB-4 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717009	SB-5 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717010	SB-5 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717011	SB-6 (0-5)	EPA 3050B	399616	EPA 6010D	399698
40235717012	SB-6 (7-10)	EPA 3050B	399616	EPA 6010D	399698
40235717013	SB-7 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717014	SB-7 (6-8)	EPA 3050B	399616	EPA 6010D	399698
40235717015	SB-8 (0-5)	EPA 3050B	399616	EPA 6010D	399698
40235717016	SB-8 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717017	SB-9 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717018	SB-9 (7-9)	EPA 3050B	399616	EPA 6010D	399698
40235717019	SB-10 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717020	SB-10 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717021	SB-11 (2-4)	EPA 3050B	399617	EPA 6010D	399690
40235717022	SB-11 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717023	SB-12 (0-5)	EPA 3050B	399617	EPA 6010D	399690
40235717024	SB-12 (15-18)	EPA 3050B	399617	EPA 6010D	399690
40235717025	SB-13 (5-10)	EPA 3050B	399617	EPA 6010D	399690
40235717026	SB-13 (10-15)	EPA 3050B	399617	EPA 6010D	399690
40235717027	SB-14 (0-5)	EPA 3050B	399617	EPA 6010D	399690
40235717028	SB-14 (15-20)	EPA 3050B	399617	EPA 6010D	399690
40235717029	SB-3 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717030	SB-4 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717031	SB-5 (12-15)	EPA 3050B	399617	EPA 6010D	399690
40235717032	SB-9 (9-10)	EPA 3050B	399617	EPA 6010D	399690
40235717001	SB-1 (2-4)	EPA 7471	400189	EPA 7471	400346
40235717002	SB-1 (4-6)	EPA 7471	400189	EPA 7471	400346
40235717003	SB-2 (0-2)	EPA 7471	400189	EPA 7471	400346
40235717004	SB-2 (4-6)	EPA 7471	400189	EPA 7471	400346
40235717005	SB-3 (2-4)	EPA 7471	400189	EPA 7471	400346
40235717006	SB-3 (10-12)	EPA 7471	400189	EPA 7471	400346
40235717007	SB-4 (6-8)	EPA 7471	400189	EPA 7471	400346
40235717008	SB-4 (10-12)	EPA 7471	400190	EPA 7471	400414
40235717009	SB-5 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717010	SB-5 (10-12)	EPA 7471	400190	EPA 7471	400414
40235717011	SB-6 (0-5)	EPA 7471	400190	EPA 7471	400414

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717012	SB-6 (7-10)	EPA 7471	400190	EPA 7471	400414
40235717013	SB-7 (4-6)	EPA 7471	400190	EPA 7471	400414
40235717014	SB-7 (6-8)	EPA 7471	400190	EPA 7471	400414
40235717015	SB-8 (0-5)	EPA 7471	400190	EPA 7471	400414
40235717016	SB-8 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717017	SB-9 (2-4)	EPA 7471	400190	EPA 7471	400414
40235717018	SB-9 (7-9)	EPA 7471	400190	EPA 7471	400414
40235717019	SB-10 (4-6)	EPA 7471	400190	EPA 7471	400414
40235717020	SB-10 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717021	SB-11 (2-4)	EPA 7471	400193	EPA 7471	400415
40235717022	SB-11 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717023	SB-12 (0-5)	EPA 7471	400193	EPA 7471	400415
40235717024	SB-12 (15-18)	EPA 7471	400193	EPA 7471	400415
40235717025	SB-13 (5-10)	EPA 7471	400193	EPA 7471	400415
40235717026	SB-13 (10-15)	EPA 7471	400193	EPA 7471	400415
40235717027	SB-14 (0-5)	EPA 7471	400193	EPA 7471	400415
40235717028	SB-14 (15-20)	EPA 7471	400193	EPA 7471	400415
40235717029	SB-3 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717030	SB-4 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717031	SB-5 (12-15)	EPA 7471	400193	EPA 7471	400415
40235717032	SB-9 (9-10)	EPA 7471	400193	EPA 7471	400415
40235717001	SB-1 (2-4)	EPA 3546	399900	EPA 8270E	399976
40235717002	SB-1 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717003	SB-2 (0-2)	EPA 3546	399900	EPA 8270E	399976
40235717004	SB-2 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717005	SB-3 (2-4)	EPA 3546	399900	EPA 8270E	399976
40235717006	SB-3 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717007	SB-4 (6-8)	EPA 3546	399900	EPA 8270E	399976
40235717008	SB-4 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717009	SB-5 (8-10)	EPA 3546	399900	EPA 8270E	399976
40235717010	SB-5 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717011	SB-6 (0-5)	EPA 3546	399900	EPA 8270E	399976
40235717012	SB-6 (7-10)	EPA 3546	399900	EPA 8270E	399976
40235717013	SB-7 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717014	SB-7 (6-8)	EPA 3546	399900	EPA 8270E	399976
40235717015	SB-8 (0-5)	EPA 3546	399900	EPA 8270E	399976
40235717016	SB-8 (8-10)	EPA 3546	399900	EPA 8270E	399976
40235717017	SB-9 (2-4)	EPA 3546	400169	EPA 8270E	400260
40235717018	SB-9 (7-9)	EPA 3546	400169	EPA 8270E	400260
40235717019	SB-10 (4-6)	EPA 3546	400169	EPA 8270E	400260
40235717020	SB-10 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717021	SB-11 (2-4)	EPA 3546	400169	EPA 8270E	400260
40235717022	SB-11 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717023	SB-12 (0-5)	EPA 3546	400169	EPA 8270E	400260
40235717024	SB-12 (15-18)	EPA 3546	400169	EPA 8270E	400260
40235717025	SB-13 (5-10)	EPA 3546	400169	EPA 8270E	400260
40235717026	SB-13 (10-15)	EPA 3546	400169	EPA 8270E	400260

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717027	SB-14 (0-5)	EPA 3546	400169	EPA 8270E	400260
40235717028	SB-14 (15-20)	EPA 3546	400169	EPA 8270E	400260
40235717029	SB-3 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717030	SB-4 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717031	SB-5 (12-15)	EPA 3546	400169	EPA 8270E	400260
40235717032	SB-9 (9-10)	EPA 3546	400169	EPA 8270E	400260
40235717001	SB-1 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717002	SB-1 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717003	SB-2 (0-2)	EPA 5035/5030B	399668	EPA 8260	399672
40235717004	SB-2 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717005	SB-3 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717006	SB-3 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717007	SB-4 (6-8)	EPA 5035/5030B	399668	EPA 8260	399672
40235717008	SB-4 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717009	SB-5 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717010	SB-5 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717011	SB-6 (0-5)	EPA 5035/5030B	399668	EPA 8260	399672
40235717012	SB-6 (7-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717013	SB-7 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717014	SB-7 (6-8)	EPA 5035/5030B	399668	EPA 8260	399672
40235717015	SB-8 (0-5)	EPA 5035/5030B	399668	EPA 8260	399672
40235717016	SB-8 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717017	SB-9 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717018	SB-9 (7-9)	EPA 5035/5030B	399668	EPA 8260	399672
40235717019	SB-10 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717020	SB-10 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717021	SB-11 (2-4)	EPA 5035/5030B	400003	EPA 8260	400005
40235717022	SB-11 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717023	SB-12 (0-5)	EPA 5035/5030B	400003	EPA 8260	400005
40235717024	SB-12 (15-18)	EPA 5035/5030B	400003	EPA 8260	400005
40235717025	SB-13 (5-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717026	SB-13 (10-15)	EPA 5035/5030B	400003	EPA 8260	400005
40235717027	SB-14 (0-5)	EPA 5035/5030B	400003	EPA 8260	400005
40235717028	SB-14 (15-20)	EPA 5035/5030B	400003	EPA 8260	400005
40235717029	SB-3 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717030	SB-4 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717031	SB-5 (12-15)	EPA 5035/5030B	400003	EPA 8260	400005
40235717032	SB-9 (9-10)	EPA 5035/5030B	400092	EPA 8260	400095
40235717033	TRIP BLANK	EPA 5035/5030B	400092	EPA 8260	400095
40235717001	SB-1 (2-4)	ASTM D2974-87	399623		
40235717002	SB-1 (4-6)	ASTM D2974-87	399623		
40235717003	SB-2 (0-2)	ASTM D2974-87	399630		
40235717004	SB-2 (4-6)	ASTM D2974-87	399630		
40235717005	SB-3 (2-4)	ASTM D2974-87	399630		
40235717006	SB-3 (10-12)	ASTM D2974-87	399630		
40235717007	SB-4 (6-8)	ASTM D2974-87	399630		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717008	SB-4 (10-12)	ASTM D2974-87	399630		
40235717009	SB-5 (8-10)	ASTM D2974-87	399630		
40235717010	SB-5 (10-12)	ASTM D2974-87	399630		
40235717011	SB-6 (0-5)	ASTM D2974-87	399630		
40235717012	SB-6 (7-10)	ASTM D2974-87	399630		
40235717013	SB-7 (4-6)	ASTM D2974-87	399630		
40235717014	SB-7 (6-8)	ASTM D2974-87	399630		
40235717015	SB-8 (0-5)	ASTM D2974-87	399630		
40235717016	SB-8 (8-10)	ASTM D2974-87	399630		
40235717017	SB-9 (2-4)	ASTM D2974-87	399630		
40235717018	SB-9 (7-9)	ASTM D2974-87	399630		
40235717019	SB-10 (4-6)	ASTM D2974-87	399630		
40235717020	SB-10 (8-10)	ASTM D2974-87	399630		
40235717021	SB-11 (2-4)	ASTM D2974-87	399638		
40235717022	SB-11 (8-10)	ASTM D2974-87	399638		
40235717023	SB-12 (0-5)	ASTM D2974-87	399638		
40235717024	SB-12 (15-18)	ASTM D2974-87	399638		
40235717025	SB-13 (5-10)	ASTM D2974-87	399638		
40235717026	SB-13 (10-15)	ASTM D2974-87	399638		
40235717027	SB-14 (0-5)	ASTM D2974-87	399638		
40235717028	SB-14 (15-20)	ASTM D2974-87	399638		
40235717029	SB-3 (8-10)	ASTM D2974-87	399638		
40235717030	SB-4 (8-10)	ASTM D2974-87	399638		
40235717031	SB-5 (12-15)	ASTM D2974-87	399638		
40235717032	SB-9 (9-10)	ASTM D2974-87	399638		

REPORT OF LABORATORY ANALYSIS

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

40235717

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

(Please Print Clearly)

Company Name: Kapur & Associates Inc.
 Branch/Location: Glendale, WI
 Project Contact: Ashley Wagner
 Phone: (414)410-5206
 Project Number: 22.0009
 Project Name: Former MM
 Project State: Wisconsin
 Sampled By (Print): Jennifer Skweres
 Sampled By (Sign): *[Signature]*
 PO #: _____ Regulatory Program: _____



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
 PRESERVATION (CODE)*

Y/N	N	N	N	N														
Pick Letter	F	A	A	A														
Analyses Requested	VOCs (include 1,4-dioxane)			PAH	RCRA Metals/Dry Weight													
001	X	X	X															
002	X	X	X															
003	X	X	X															
004	X	X	X															
005	X	X	X															
006	X	X	X															
007	X	X	X															
008	X	X	X															
009	X	X	X															
010	X	X	X															
011	X	X	X															
012	X	X	X															
013	X	X	X															

COC No.

Quote #: _____
 Mail To Contact: Ashley Wagner
 Mail To Company: Kapur & Associates Inc.
 Mail To Address: 7711 N Port Washington Rd. Milwaukee, WI 53217
 Invoice To Contact: same
 Invoice To Company: as
 Invoice To Address: above
 Invoice To Phone: _____

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	SB-1 (2-4)	10/21/21	8:26	S
002	SB-1 (4-6)	10/21/21	8:30	S
003	SB-2 (0-2)	10/21/21	9:12	S
004	SB-2 (4-6)	10/21/21	9:15	S
005	SB-3 (2-4)	10/21/21	9:57	S
006	SB-3 (10-12)	10/21/21	10:05	S
007	SB-4 (6-8)	10/21/21	10:36	S
008	SB-4 (10-12)	10/21/21	10:42	S
009	SB-5 (8-10)	10/21/21	11:40	S
010	SB-5 (10-12)	10/21/21	11:41	S
011	SB-6 (0-5)	10/21/21	11:51	S
012	SB-6 (7-10)	10/21/21	11:56	S
013	SB-7 (4-6)	10/21/21	12:15	S

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: <i>[Signature]</i> Date/Time: 10/21/21 11:26	Received By: _____ Date/Time: _____
Relinquished By: <i>[Signature]</i> Date/Time: 10/23/21 08:55	Received By: <i>[Signature]</i> Date/Time: 10/23/21 08:55
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____

PACE Project No. 40235717
 Receipt Temp = 1, 1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present Not Present
 Intact / Not Intact

Version 6.0 06/14/06

40235717

(Please Print Clearly)

Company Name: Kapur & Associates Inc.
 Branch/Location: Glendale, WI
 Project Contact: Ashley Wagner
 Phone: (414)410-5206
 Project Number: 22.0009
 Project Name: Former MM
 Project State: Wisconsin
 Sampled By (Print): Jennifer Skweres
 Sampled By (Sign): *Jennifer Skweres*
 PO #: _____ Regulatory Program: _____



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

COC No.

Quote #: _____
 Mail To Contact: Ashley Wagner
 Mail To Company: Kapur & Associates Inc.
 Mail To Address: 7711 N Port Washington Rd.
 Milwaukee, WI 53217
 Invoice To Contact: same
 Invoice To Company: as
 Invoice To Address: above
 Invoice To Phone: _____

Y/N	N	N	N	N							
F	A	A	A								
Analyses Requested	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight	DRO							

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight	DRO						
		DATE	TIME												
014	SB-7 (6-8)	10/21/21	12:16	S		X	X	X							
015	SB-8 (0-5)	10/21/21	12:45	S		X	X	X							
016	SB-8 (8-10)	10/21/21	12:51	S		X	X	X							
017	SB-9 (2-4)	10/21/21	13:32	S		X	X	X	X						
018	SB-9 (7-9)	10/21/21	13:36	S		X	X	X	X						
019	SB-10 (4-6)	10/21/21	14:15	S		X	X	X	X						
020	SB-10 (8-10)	10/21/21	14:17	S		X	X	X	X						
021	SB-11 (2-4)	10/21/21	14:31	S		X	X	X							
022	SB-11 (8-10)	10/21/21	14:37	S		X	X	X							
023	SB-12 (0-5)	10/22/21	8:41	S		X	X	X							
024	SB-12 (15-18)	10/22/21	8:55	S		X	X	X							
025	SB-13 (5-10)	10/22/21	9:50	S		X	X	X							
026	SB-13 (10-15)	10/22/21	10:00	S		X	X	X							

CLIENT COMMENTS LAB COMMENTS (Lab Use Only) Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>[Signature]</i> Date/Time: 10/22/21	Received By: <i>[Signature]</i> Date/Time: 10/22/21	PACE Project No. 40235717 Receipt Temp = 1,1 °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>[Signature]</i> Date/Time: 10/23/21 0855	Received By: <i>[Signature]</i> Date/Time: 10/23/21 0855	
Email #1:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Email #2:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Telephone:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Fax:	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____	
Samples on HOLD are subject to special pricing and release of liability			

Version 6.0 06/14/06

40235717

(Please Print Clearly)

Company Name: Kapur & Associates Inc.
 Branch/Location: Glendale, WI
 Project Contact: Ashley Wagner
 Phone: (414)410-5206
 Project Number: 22.0009
 Project Name: Former MM
 Project State: Wisconsin
 Sampled By (Print): Jennifer Skweres
 Sampled By (Sign):



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

Page 3 of 3

COC No.

CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
 (YES/NO)
 PRESERVATION
 (CODE)*

Y/N	N	N	N							
Pick Letter	F	A	A							
Analyses Requested	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight							

Quote #:
 Mail To Contact: Ashley Wagner
 Mail To Company: Kapur & Associates Inc.
 Mail To Address: 7711 N Port Washington Rd. Milwaukee, WI 53217
 Invoice To Contact: same
 Invoice To Company: as
 Invoice To Address: above
 Invoice To Phone:

Data Package Options
 (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	N	N	N								
		DATE	TIME													
027	SB-14 (0-5)	10/22/21	11:27	S	X	X	X									
028	SB-14 (15-20)	10/22/21	11:50	S	X	X	X									
029	SB-3 (8-10)	10/21/21	10:02	S	X	X	X									
030	SB-4 (8-10)	10/21/21	10:37	S	X	X	X									
031	SB-5 (12-15)	10/21/21	11:31	S	X	X	X									
032	SB-9 (9-10)	10/21/21	13:37	S	X	X	X									
033	TRIP BLANK	--	--	MeOH												Lab Prepared

CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: 10/22/21 10:26

Relinquished By: Date/Time: 10/22/21 10:26
 Received By: Date/Time: 10/22/21 08:55

Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. 40235717
 Receipt Temp = 1.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact

Version 6.0 06/14/06

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Kapur

Project # 4025717

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN			
001																																				2.5 / 5 / 10
002																																				2.5 / 5 / 10
003																																				2.5 / 5 / 10
004																																				2.5 / 5 / 10
005																																				2.5 / 5 / 10
006																																				2.5 / 5 / 10
007																																				2.5 / 5 / 10
008																																				2.5 / 5 / 10
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						


Sample Preservation Receipt Form

Client Name: Kapur

Project #: 40377H

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC							
021																															2.5 / 5 / 10
622																															2.5 / 5 / 10
023																															2.5 / 5 / 10
024																															2.5 / 5 / 10
025																															2.5 / 5 / 10
026																															2.5 / 5 / 10
027																															2.5 / 5 / 10
028																															2.5 / 5 / 10
029																															2.5 / 5 / 10
030																															2.5 / 5 / 10
031																															2.5 / 5 / 10
032																															2.5 / 5 / 10
033																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10
																															2.5 / 5 / 10

10/25/21
SRK

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40235717

Client Name: Kapur

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: 2085-102221

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-107 Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.0, 1.0 / Corr: 1.0, 1.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:	
Date: <u>10/25/17</u>	Initials: <u>SRK</u>
Labeled By Initials: <u>SKW</u>	

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>003 + 021 WPFU no time</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>10/25/17</u> <u>SRK</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>B106901VB</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

November 15, 2021

Travis Peterson
Kapur & Associates, Inc.
7711 N. Port Washington Road
Milwaukee, WI 53217

RE: Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Dear Travis Peterson:

Enclosed are the analytical results for sample(s) received by the laboratory on October 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kapur Environmental, Kapur & Associates, Inc.



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40235717001	SB-1 (2-4)	Solid	10/21/21 08:26	10/23/21 08:55
40235717002	SB-1 (4-6)	Solid	10/21/21 08:30	10/23/21 08:55
40235717003	SB-2 (0-2)	Solid	10/21/21 09:12	10/23/21 08:55
40235717004	SB-2 (4-6)	Solid	10/21/21 09:15	10/23/21 08:55
40235717005	SB-3 (2-4)	Solid	10/21/21 09:57	10/23/21 08:55
40235717006	SB-3 (10-12)	Solid	10/21/21 10:05	10/23/21 08:55
40235717007	SB-4 (6-8)	Solid	10/21/21 10:36	10/23/21 08:55
40235717008	SB-4 (10-12)	Solid	10/21/21 10:42	10/23/21 08:55
40235717009	SB-5 (8-10)	Solid	10/21/21 11:40	10/23/21 08:55
40235717010	SB-5 (10-12)	Solid	10/21/21 11:41	10/23/21 08:55
40235717011	SB-6 (0-5)	Solid	10/21/21 11:51	10/23/21 08:55
40235717012	SB-6 (7-10)	Solid	10/21/21 11:56	10/23/21 08:55
40235717013	SB-7 (4-6)	Solid	10/21/21 12:15	10/23/21 08:55
40235717014	SB-7 (6-8)	Solid	10/21/21 12:16	10/23/21 08:55
40235717015	SB-8 (0-5)	Solid	10/21/21 12:45	10/23/21 08:55
40235717016	SB-8 (8-10)	Solid	10/21/21 12:51	10/23/21 08:55
40235717017	SB-9 (2-4)	Solid	10/21/21 13:32	10/23/21 08:55
40235717018	SB-9 (7-9)	Solid	10/21/21 13:36	10/23/21 08:55
40235717019	SB-10 (4-6)	Solid	10/21/21 14:15	10/23/21 08:55
40235717020	SB-10 (8-10)	Solid	10/21/21 14:17	10/23/21 08:55
40235717021	SB-11 (2-4)	Solid	10/21/21 14:31	10/23/21 08:55
40235717022	SB-11 (8-10)	Solid	10/21/21 14:37	10/23/21 08:55
40235717023	SB-12 (0-5)	Solid	10/22/21 08:41	10/23/21 08:55
40235717024	SB-12 (15-18)	Solid	10/22/21 08:55	10/23/21 08:55
40235717025	SB-13 (5-10)	Solid	10/22/21 09:50	10/23/21 08:55
40235717026	SB-13 (10-15)	Solid	10/22/21 10:00	10/23/21 08:55
40235717027	SB-14 (0-5)	Solid	10/22/21 11:27	10/23/21 08:55
40235717028	SB-14 (15-20)	Solid	10/22/21 11:50	10/23/21 08:55
40235717029	SB-3 (8-10)	Solid	10/21/21 10:02	10/23/21 08:55
40235717030	SB-4 (8-10)	Solid	10/21/21 10:02	10/23/21 08:55
40235717031	SB-5 (12-15)	Solid	10/21/21 11:31	10/23/21 08:55
40235717032	SB-9 (9-10)	Solid	10/21/21 13:37	10/23/21 08:55
40235717033	TRIP BLANK	Solid	10/21/21 00:00	10/23/21 08:55

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717001	SB-1 (2-4)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717002	SB-1 (4-6)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717003	SB-2 (0-2)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717004	SB-2 (4-6)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717005	SB-3 (2-4)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717006	SB-3 (10-12)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717007	SB-4 (6-8)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717008	SB-4 (10-12)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717009	SB-5 (8-10)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		EPA 8260	LAP	4	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717010	SB-5 (10-12)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717011	SB-6 (0-5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717012	SB-6 (7-10)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
40235717013	SB-7 (4-6)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717014	SB-7 (6-8)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717015	SB-8 (0-5)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717016	SB-8 (8-10)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717017	SB-9 (2-4)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717018	SB-9 (7-9)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717019	SB-10 (4-6)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		WI MOD DRO	MRN	1	PASI-G
40235717020	SB-10 (8-10)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717021	SB-11 (2-4)	WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
40235717022	SB-11 (8-10)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717023	SB-12 (0-5)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717024	SB-12 (15-18)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
40235717025	SB-13 (5-10)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40235717026	SB-13 (10-15)	EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
40235717027	SB-14 (0-5)	ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40235717028	SB-14 (15-20)	EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717029	SB-3 (8-10)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
		EPA 8260	SMT	64	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40235717030	SB-4 (8-10)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717031	SB-5 (12-15)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717032	SB-9 (9-10)	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E	TPO	25	PASI-G
40235717033	TRIP BLANK	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	HXB	1	PASI-G
		EPA 8260	ALD	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717001	SB-1 (2-4)					
EPA 6010D	Arsenic	2.7J	mg/kg	2.8	10/26/21 18:17	
EPA 6010D	Barium	44.9	mg/kg	0.57	10/26/21 18:17	MO
EPA 6010D	Chromium	13.9	mg/kg	1.1	10/26/21 18:17	
EPA 6010D	Lead	5.3	mg/kg	2.3	10/26/21 18:17	
EPA 7471	Mercury	0.035J	mg/kg	0.039	11/02/21 10:48	
ASTM D2974-87	Percent Moisture	12.8	%	0.10	10/26/21 08:34	
40235717002	SB-1 (4-6)					
EPA 6010D	Arsenic	2.5J	mg/kg	2.7	10/26/21 18:31	
EPA 6010D	Barium	33.4	mg/kg	0.55	10/26/21 18:31	
EPA 6010D	Chromium	9.6	mg/kg	1.1	10/26/21 18:31	
EPA 6010D	Lead	4.8	mg/kg	2.2	10/26/21 18:31	
EPA 7471	Mercury	0.016J	mg/kg	0.038	11/02/21 10:51	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	10/26/21 08:34	
40235717003	SB-2 (0-2)					
EPA 6010D	Arsenic	7.0	mg/kg	2.9	10/26/21 18:36	
EPA 6010D	Barium	108	mg/kg	0.58	10/26/21 18:36	
EPA 6010D	Cadmium	0.37J	mg/kg	0.58	10/26/21 18:36	
EPA 6010D	Chromium	23.5	mg/kg	1.2	10/26/21 18:36	
EPA 6010D	Lead	55.7	mg/kg	2.3	10/26/21 18:36	
EPA 7471	Mercury	0.078	mg/kg	0.041	11/02/21 10:53	
EPA 8270E	Benzo(a)anthracene	0.035J	mg/kg	0.11	11/01/21 20:24	
EPA 8270E	Benzo(a)pyrene	0.038J	mg/kg	0.10	11/01/21 20:24	
EPA 8270E	Benzo(b)fluoranthene	0.055J	mg/kg	0.12	11/01/21 20:24	
EPA 8270E	Benzo(g,h,i)perylene	0.060J	mg/kg	0.18	11/01/21 20:24	
EPA 8270E	Chrysene	0.047J	mg/kg	0.10	11/01/21 20:24	
EPA 8270E	Fluoranthene	0.11	mg/kg	0.097	11/01/21 20:24	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.055J	mg/kg	0.15	11/01/21 20:24	
EPA 8270E	Phenanthrene	0.088	mg/kg	0.087	11/01/21 20:24	
EPA 8270E	Pyrene	0.095J	mg/kg	0.15	11/01/21 20:24	
ASTM D2974-87	Percent Moisture	18.4	%	0.10	10/26/21 09:04	
40235717004	SB-2 (4-6)					
EPA 6010D	Arsenic	24.5	mg/kg	2.8	10/26/21 18:39	
EPA 6010D	Barium	59.6	mg/kg	0.56	10/26/21 18:39	
EPA 6010D	Cadmium	0.34J	mg/kg	0.56	10/26/21 18:39	
EPA 6010D	Chromium	15.2	mg/kg	1.1	10/26/21 18:39	
EPA 6010D	Lead	6.7	mg/kg	2.2	10/26/21 18:39	
EPA 7471	Mercury	0.018J	mg/kg	0.038	11/02/21 10:55	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	10/26/21 09:04	
40235717005	SB-3 (2-4)					
EPA 6010D	Arsenic	2.6J	mg/kg	2.6	10/26/21 18:41	
EPA 6010D	Barium	34.6	mg/kg	0.53	10/26/21 18:41	
EPA 6010D	Cadmium	0.22J	mg/kg	0.53	10/26/21 18:41	
EPA 6010D	Chromium	11.5	mg/kg	1.1	10/26/21 18:41	
EPA 6010D	Lead	5.1	mg/kg	2.1	10/26/21 18:41	
EPA 7471	Mercury	0.014J	mg/kg	0.036	11/02/21 10:58	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717005	SB-3 (2-4)					
ASTM D2974-87	Percent Moisture	10.4	%	0.10	10/26/21 09:04	
40235717006	SB-3 (10-12)					
EPA 6010D	Barium	10.5	mg/kg	0.52	10/26/21 18:44	
EPA 6010D	Cadmium	0.18J	mg/kg	0.52	10/26/21 18:44	
EPA 6010D	Chromium	6.6	mg/kg	1.0	10/26/21 18:44	
EPA 6010D	Lead	4.0	mg/kg	2.1	10/26/21 18:44	
EPA 7471	Mercury	0.012J	mg/kg	0.035	11/02/21 11:00	
EPA 8260	Trichloroethene	1.0	mg/kg	0.060	10/27/21 23:09	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	10/26/21 09:04	
40235717007	SB-4 (6-8)					
EPA 6010D	Arsenic	3.1	mg/kg	2.8	10/26/21 18:46	
EPA 6010D	Barium	55.0	mg/kg	0.56	10/26/21 18:46	
EPA 6010D	Cadmium	0.22J	mg/kg	0.56	10/26/21 18:46	
EPA 6010D	Chromium	12.4	mg/kg	1.1	10/26/21 18:46	
EPA 6010D	Lead	5.3	mg/kg	2.3	10/26/21 18:46	
EPA 7471	Mercury	0.014J	mg/kg	0.038	11/02/21 11:02	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	10/26/21 09:04	
40235717008	SB-4 (10-12)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.9	10/26/21 18:53	
EPA 6010D	Barium	65.3	mg/kg	0.57	10/26/21 18:53	
EPA 6010D	Cadmium	0.22J	mg/kg	0.57	10/26/21 18:53	
EPA 6010D	Chromium	16.5	mg/kg	1.1	10/26/21 18:53	
EPA 6010D	Lead	8.4	mg/kg	2.3	10/26/21 18:53	
EPA 8260	Trichloroethene	14.6	mg/kg	0.16	10/28/21 10:36	
EPA 8260	Trichloroethene	0.15	mg/L	0.020	11/10/21 22:07	H2
ASTM D2974-87	Percent Moisture	12.7	%	0.10	10/26/21 09:05	
40235717009	SB-5 (8-10)					
EPA 6010D	Arsenic	3.1	mg/kg	2.9	10/26/21 18:56	
EPA 6010D	Barium	64.8	mg/kg	0.58	10/26/21 18:56	
EPA 6010D	Cadmium	0.21J	mg/kg	0.58	10/26/21 18:56	
EPA 6010D	Chromium	16.8	mg/kg	1.2	10/26/21 18:56	
EPA 6010D	Lead	6.6	mg/kg	2.3	10/26/21 18:56	
ASTM D2974-87	Percent Moisture	16.3	%	0.10	10/26/21 09:05	
40235717010	SB-5 (10-12)					
EPA 6010D	Arsenic	6.7	mg/kg	3.0	10/26/21 18:58	
EPA 6010D	Barium	89.1	mg/kg	0.60	10/26/21 18:58	
EPA 6010D	Cadmium	0.20J	mg/kg	0.60	10/26/21 18:58	
EPA 6010D	Chromium	15.3	mg/kg	1.2	10/26/21 18:58	
EPA 6010D	Lead	7.4	mg/kg	2.4	10/26/21 18:58	
EPA 8270E	Benzo(a)anthracene	0.047J	mg/kg	0.11	10/29/21 17:15	
EPA 8270E	Benzo(a)pyrene	0.040J	mg/kg	0.10	10/29/21 17:15	
EPA 8270E	Benzo(b)fluoranthene	0.043J	mg/kg	0.12	10/29/21 17:15	
EPA 8270E	Chrysene	0.052J	mg/kg	0.10	10/29/21 17:15	
EPA 8270E	Fluoranthene	0.11	mg/kg	0.096	10/29/21 17:15	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717010	SB-5 (10-12)					
EPA 8270E	Pyrene	0.11J	mg/kg	0.15	10/29/21 17:15	
EPA 8260	Trichloroethene	0.080	mg/kg	0.072	10/28/21 00:27	
ASTM D2974-87	Percent Moisture	18.0	%	0.10	10/26/21 09:05	
40235717011	SB-6 (0-5)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.6	10/26/21 19:01	
EPA 6010D	Barium	28.2	mg/kg	0.52	10/26/21 19:01	
EPA 6010D	Cadmium	0.24J	mg/kg	0.52	10/26/21 19:01	
EPA 6010D	Chromium	9.6	mg/kg	1.0	10/26/21 19:01	
EPA 6010D	Lead	6.3	mg/kg	2.1	10/26/21 19:01	
EPA 8270E	Fluoranthene	0.033J	mg/kg	0.088	10/29/21 17:36	
EPA 8270E	Phenanthrene	0.032J	mg/kg	0.080	10/29/21 17:36	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	10/26/21 09:05	
40235717012	SB-6 (7-10)					
EPA 6010D	Arsenic	2.2J	mg/kg	2.7	10/26/21 19:03	
EPA 6010D	Barium	35.1	mg/kg	0.54	10/26/21 19:03	
EPA 6010D	Cadmium	0.24J	mg/kg	0.54	10/26/21 19:03	
EPA 6010D	Chromium	10	mg/kg	1.1	10/26/21 19:03	
EPA 6010D	Lead	5.7	mg/kg	2.2	10/26/21 19:03	
ASTM D2974-87	Percent Moisture	13.2	%	0.10	10/26/21 09:05	
40235717013	SB-7 (4-6)					
EPA 6010D	Arsenic	2.0J	mg/kg	2.8	10/26/21 19:06	
EPA 6010D	Barium	33.4	mg/kg	0.55	10/26/21 19:06	
EPA 6010D	Cadmium	0.18J	mg/kg	0.55	10/26/21 19:06	
EPA 6010D	Chromium	9.8	mg/kg	1.1	10/26/21 19:06	
EPA 6010D	Lead	4.8	mg/kg	2.2	10/26/21 19:06	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	10/26/21 09:05	
40235717014	SB-7 (6-8)					
EPA 6010D	Arsenic	2.3J	mg/kg	2.7	10/26/21 19:08	
EPA 6010D	Barium	29.3	mg/kg	0.55	10/26/21 19:08	
EPA 6010D	Cadmium	0.19J	mg/kg	0.55	10/26/21 19:08	
EPA 6010D	Chromium	8.8	mg/kg	1.1	10/26/21 19:08	
EPA 6010D	Lead	4.5	mg/kg	2.2	10/26/21 19:08	
ASTM D2974-87	Percent Moisture	11.3	%	0.10	10/26/21 09:05	
40235717015	SB-8 (0-5)					
EPA 6010D	Barium	45.5	mg/kg	0.52	10/26/21 19:11	
EPA 6010D	Cadmium	0.23J	mg/kg	0.52	10/26/21 19:11	
EPA 6010D	Chromium	13.5	mg/kg	1.0	10/26/21 19:11	
EPA 6010D	Lead	4.7	mg/kg	2.1	10/26/21 19:11	
ASTM D2974-87	Percent Moisture	11.8	%	0.10	10/26/21 09:05	
40235717016	SB-8 (8-10)					
EPA 6010D	Arsenic	3.0	mg/kg	2.7	10/26/21 19:13	
EPA 6010D	Barium	49.3	mg/kg	0.55	10/26/21 19:13	
EPA 6010D	Cadmium	0.24J	mg/kg	0.55	10/26/21 19:13	
EPA 6010D	Chromium	14.1	mg/kg	1.1	10/26/21 19:13	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717016	SB-8 (8-10)					
EPA 6010D	Lead	5.8	mg/kg	2.2	10/26/21 19:13	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	10/26/21 09:05	
40235717017	SB-9 (2-4)					
WI MOD DRO	Diesel Range Organics	2.1J	mg/kg	4.4	11/01/21 06:59	
EPA 6010D	Arsenic	3.2	mg/kg	3.0	10/26/21 19:16	
EPA 6010D	Barium	80.7	mg/kg	0.60	10/26/21 19:16	
EPA 6010D	Cadmium	0.29J	mg/kg	0.60	10/26/21 19:16	
EPA 6010D	Chromium	19.9	mg/kg	1.2	10/26/21 19:16	
EPA 6010D	Lead	6.3	mg/kg	2.4	10/26/21 19:16	
ASTM D2974-87	Percent Moisture	17.1	%	0.10	10/26/21 09:05	
40235717018	SB-9 (7-9)					
WI MOD DRO	Diesel Range Organics	22.4	mg/kg	4.2	11/01/21 07:08	DC
EPA 6010D	Arsenic	2.5J	mg/kg	2.9	10/26/21 19:23	
EPA 6010D	Barium	35.1	mg/kg	0.58	10/26/21 19:23	
EPA 6010D	Chromium	11.4	mg/kg	1.2	10/26/21 19:23	
EPA 6010D	Lead	5.1	mg/kg	2.3	10/26/21 19:23	
EPA 8270E	Benzo(a)anthracene	0.042J	mg/kg	0.10	11/02/21 19:25	
EPA 8270E	Benzo(a)pyrene	0.044J	mg/kg	0.097	11/02/21 19:25	
EPA 8270E	Benzo(b)fluoranthene	0.041J	mg/kg	0.11	11/02/21 19:25	
EPA 8270E	Benzo(g,h,i)perylene	0.068J	mg/kg	0.17	11/02/21 19:25	
EPA 8270E	Benzo(k)fluoranthene	0.083J	mg/kg	0.16	11/02/21 19:25	
EPA 8270E	Chrysene	0.067J	mg/kg	0.097	11/02/21 19:25	
EPA 8270E	Fluoranthene	0.13	mg/kg	0.092	11/02/21 19:25	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.061J	mg/kg	0.14	11/02/21 19:25	
EPA 8270E	Naphthalene	0.078J	mg/kg	0.23	11/02/21 19:25	
EPA 8270E	Phenanthrene	0.079J	mg/kg	0.083	11/02/21 19:25	
EPA 8270E	Pyrene	0.13J	mg/kg	0.14	11/02/21 19:25	
EPA 8260	n-Butylbenzene	0.33	mg/kg	0.066	10/28/21 03:02	
EPA 8260	sec-Butylbenzene	0.29	mg/kg	0.066	10/28/21 03:02	
EPA 8260	tert-Butylbenzene	0.12	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Ethylbenzene	0.045J	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Isopropylbenzene (Cumene)	0.17	mg/kg	0.066	10/28/21 03:02	
EPA 8260	p-Isopropyltoluene	0.31	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Naphthalene	0.56	mg/kg	0.33	10/28/21 03:02	
EPA 8260	n-Propylbenzene	0.28	mg/kg	0.066	10/28/21 03:02	
EPA 8260	Trichloroethene	0.33	mg/kg	0.066	10/28/21 03:02	
EPA 8260	1,2,4-Trimethylbenzene	2.7	mg/kg	0.066	10/28/21 03:02	
EPA 8260	1,3,5-Trimethylbenzene	1.1	mg/kg	0.066	10/28/21 03:02	
EPA 8260	m&p-Xylene	0.065J	mg/kg	0.13	10/28/21 03:02	
EPA 8260	o-Xylene	0.022J	mg/kg	0.066	10/28/21 03:02	
ASTM D2974-87	Percent Moisture	14.1	%	0.10	10/26/21 09:05	
40235717019	SB-10 (4-6)					
WI MOD DRO	Diesel Range Organics	1110	mg/kg	99.8	11/01/21 08:47	DC
EPA 6010D	Arsenic	3.0	mg/kg	2.7	10/26/21 19:26	
EPA 6010D	Barium	33.7	mg/kg	0.53	10/26/21 19:26	
EPA 6010D	Chromium	11.2	mg/kg	1.1	10/26/21 19:26	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717019	SB-10 (4-6)					
EPA 6010D	Lead	5.3	mg/kg	2.1	10/26/21 19:26	
EPA 8270E	Benzo(a)pyrene	0.30J	mg/kg	0.37	11/01/21 21:27	
EPA 8270E	Benzo(b)fluoranthene	0.21J	mg/kg	0.43	11/01/21 21:27	
EPA 8270E	Benzo(g,h,i)perylene	0.48J	mg/kg	0.65	11/01/21 21:27	
EPA 8270E	Benzo(k)fluoranthene	0.19J	mg/kg	0.59	11/01/21 21:27	
EPA 8270E	Dibenz(a,h)anthracene	0.51J	mg/kg	0.67	11/01/21 21:27	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.60	mg/kg	0.54	11/01/21 21:27	
EPA 8260	n-Butylbenzene	0.23	mg/kg	0.062	10/28/21 03:41	
EPA 8260	sec-Butylbenzene	0.10	mg/kg	0.062	10/28/21 03:41	
EPA 8260	Isopropylbenzene (Cumene)	0.052J	mg/kg	0.062	10/28/21 03:41	
EPA 8260	p-Isopropyltoluene	0.089	mg/kg	0.062	10/28/21 03:41	
EPA 8260	Naphthalene	0.089J	mg/kg	0.31	10/28/21 03:41	
EPA 8260	n-Propylbenzene	0.18	mg/kg	0.062	10/28/21 03:41	
EPA 8260	1,2,4-Trimethylbenzene	1.2	mg/kg	0.062	10/28/21 03:41	
EPA 8260	1,3,5-Trimethylbenzene	0.43	mg/kg	0.062	10/28/21 03:41	
EPA 8260	m&p-Xylene	0.027J	mg/kg	0.12	10/28/21 03:41	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	10/26/21 09:06	
40235717020	SB-10 (8-10)					
WI MOD DRO	Diesel Range Organics	4.3	mg/kg	4.0	11/01/21 08:38	DC
EPA 6010D	Arsenic	2.7J	mg/kg	2.7	10/26/21 19:28	
EPA 6010D	Barium	31.5	mg/kg	0.54	10/26/21 19:28	
EPA 6010D	Cadmium	0.21J	mg/kg	0.54	10/26/21 19:28	
EPA 6010D	Chromium	8.3	mg/kg	1.1	10/26/21 19:28	
EPA 6010D	Lead	7.5	mg/kg	2.2	10/26/21 19:28	
EPA 8260	sec-Butylbenzene	0.027J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	Ethylbenzene	0.021J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	Isopropylbenzene (Cumene)	0.020J	mg/kg	0.061	10/28/21 10:16	
EPA 8260	n-Propylbenzene	0.083	mg/kg	0.061	10/28/21 10:16	
EPA 8260	1,2,4-Trimethylbenzene	0.086	mg/kg	0.061	10/28/21 10:16	
ASTM D2974-87	Percent Moisture	9.6	%	0.10	10/26/21 09:06	
40235717021	SB-11 (2-4)					
EPA 6010D	Arsenic	4.3	mg/kg	3.0	10/26/21 13:59	
EPA 6010D	Barium	102	mg/kg	0.60	10/26/21 13:59	MO
EPA 6010D	Cadmium	0.35J	mg/kg	0.60	10/26/21 13:59	
EPA 6010D	Chromium	24.2	mg/kg	1.2	10/26/21 13:59	
EPA 6010D	Lead	13.1	mg/kg	2.4	10/26/21 13:59	
EPA 7471	Mercury	0.035J	mg/kg	0.042	11/03/21 10:58	
ASTM D2974-87	Percent Moisture	16.7	%	0.10	10/26/21 09:35	
40235717022	SB-11 (8-10)					
EPA 6010D	Arsenic	2.7	mg/kg	2.6	10/26/21 14:08	
EPA 6010D	Barium	36.5	mg/kg	0.53	10/26/21 14:08	
EPA 6010D	Cadmium	0.24J	mg/kg	0.53	10/26/21 14:08	
EPA 6010D	Chromium	8.4	mg/kg	1.1	10/26/21 14:08	
EPA 6010D	Lead	6.0	mg/kg	2.1	10/26/21 14:08	
EPA 8260	1,1-Dichloroethane	0.073	mg/kg	0.061	10/29/21 16:12	
EPA 8260	cis-1,2-Dichloroethene	0.020J	mg/kg	0.061	10/29/21 16:12	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717022	SB-11 (8-10)					
ASTM D2974-87	Percent Moisture	10.2	%	0.10	10/26/21 09:35	
40235717023	SB-12 (0-5)					
EPA 6010D	Arsenic	2.9	mg/kg	2.8	10/26/21 14:13	
EPA 6010D	Barium	31.0	mg/kg	0.55	10/26/21 14:13	
EPA 6010D	Cadmium	0.49J	mg/kg	0.55	10/26/21 14:13	
EPA 6010D	Chromium	38.2	mg/kg	1.1	10/26/21 14:13	
EPA 6010D	Lead	60.6	mg/kg	2.2	10/26/21 14:13	
EPA 6010D	Silver	0.37J	mg/kg	1.1	10/26/21 14:13	
EPA 8270E	Anthracene	0.083J	mg/kg	0.21	11/02/21 19:46	
EPA 8270E	Benzo(a)anthracene	0.87	mg/kg	0.20	11/02/21 19:46	
EPA 8270E	Benzo(a)pyrene	1.3	mg/kg	0.20	11/02/21 19:46	
EPA 8270E	Benzo(b)fluoranthene	2.1	mg/kg	0.22	11/02/21 19:46	
EPA 8270E	Benzo(g,h,i)perylene	1.6	mg/kg	0.34	11/02/21 19:46	
EPA 8270E	Benzo(k)fluoranthene	0.78	mg/kg	0.31	11/02/21 19:46	
EPA 8270E	Chrysene	1.4	mg/kg	0.19	11/02/21 19:46	
EPA 8270E	Dibenz(a,h)anthracene	0.24J	mg/kg	0.35	11/02/21 19:46	
EPA 8270E	Fluoranthene	2.7	mg/kg	0.18	11/02/21 19:46	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1.4	mg/kg	0.28	11/02/21 19:46	
EPA 8270E	Phenanthrene	0.99	mg/kg	0.17	11/02/21 19:46	
EPA 8270E	Pyrene	2.5	mg/kg	0.29	11/02/21 19:46	
ASTM D2974-87	Percent Moisture	14.4	%	0.10	10/26/21 09:35	
40235717024	SB-12 (15-18)					
EPA 6010D	Arsenic	1.9J	mg/kg	2.9	10/26/21 14:16	
EPA 6010D	Barium	44.0	mg/kg	0.58	10/26/21 14:16	
EPA 6010D	Cadmium	0.20J	mg/kg	0.58	10/26/21 14:16	
EPA 6010D	Chromium	26.3	mg/kg	1.2	10/26/21 14:16	
EPA 6010D	Lead	5.0	mg/kg	2.3	10/26/21 14:16	
ASTM D2974-87	Percent Moisture	15.0	%	0.10	10/26/21 09:35	
40235717025	SB-13 (5-10)					
EPA 6010D	Arsenic	6.0	mg/kg	3.1	10/26/21 14:23	
EPA 6010D	Barium	68.3	mg/kg	0.61	10/26/21 14:23	
EPA 6010D	Chromium	24.9	mg/kg	1.2	10/26/21 14:23	
EPA 6010D	Lead	12.4	mg/kg	2.4	10/26/21 14:23	
EPA 7471	Mercury	0.039J	mg/kg	0.042	11/03/21 11:16	
ASTM D2974-87	Percent Moisture	18.9	%	0.10	10/26/21 09:35	
40235717026	SB-13 (10-15)					
EPA 6010D	Arsenic	4.0	mg/kg	2.8	10/26/21 14:25	
EPA 6010D	Barium	42.6	mg/kg	0.55	10/26/21 14:25	
EPA 6010D	Cadmium	0.19J	mg/kg	0.55	10/26/21 14:25	
EPA 6010D	Chromium	13.0	mg/kg	1.1	10/26/21 14:25	
EPA 6010D	Lead	10.0	mg/kg	2.2	10/26/21 14:25	
ASTM D2974-87	Percent Moisture	14.0	%	0.10	10/26/21 09:35	
40235717027	SB-14 (0-5)					
EPA 6010D	Arsenic	2.8	mg/kg	2.7	10/26/21 14:28	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717027	SB-14 (0-5)					
EPA 6010D	Barium	34.6	mg/kg	0.54	10/26/21 14:28	
EPA 6010D	Cadmium	0.24J	mg/kg	0.54	10/26/21 14:28	
EPA 6010D	Chromium	10.5	mg/kg	1.1	10/26/21 14:28	
EPA 6010D	Lead	6.0	mg/kg	2.2	10/26/21 14:28	
ASTM D2974-87	Percent Moisture	10.4	%	0.10	10/26/21 09:35	
40235717028	SB-14 (15-20)					
EPA 6010D	Arsenic	2.0J	mg/kg	2.7	10/26/21 14:30	
EPA 6010D	Barium	38.2	mg/kg	0.53	10/26/21 14:30	
EPA 6010D	Cadmium	0.17J	mg/kg	0.53	10/26/21 14:30	
EPA 6010D	Chromium	12.1	mg/kg	1.1	10/26/21 14:30	
EPA 6010D	Lead	4.9	mg/kg	2.1	10/26/21 14:30	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	10/26/21 09:35	
40235717029	SB-3 (8-10)					
EPA 6010D	Barium	43.6	mg/kg	0.52	10/26/21 14:33	
EPA 6010D	Cadmium	0.22J	mg/kg	0.52	10/26/21 14:33	
EPA 6010D	Chromium	19.5	mg/kg	1.0	10/26/21 14:33	
EPA 6010D	Lead	6.3	mg/kg	2.1	10/26/21 14:33	
EPA 8270E	Benzo(g,h,i)perylene	0.072J	mg/kg	0.17	11/02/21 11:02	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.060J	mg/kg	0.14	11/02/21 11:02	
EPA 8260	Trichloroethene	2.5	mg/kg	0.065	10/29/21 18:29	
ASTM D2974-87	Percent Moisture	12.8	%	0.10	10/26/21 09:35	
40235717030	SB-4 (8-10)					
EPA 6010D	Arsenic	1.8J	mg/kg	2.9	10/26/21 14:36	
EPA 6010D	Barium	56.3	mg/kg	0.58	10/26/21 14:36	
EPA 6010D	Cadmium	0.31J	mg/kg	0.58	10/26/21 14:36	
EPA 6010D	Chromium	14.5	mg/kg	1.2	10/26/21 14:36	
EPA 6010D	Lead	6.5	mg/kg	2.3	10/26/21 14:36	
EPA 8260	1,1,1-Trichloroethane	0.065J	mg/kg	0.066	10/29/21 18:48	
EPA 8260	Trichloroethene	1.6	mg/kg	0.066	10/29/21 18:48	
ASTM D2974-87	Percent Moisture	13.6	%	0.10	10/26/21 09:35	
40235717031	SB-5 (12-15)					
EPA 6010D	Arsenic	4.5	mg/kg	2.6	10/26/21 14:45	
EPA 6010D	Barium	13.1	mg/kg	0.52	10/26/21 14:45	
EPA 6010D	Chromium	6.4	mg/kg	1.0	10/26/21 14:45	
EPA 6010D	Lead	5.6	mg/kg	2.1	10/26/21 14:45	
EPA 8270E	Benzo(a)pyrene	0.078J	mg/kg	0.090	11/02/21 15:35	
EPA 8270E	Benzo(b)fluoranthene	0.051J	mg/kg	0.10	11/02/21 15:35	
EPA 8270E	Benzo(g,h,i)perylene	0.087J	mg/kg	0.16	11/02/21 15:35	
EPA 8270E	Benzo(k)fluoranthene	0.050J	mg/kg	0.14	11/02/21 15:35	
EPA 8270E	Dibenz(a,h)anthracene	0.081J	mg/kg	0.16	11/02/21 15:35	
EPA 8270E	Indeno(1,2,3-cd)pyrene	0.12J	mg/kg	0.13	11/02/21 15:35	
EPA 8260	Trichloroethene	0.23	mg/kg	0.057	10/29/21 19:08	
ASTM D2974-87	Percent Moisture	6.5	%	0.10	10/26/21 09:36	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40235717032	SB-9 (9-10)					
EPA 6010D	Arsenic	2.1J	mg/kg	2.7	10/26/21 14:48	
EPA 6010D	Barium	11.4	mg/kg	0.55	10/26/21 14:48	
EPA 6010D	Cadmium	0.24J	mg/kg	0.55	10/26/21 14:48	
EPA 6010D	Chromium	5.9	mg/kg	1.1	10/26/21 14:48	
EPA 6010D	Lead	4.0	mg/kg	2.2	10/26/21 14:48	
EPA 8260	1,2,4-Trimethylbenzene	0.027J	mg/kg	0.063	11/01/21 13:28	
ASTM D2974-87	Percent Moisture	11.8	%	0.10	10/26/21 09:36	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7J	mg/kg	2.8	1.7	1	10/26/21 07:24	10/26/21 18:17	7440-38-2	
Barium	44.9	mg/kg	0.57	0.17	1	10/26/21 07:24	10/26/21 18:17	7440-39-3	M0
Cadmium	<0.15	mg/kg	0.57	0.15	1	10/26/21 07:24	10/26/21 18:17	7440-43-9	
Chromium	13.9	mg/kg	1.1	0.32	1	10/26/21 07:24	10/26/21 18:17	7440-47-3	
Lead	5.3	mg/kg	2.3	0.68	1	10/26/21 07:24	10/26/21 18:17	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:17	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:17	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.035J	mg/kg	0.039	0.011	1	11/02/21 06:43	11/02/21 10:48	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:43	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:43	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 12:43	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	11/01/21 12:43	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 12:43	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 12:43	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:43	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 12:43	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 12:43	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 12:43	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	11/01/21 12:43	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 12:43	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	10/28/21 12:41	11/01/21 12:43	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:43	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 12:43	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:43	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:43	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	11/01/21 12:43	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:43	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	94	%	40-96		1	10/28/21 12:41	11/01/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	85	%	14-110		1	10/28/21 12:41	11/01/21 12:43	321-60-8	
Terphenyl-d14 (S)	94	%	10-121		1	10/28/21 12:41	11/01/21 12:43	1718-51-0	
Phenol-d6 (S)	85	%	14-104		1	10/28/21 12:41	11/01/21 12:43	13127-88-3	
2-Fluorophenol (S)	85	%	10-112		1	10/28/21 12:41	11/01/21 12:43	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-128		1	10/28/21 12:41	11/01/21 12:43	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 21:51	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 21:51	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/26/21 08:45	10/27/21 21:51	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/27/21 21:51	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	56-23-5	
Chlorobenzene	<0.0078	mg/kg	0.065	0.0078	1	10/26/21 08:45	10/27/21 21:51	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 21:51	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 21:51	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 21:51	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 21:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/27/21 21:51	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 21:51	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/26/21 08:45	10/27/21 21:51	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.32	0.19	1	10/26/21 08:45	10/27/21 21:51	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 21:51	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 21:51	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 21:51	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 21:51	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 21:51	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-1 (2-4) **Lab ID: 40235717001** Collected: 10/21/21 08:26 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/26/21 08:45	10/27/21 21:51	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 21:51	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 21:51	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/26/21 08:45	10/27/21 21:51	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 21:51	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 21:51	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 21:51	79-00-5	
Trichloroethene	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 21:51	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/26/21 08:45	10/27/21 21:51	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 21:51	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/27/21 21:51	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 21:51	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 21:51	95-47-6	
Surrogates									
Toluene-d8 (S)	129	%	67-159		1	10/26/21 08:45	10/27/21 21:51	2037-26-5	
4-Bromofluorobenzene (S)	134	%	66-153		1	10/26/21 08:45	10/27/21 21:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	82-158		1	10/26/21 08:45	10/27/21 21:51	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	12.8	%	0.10	0.10	1	10/26/21 08:34			
------------------	------	---	------	------	---	----------------	--	--	--

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.5J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 18:31	7440-38-2	
Barium	33.4	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 18:31	7440-39-3	
Cadmium	<0.15	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 18:31	7440-43-9	
Chromium	9.6	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:31	7440-47-3	
Lead	4.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 18:31	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 18:31	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 18:31	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.016J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 10:51	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 17:58	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 17:58	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 17:58	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 17:58	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 17:58	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 17:58	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 17:58	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 17:58	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 17:58	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 17:58	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 17:58	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 17:58	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 17:58	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 17:58	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 17:58	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 17:58	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 17:58	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 17:58	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 17:58	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	10/28/21 12:41	11/01/21 17:58	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	10/28/21 12:41	11/01/21 17:58	321-60-8	
Terphenyl-d14 (S)	84	%	10-121		1	10/28/21 12:41	11/01/21 17:58	1718-51-0	
Phenol-d6 (S)	77	%	14-104		1	10/28/21 12:41	11/01/21 17:58	13127-88-3	
2-Fluorophenol (S)	77	%	10-112		1	10/28/21 12:41	11/01/21 17:58	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-128		1	10/28/21 12:41	11/01/21 17:58	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 22:10	71-43-2	
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:10	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 22:10	75-25-2	
Bromomethane	<0.090	mg/kg	0.32	0.090	1	10/26/21 08:45	10/27/21 22:10	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/27/21 22:10	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:10	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.064	0.0077	1	10/26/21 08:45	10/27/21 22:10	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (4-6) Lab ID: **40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 22:10	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 22:10	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 22:10	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 22:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:10	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/27/21 22:10	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:10	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:10	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/27/21 22:10	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 22:10	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 22:10	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:10	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:10	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 22:10	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:10	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:10	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:10	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/27/21 22:10	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 22:10	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:10	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:10	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:10	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-1 (4-6) **Lab ID: 40235717002** Collected: 10/21/21 08:30 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/27/21 22:10	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:10	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/27/21 22:10	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 22:10	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/26/21 08:45	10/27/21 22:10	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	10/26/21 08:45	10/27/21 22:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	10/26/21 08:45	10/27/21 22:10	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.2	%	0.10	0.10	1		10/26/21 08:34		

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	7.0	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:36	7440-38-2	
Barium	108	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 18:36	7440-39-3	
Cadmium	0.37J	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 18:36	7440-43-9	
Chromium	23.5	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 18:36	7440-47-3	
Lead	55.7	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 18:36	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:36	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	10/26/21 07:24	10/26/21 18:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.078	mg/kg	0.041	0.012	1	11/02/21 06:43	11/02/21 10:53	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	11/01/21 20:24	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	11/01/21 20:24	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 20:24	120-12-7	
Benzo(a)anthracene	0.035J	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 20:24	56-55-3	
Benzo(a)pyrene	0.038J	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 20:24	50-32-8	
Benzo(b)fluoranthene	0.055J	mg/kg	0.12	0.035	1	10/28/21 12:41	11/01/21 20:24	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	0.060J	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 20:24	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 20:24	207-08-9	
Chrysene	0.047J	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 20:24	218-01-9	
Dibenz(a,h)anthracene	<0.056	mg/kg	0.19	0.056	1	10/28/21 12:41	11/01/21 20:24	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	10/28/21 12:41	11/01/21 20:24	123-91-1	
Fluoranthene	0.11	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 20:24	206-44-0	
Fluorene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 20:24	86-73-7	
Indeno(1,2,3-cd)pyrene	0.055J	mg/kg	0.15	0.044	1	10/28/21 12:41	11/01/21 20:24	193-39-5	
1-Methylnaphthalene	<0.058	mg/kg	0.19	0.058	1	10/28/21 12:41	11/01/21 20:24	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	11/01/21 20:24	91-57-6	
Naphthalene	<0.072	mg/kg	0.24	0.072	1	10/28/21 12:41	11/01/21 20:24	91-20-3	
Phenanthrene	0.088	mg/kg	0.087	0.026	1	10/28/21 12:41	11/01/21 20:24	85-01-8	
Pyrene	0.095J	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 20:24	129-00-0	

Surrogates

Nitrobenzene-d5 (S)	74	%	40-96		1	10/28/21 12:41	11/01/21 20:24	4165-60-0	
2-Fluorobiphenyl (S)	68	%	14-110		1	10/28/21 12:41	11/01/21 20:24	321-60-8	
Terphenyl-d14 (S)	70	%	10-121		1	10/28/21 12:41	11/01/21 20:24	1718-51-0	
Phenol-d6 (S)	62	%	14-104		1	10/28/21 12:41	11/01/21 20:24	13127-88-3	
2-Fluorophenol (S)	60	%	10-112		1	10/28/21 12:41	11/01/21 20:24	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-128		1	10/28/21 12:41	11/01/21 20:24	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.029	0.017	1	10/26/21 08:45	10/27/21 21:31	71-43-2	
Bromobenzene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	75-27-4	
Bromoform	<0.32	mg/kg	0.36	0.32	1	10/26/21 08:45	10/27/21 21:31	75-25-2	
Bromomethane	<0.10	mg/kg	0.36	0.10	1	10/26/21 08:45	10/27/21 21:31	74-83-9	
n-Butylbenzene	<0.033	mg/kg	0.073	0.033	1	10/26/21 08:45	10/27/21 21:31	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.073	0.023	1	10/26/21 08:45	10/27/21 21:31	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	56-23-5	
Chlorobenzene	<0.0087	mg/kg	0.073	0.0087	1	10/26/21 08:45	10/27/21 21:31	108-90-7	
Chloroethane	<0.031	mg/kg	0.36	0.031	1	10/26/21 08:45	10/27/21 21:31	75-00-3	
Chloroform	<0.052	mg/kg	0.36	0.052	1	10/26/21 08:45	10/27/21 21:31	67-66-3	
Chloromethane	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	74-87-3	
2-Chlorotoluene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	95-49-8	
4-Chlorotoluene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	106-43-4	
1,2-Dibromo-3-chloropropane	<0.056	mg/kg	0.36	0.056	1	10/26/21 08:45	10/27/21 21:31	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.36	0.25	1	10/26/21 08:45	10/27/21 21:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	106-93-4	
Dibromomethane	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) **Lab ID: 40235717003** Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	106-46-7	
Dichlorodifluoromethane	<0.031	mg/kg	0.073	0.031	1	10/26/21 08:45	10/27/21 21:31	75-71-8	
1,1-Dichloroethane	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	75-35-4	
cis-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.073	0.016	1	10/26/21 08:45	10/27/21 21:31	142-28-9	
2,2-Dichloropropane	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	594-20-7	
1,1-Dichloropropene	<0.024	mg/kg	0.073	0.024	1	10/26/21 08:45	10/27/21 21:31	563-58-6	
cis-1,3-Dichloropropene	<0.048	mg/kg	0.36	0.048	1	10/26/21 08:45	10/27/21 21:31	10061-01-5	
trans-1,3-Dichloropropene	<0.21	mg/kg	0.36	0.21	1	10/26/21 08:45	10/27/21 21:31	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.36	0.14	1	10/26/21 08:45	10/27/21 21:31	87-68-3	
Isopropylbenzene (Cumene)	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.073	0.020	1	10/26/21 08:45	10/27/21 21:31	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	1634-04-4	
Naphthalene	<0.023	mg/kg	0.36	0.023	1	10/26/21 08:45	10/27/21 21:31	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	103-65-1	
Styrene	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.073	0.017	1	10/26/21 08:45	10/27/21 21:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.073	0.026	1	10/26/21 08:45	10/27/21 21:31	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.073	0.028	1	10/26/21 08:45	10/27/21 21:31	127-18-4	
Toluene	<0.018	mg/kg	0.073	0.018	1	10/26/21 08:45	10/27/21 21:31	108-88-3	
1,2,3-Trichlorobenzene	<0.081	mg/kg	0.36	0.081	1	10/26/21 08:45	10/27/21 21:31	87-61-6	
1,2,4-Trichlorobenzene	<0.060	mg/kg	0.36	0.060	1	10/26/21 08:45	10/27/21 21:31	120-82-1	
1,1,1-Trichloroethane	<0.019	mg/kg	0.073	0.019	1	10/26/21 08:45	10/27/21 21:31	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.073	0.026	1	10/26/21 08:45	10/27/21 21:31	79-00-5	
Trichloroethene	<0.027	mg/kg	0.073	0.027	1	10/26/21 08:45	10/27/21 21:31	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.073	0.021	1	10/26/21 08:45	10/27/21 21:31	75-69-4	
1,2,3-Trichloropropane	<0.035	mg/kg	0.073	0.035	1	10/26/21 08:45	10/27/21 21:31	96-18-4	
1,2,4-Trimethylbenzene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.073	0.023	1	10/26/21 08:45	10/27/21 21:31	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.073	0.015	1	10/26/21 08:45	10/27/21 21:31	75-01-4	
m&p-Xylene	<0.031	mg/kg	0.15	0.031	1	10/26/21 08:45	10/27/21 21:31	179601-23-1	
o-Xylene	<0.022	mg/kg	0.073	0.022	1	10/26/21 08:45	10/27/21 21:31	95-47-6	
Surrogates									
Toluene-d8 (S)	131	%	67-159		1	10/26/21 08:45	10/27/21 21:31	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/26/21 08:45	10/27/21 21:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	129	%	82-158		1	10/26/21 08:45	10/27/21 21:31	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-2 (0-2) Lab ID: 40235717003 Collected: 10/21/21 09:12 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.4	%	0.10	0.10	1		10/26/21 09:04		

Sample: SB-2 (4-6) Lab ID: 40235717004 Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	24.5	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 18:39	7440-38-2	
Barium	59.6	mg/kg	0.56	0.17	1	10/26/21 07:24	10/26/21 18:39	7440-39-3	
Cadmium	0.34J	mg/kg	0.56	0.15	1	10/26/21 07:24	10/26/21 18:39	7440-43-9	
Chromium	15.2	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:39	7440-47-3	
Lead	6.7	mg/kg	2.2	0.67	1	10/26/21 07:24	10/26/21 18:39	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	10/26/21 07:24	10/26/21 18:39	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 18:39	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	0.018J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 10:55	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 15:10	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 15:10	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 15:10	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 15:10	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	11/01/21 15:10	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 15:10	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 15:10	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 15:10	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 15:10	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 15:10	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 15:10	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	11/01/21 15:10	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 15:10	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 15:10	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 15:10	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 15:10	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 15:10	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 15:10	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 15:10	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-2 (4-6) **Lab ID: 40235717004** Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	84	%	40-96		1	10/28/21 12:41	11/01/21 15:10	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	11/01/21 15:10	321-60-8	
Terphenyl-d14 (S)	87	%	10-121		1	10/28/21 12:41	11/01/21 15:10	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	10/28/21 12:41	11/01/21 15:10	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 15:10	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	10/28/21 12:41	11/01/21 15:10	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/27/21 22:30	71-43-2	
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:30	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 22:30	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/27/21 22:30	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/27/21 22:30	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:30	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.064	0.0076	1	10/26/21 08:45	10/27/21 22:30	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 22:30	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 22:30	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/27/21 22:30	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 22:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/27/21 22:30	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/27/21 22:30	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/27/21 22:30	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/27/21 22:30	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-2 (4-6) **Lab ID: 40235717004** Collected: 10/21/21 09:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 22:30	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 22:30	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/27/21 22:30	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:30	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 22:30	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/27/21 22:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:30	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/27/21 22:30	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/27/21 22:30	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/27/21 22:30	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/27/21 22:30	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/27/21 22:30	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/27/21 22:30	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/27/21 22:30	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/27/21 22:30	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/27/21 22:30	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/27/21 22:30	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 22:30	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/27/21 22:30	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	67-159		1	10/26/21 08:45	10/27/21 22:30	2037-26-5	
4-Bromofluorobenzene (S)	132	%	66-153		1	10/26/21 08:45	10/27/21 22:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	82-158		1	10/26/21 08:45	10/27/21 22:30	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.0	%	0.10	0.10	1		10/26/21 09:04		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.6J	mg/kg	2.6	1.6	1	10/26/21 07:24	10/26/21 18:41	7440-38-2	
Barium	34.6	mg/kg	0.53	0.16	1	10/26/21 07:24	10/26/21 18:41	7440-39-3	
Cadmium	0.22J	mg/kg	0.53	0.14	1	10/26/21 07:24	10/26/21 18:41	7440-43-9	
Chromium	11.5	mg/kg	1.1	0.29	1	10/26/21 07:24	10/26/21 18:41	7440-47-3	
Lead	5.1	mg/kg	2.1	0.63	1	10/26/21 07:24	10/26/21 18:41	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 18:41	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 18:41	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.014J	mg/kg	0.036	0.010	1	11/02/21 06:43	11/02/21 10:58	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.20	mg/kg	0.66	0.20	3	10/28/21 12:41	10/29/21 19:21	83-32-9	
Acenaphthylene	<0.20	mg/kg	0.67	0.20	3	10/28/21 12:41	10/29/21 19:21	208-96-8	
Anthracene	<0.089	mg/kg	0.30	0.089	3	10/28/21 12:41	10/29/21 19:21	120-12-7	
Benzo(a)anthracene	<0.087	mg/kg	0.29	0.087	3	10/28/21 12:41	10/29/21 19:21	56-55-3	
Benzo(a)pyrene	<0.084	mg/kg	0.28	0.084	3	10/28/21 12:41	10/29/21 19:21	50-32-8	
Benzo(b)fluoranthene	<0.096	mg/kg	0.32	0.096	3	10/28/21 12:41	10/29/21 19:21	205-99-2	
Benzo(g,h,i)perylene	<0.15	mg/kg	0.49	0.15	3	10/28/21 12:41	10/29/21 19:21	191-24-2	
Benzo(k)fluoranthene	<0.13	mg/kg	0.45	0.13	3	10/28/21 12:41	10/29/21 19:21	207-08-9	
Chrysene	<0.084	mg/kg	0.28	0.084	3	10/28/21 12:41	10/29/21 19:21	218-01-9	
Dibenz(a,h)anthracene	<0.15	mg/kg	0.51	0.15	3	10/28/21 12:41	10/29/21 19:21	53-70-3	R1
1,4-Dioxane (p-Dioxane)	<0.30	mg/kg	1.0	0.30	3	10/28/21 12:41	10/29/21 19:21	123-91-1	
Fluoranthene	<0.079	mg/kg	0.26	0.079	3	10/28/21 12:41	10/29/21 19:21	206-44-0	
Fluorene	<0.065	mg/kg	0.22	0.065	3	10/28/21 12:41	10/29/21 19:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.12	mg/kg	0.40	0.12	3	10/28/21 12:41	10/29/21 19:21	193-39-5	R1
1-Methylnaphthalene	<0.16	mg/kg	0.53	0.16	3	10/28/21 12:41	10/29/21 19:21	90-12-0	
2-Methylnaphthalene	<0.15	mg/kg	0.48	0.15	3	10/28/21 12:41	10/29/21 19:21	91-57-6	
Naphthalene	<0.20	mg/kg	0.65	0.20	3	10/28/21 12:41	10/29/21 19:21	91-20-3	
Phenanthrene	<0.072	mg/kg	0.24	0.072	3	10/28/21 12:41	10/29/21 19:21	85-01-8	
Pyrene	<0.12	mg/kg	0.41	0.12	3	10/28/21 12:41	10/29/21 19:21	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	40	%	40-96		3	10/28/21 12:41	10/29/21 19:21	4165-60-0	
2-Fluorobiphenyl (S)	49	%	14-110		3	10/28/21 12:41	10/29/21 19:21	321-60-8	
Terphenyl-d14 (S)	69	%	10-121		3	10/28/21 12:41	10/29/21 19:21	1718-51-0	
Phenol-d6 (S)	41	%	14-104		3	10/28/21 12:41	10/29/21 19:21	13127-88-3	
2-Fluorophenol (S)	39	%	10-112		3	10/28/21 12:41	10/29/21 19:21	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-128		3	10/28/21 12:41	10/29/21 19:21	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/27/21 22:49	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/27/21 22:49	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/27/21 22:49	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/26/21 08:45	10/27/21 22:49	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.062	0.028	1	10/26/21 08:45	10/27/21 22:49	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/27/21 22:49	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/26/21 08:45	10/27/21 22:49	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/27/21 22:49	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/26/21 08:45	10/27/21 22:49	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/27/21 22:49	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/27/21 22:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/26/21 08:45	10/27/21 22:49	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/27/21 22:49	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/27/21 22:49	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/27/21 22:49	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/27/21 22:49	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/27/21 22:49	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/27/21 22:49	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/27/21 22:49	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/27/21 22:49	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (2-4) **Lab ID: 40235717005** Collected: 10/21/21 09:57 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/27/21 22:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/27/21 22:49	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/27/21 22:49	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/27/21 22:49	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/27/21 22:49	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/27/21 22:49	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/27/21 22:49	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/27/21 22:49	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/27/21 22:49	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/27/21 22:49	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/26/21 08:45	10/27/21 22:49	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/27/21 22:49	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/27/21 22:49	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/26/21 08:45	10/27/21 22:49	2037-26-5	
4-Bromofluorobenzene (S)	125	%	66-153		1	10/26/21 08:45	10/27/21 22:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	82-158		1	10/26/21 08:45	10/27/21 22:49	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **10.4** % 0.10 0.10 1 10/26/21 09:04

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 18:44	7440-38-2	
Barium	10.5	mg/kg	0.52	0.15	1	10/26/21 07:24	10/26/21 18:44	7440-39-3	
Cadmium	0.18J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 18:44	7440-43-9	
Chromium	6.6	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 18:44	7440-47-3	
Lead	4.0	mg/kg	2.1	0.62	1	10/26/21 07:24	10/26/21 18:44	7439-92-1	
Selenium	<1.4	mg/kg	4.1	1.4	1	10/26/21 07:24	10/26/21 18:44	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 18:44	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.012J	mg/kg	0.035	0.010	1	11/02/21 06:43	11/02/21 11:00	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	10/29/21 15:50	83-32-9	
Acenaphthylene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	10/29/21 15:50	208-96-8	
Anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 15:50	120-12-7	
Benzo(a)anthracene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 15:50	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.092	0.028	1	10/28/21 12:41	10/29/21 15:50	50-32-8	
Benzo(b)fluoranthene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 15:50	205-99-2	
Benzo(g,h,i)perylene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 15:50	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 15:50	207-08-9	
Chrysene	<0.027	mg/kg	0.091	0.027	1	10/28/21 12:41	10/29/21 15:50	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 15:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.099	mg/kg	0.33	0.099	1	10/28/21 12:41	10/29/21 15:50	123-91-1	
Fluoranthene	<0.026	mg/kg	0.086	0.026	1	10/28/21 12:41	10/29/21 15:50	206-44-0	
Fluorene	<0.021	mg/kg	0.071	0.021	1	10/28/21 12:41	10/29/21 15:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	10/28/21 12:41	10/29/21 15:50	193-39-5	
1-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 15:50	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 15:50	91-57-6	
Naphthalene	<0.064	mg/kg	0.21	0.064	1	10/28/21 12:41	10/29/21 15:50	91-20-3	
Phenanthrene	<0.023	mg/kg	0.078	0.023	1	10/28/21 12:41	10/29/21 15:50	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 15:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	64	%	40-96		1	10/28/21 12:41	10/29/21 15:50	4165-60-0	
2-Fluorobiphenyl (S)	76	%	14-110		1	10/28/21 12:41	10/29/21 15:50	321-60-8	
Terphenyl-d14 (S)	106	%	10-121		1	10/28/21 12:41	10/29/21 15:50	1718-51-0	
Phenol-d6 (S)	67	%	14-104		1	10/28/21 12:41	10/29/21 15:50	13127-88-3	
2-Fluorophenol (S)	65	%	10-112		1	10/28/21 12:41	10/29/21 15:50	367-12-4	
2,4,6-Tribromophenol (S)	100	%	10-128		1	10/28/21 12:41	10/29/21 15:50	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.014	mg/kg	0.024	0.014	1	10/26/21 08:45	10/27/21 23:09	71-43-2	
Bromobenzene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	108-86-1	
Bromochloromethane	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	75-27-4	
Bromoform	<0.26	mg/kg	0.30	0.26	1	10/26/21 08:45	10/27/21 23:09	75-25-2	
Bromomethane	<0.084	mg/kg	0.30	0.084	1	10/26/21 08:45	10/27/21 23:09	74-83-9	
n-Butylbenzene	<0.027	mg/kg	0.060	0.027	1	10/26/21 08:45	10/27/21 23:09	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	56-23-5	
Chlorobenzene	<0.0071	mg/kg	0.060	0.0071	1	10/26/21 08:45	10/27/21 23:09	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (10-12) **Lab ID: 40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.025	mg/kg	0.30	0.025	1	10/26/21 08:45	10/27/21 23:09	75-00-3	
Chloroform	<0.043	mg/kg	0.30	0.043	1	10/26/21 08:45	10/27/21 23:09	67-66-3	
Chloromethane	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	74-87-3	
2-Chlorotoluene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	<0.046	mg/kg	0.30	0.046	1	10/26/21 08:45	10/27/21 23:09	96-12-8	
Dibromochloromethane	<0.20	mg/kg	0.30	0.20	1	10/26/21 08:45	10/27/21 23:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	106-93-4	
Dibromomethane	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	74-95-3	
1,2-Dichlorobenzene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-50-1	
1,3-Dichlorobenzene	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	541-73-1	
1,4-Dichlorobenzene	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.060	0.026	1	10/26/21 08:45	10/27/21 23:09	75-71-8	
1,1-Dichloroethane	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.060	0.020	1	10/26/21 08:45	10/27/21 23:09	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.060	0.013	1	10/26/21 08:45	10/27/21 23:09	142-28-9	
2,2-Dichloropropane	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	594-20-7	
1,1-Dichloropropene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	563-58-6	
cis-1,3-Dichloropropene	<0.039	mg/kg	0.30	0.039	1	10/26/21 08:45	10/27/21 23:09	10061-01-5	
trans-1,3-Dichloropropene	<0.17	mg/kg	0.30	0.17	1	10/26/21 08:45	10/27/21 23:09	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	108-20-3	
Ethylbenzene	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.30	0.12	1	10/26/21 08:45	10/27/21 23:09	87-68-3	
Isopropylbenzene (Cumene)	<0.016	mg/kg	0.060	0.016	1	10/26/21 08:45	10/27/21 23:09	98-82-8	
p-Isopropyltoluene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.060	0.017	1	10/26/21 08:45	10/27/21 23:09	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	1634-04-4	
Naphthalene	<0.019	mg/kg	0.30	0.019	1	10/26/21 08:45	10/27/21 23:09	91-20-3	
n-Propylbenzene	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	103-65-1	
Styrene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.014	mg/kg	0.060	0.014	1	10/26/21 08:45	10/27/21 23:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-34-5	
Tetrachloroethene	<0.023	mg/kg	0.060	0.023	1	10/26/21 08:45	10/27/21 23:09	127-18-4	
Toluene	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	108-88-3	
1,2,3-Trichlorobenzene	<0.066	mg/kg	0.30	0.066	1	10/26/21 08:45	10/27/21 23:09	87-61-6	
1,2,4-Trichlorobenzene	<0.049	mg/kg	0.30	0.049	1	10/26/21 08:45	10/27/21 23:09	120-82-1	
1,1,1-Trichloroethane	<0.015	mg/kg	0.060	0.015	1	10/26/21 08:45	10/27/21 23:09	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-00-5	
Trichloroethene	1.0	mg/kg	0.060	0.022	1	10/26/21 08:45	10/27/21 23:09	79-01-6	
Trichlorofluoromethane	<0.017	mg/kg	0.060	0.017	1	10/26/21 08:45	10/27/21 23:09	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: **SB-3 (10-12)** Lab ID: **40235717006** Collected: 10/21/21 10:05 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.029	mg/kg	0.060	0.029	1	10/26/21 08:45	10/27/21 23:09	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-63-6	
1,3,5-Trimethylbenzene	<0.019	mg/kg	0.060	0.019	1	10/26/21 08:45	10/27/21 23:09	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.060	0.012	1	10/26/21 08:45	10/27/21 23:09	75-01-4	
m&p-Xylene	<0.025	mg/kg	0.12	0.025	1	10/26/21 08:45	10/27/21 23:09	179601-23-1	
o-Xylene	<0.018	mg/kg	0.060	0.018	1	10/26/21 08:45	10/27/21 23:09	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	67-159		1	10/26/21 08:45	10/27/21 23:09	2037-26-5	
4-Bromofluorobenzene (S)	112	%	66-153		1	10/26/21 08:45	10/27/21 23:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	10/26/21 08:45	10/27/21 23:09	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	8.8	%	0.10	0.10	1		10/26/21 09:04		

Sample: **SB-4 (6-8)** Lab ID: **40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.1	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 18:46	7440-38-2	
Barium	55.0	mg/kg	0.56	0.17	1	10/26/21 07:24	10/26/21 18:46	7440-39-3	
Cadmium	0.22J	mg/kg	0.56	0.15	1	10/26/21 07:24	10/26/21 18:46	7440-43-9	
Chromium	12.4	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 18:46	7440-47-3	
Lead	5.3	mg/kg	2.3	0.67	1	10/26/21 07:24	10/26/21 18:46	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	10/26/21 07:24	10/26/21 18:46	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:46	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.014J	mg/kg	0.038	0.011	1	11/02/21 06:43	11/02/21 11:02	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	10/29/21 15:29	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	10/29/21 15:29	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 15:29	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 15:29	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	10/29/21 15:29	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 15:29	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (6-8) **Lab ID: 40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 15:29	191-24-2	
Benzo(k)fluoranthene	<0.047	mg/kg	0.16	0.047	1	10/28/21 12:41	10/29/21 15:29	207-08-9	
Chrysene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 15:29	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 15:29	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	10/28/21 12:41	10/29/21 15:29	123-91-1	
Fluoranthene	<0.028	mg/kg	0.092	0.028	1	10/28/21 12:41	10/29/21 15:29	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	10/28/21 12:41	10/29/21 15:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 15:29	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	10/29/21 15:29	90-12-0	
2-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 15:29	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 15:29	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	10/28/21 12:41	10/29/21 15:29	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	10/29/21 15:29	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%	40-96		1	10/28/21 12:41	10/29/21 15:29	4165-60-0	
2-Fluorobiphenyl (S)	78	%	14-110		1	10/28/21 12:41	10/29/21 15:29	321-60-8	
Terphenyl-d14 (S)	94	%	10-121		1	10/28/21 12:41	10/29/21 15:29	1718-51-0	
Phenol-d6 (S)	71	%	14-104		1	10/28/21 12:41	10/29/21 15:29	13127-88-3	
2-Fluorophenol (S)	71	%	10-112		1	10/28/21 12:41	10/29/21 15:29	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-128		1	10/28/21 12:41	10/29/21 15:29	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.027	0.016	1	10/26/21 08:45	10/27/21 23:28	71-43-2	
Bromobenzene	<0.026	mg/kg	0.067	0.026	1	10/26/21 08:45	10/27/21 23:28	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/27/21 23:28	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/26/21 08:45	10/27/21 23:28	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.067	0.031	1	10/26/21 08:45	10/27/21 23:28	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.067	0.0080	1	10/26/21 08:45	10/27/21 23:28	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/27/21 23:28	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/26/21 08:45	10/27/21 23:28	67-66-3	
Chloromethane	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/26/21 08:45	10/27/21 23:28	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/26/21 08:45	10/27/21 23:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	106-93-4	
Dibromomethane	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (6-8) **Lab ID: 40235717007** Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.067	0.029	1	10/26/21 08:45	10/27/21 23:28	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/26/21 08:45	10/27/21 23:28	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/26/21 08:45	10/27/21 23:28	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.067	0.015	1	10/26/21 08:45	10/27/21 23:28	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.067	0.022	1	10/26/21 08:45	10/27/21 23:28	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/26/21 08:45	10/27/21 23:28	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/27/21 23:28	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/27/21 23:28	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.067	0.018	1	10/26/21 08:45	10/27/21 23:28	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.067	0.019	1	10/26/21 08:45	10/27/21 23:28	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/26/21 08:45	10/27/21 23:28	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	103-65-1	
Styrene	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.067	0.016	1	10/26/21 08:45	10/27/21 23:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.067	0.024	1	10/26/21 08:45	10/27/21 23:28	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.067	0.026	1	10/26/21 08:45	10/27/21 23:28	127-18-4	
Toluene	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/26/21 08:45	10/27/21 23:28	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/26/21 08:45	10/27/21 23:28	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.067	0.017	1	10/26/21 08:45	10/27/21 23:28	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.067	0.024	1	10/26/21 08:45	10/27/21 23:28	79-00-5	
Trichloroethene	<0.025	mg/kg	0.067	0.025	1	10/26/21 08:45	10/27/21 23:28	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.067	0.019	1	10/26/21 08:45	10/27/21 23:28	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.067	0.032	1	10/26/21 08:45	10/27/21 23:28	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.067	0.021	1	10/26/21 08:45	10/27/21 23:28	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.067	0.013	1	10/26/21 08:45	10/27/21 23:28	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/26/21 08:45	10/27/21 23:28	179601-23-1	
o-Xylene	<0.020	mg/kg	0.067	0.020	1	10/26/21 08:45	10/27/21 23:28	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	67-159		1	10/26/21 08:45	10/27/21 23:28	2037-26-5	
4-Bromofluorobenzene (S)	117	%	66-153		1	10/26/21 08:45	10/27/21 23:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/26/21 08:45	10/27/21 23:28	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (6-8) Lab ID: 40235717007 Collected: 10/21/21 10:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.3	%	0.10	0.10	1		10/26/21 09:04		

Sample: SB-4 (10-12) Lab ID: 40235717008 Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:53	7440-38-2	
Barium	65.3	mg/kg	0.57	0.17	1	10/26/21 07:24	10/26/21 18:53	7440-39-3	
Cadmium	0.22J	mg/kg	0.57	0.15	1	10/26/21 07:24	10/26/21 18:53	7440-43-9	
Chromium	16.5	mg/kg	1.1	0.32	1	10/26/21 07:24	10/26/21 18:53	7440-47-3	
Lead	8.4	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 18:53	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 18:53	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	10/26/21 07:24	10/26/21 18:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.037	0.011	1	11/02/21 09:25	11/03/21 10:18	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 16:32	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 16:32	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 16:32	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	10/29/21 16:32	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	10/29/21 16:32	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 16:32	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 16:32	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	10/29/21 16:32	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	10/29/21 16:32	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:32	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	10/29/21 16:32	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	10/28/21 12:41	10/29/21 16:32	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	10/29/21 16:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 16:32	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 16:32	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 16:32	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 16:32	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	10/29/21 16:32	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 16:32	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (10-12) **Lab ID: 40235717008** Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	77	%	40-96		1	10/28/21 12:41	10/29/21 16:32	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	10/28/21 12:41	10/29/21 16:32	321-60-8	
Terphenyl-d14 (S)	90	%	10-121		1	10/28/21 12:41	10/29/21 16:32	1718-51-0	
Phenol-d6 (S)	70	%	14-104		1	10/28/21 12:41	10/29/21 16:32	13127-88-3	
2-Fluorophenol (S)	73	%	10-112		1	10/28/21 12:41	10/29/21 16:32	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-128		1	10/28/21 12:41	10/29/21 16:32	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.026	0.015	1	10/26/21 08:45	10/27/21 23:48	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/27/21 23:48	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/26/21 08:45	10/27/21 23:48	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/27/21 23:48	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.065	0.0077	1	10/26/21 08:45	10/27/21 23:48	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/27/21 23:48	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/27/21 23:48	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/26/21 08:45	10/27/21 23:48	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/27/21 23:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/27/21 23:48	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/27/21 23:48	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/26/21 08:45	10/27/21 23:48	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (10-12) **Lab ID: 40235717008** Collected: 10/21/21 10:42 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/27/21 23:48	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/27/21 23:48	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/27/21 23:48	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/27/21 23:48	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/27/21 23:48	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/27/21 23:48	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/26/21 08:45	10/27/21 23:48	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/27/21 23:48	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/27/21 23:48	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/26/21 08:45	10/27/21 23:48	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/26/21 08:45	10/27/21 23:48	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/27/21 23:48	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/27/21 23:48	79-00-5	
Trichloroethene	14.6	mg/kg	0.16	0.060	2.5	10/26/21 08:45	10/28/21 10:36	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/26/21 08:45	10/27/21 23:48	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/27/21 23:48	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/27/21 23:48	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/27/21 23:48	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/27/21 23:48	95-47-6	
Surrogates									
Toluene-d8 (S)	122	%	67-159		1	10/26/21 08:45	10/27/21 23:48	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/26/21 08:45	10/27/21 23:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	125	%	82-158		1	10/26/21 08:45	10/27/21 23:48	2199-69-1	
8260 MSV TCLP									
Analytical Method: EPA 8260 Leachate Method/Date: EPA 1311; 11/09/21 11:19									
Pace Analytical Services - Green Bay									
Trichloroethene	0.15	mg/L	0.020	0.0064	20		11/10/21 22:07	79-01-6	H2
Surrogates									
Toluene-d8 (S)	95	%	70-130		20		11/10/21 22:07	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		20		11/10/21 22:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		20		11/10/21 22:07	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.7	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (8-10) **Lab ID: 40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.1	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 18:56	7440-38-2	
Barium	64.8	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 18:56	7440-39-3	
Cadmium	0.21J	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 18:56	7440-43-9	
Chromium	16.8	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 18:56	7440-47-3	
Lead	6.6	mg/kg	2.3	0.70	1	10/26/21 07:24	10/26/21 18:56	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	10/26/21 07:24	10/26/21 18:56	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 07:24	10/26/21 18:56	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:21	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 16:53	83-32-9	
Acenaphthylene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 16:53	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 16:53	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 16:53	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 16:53	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	10/28/21 12:41	10/29/21 16:53	205-99-2	
Benzo(g,h,i)perylene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:53	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	10/28/21 12:41	10/29/21 16:53	207-08-9	
Chrysene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	10/29/21 16:53	218-01-9	
Dibenz(a,h)anthracene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 16:53	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	10/28/21 12:41	10/29/21 16:53	123-91-1	
Fluoranthene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 16:53	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	10/28/21 12:41	10/29/21 16:53	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	10/29/21 16:53	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	10/28/21 12:41	10/29/21 16:53	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 16:53	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	10/28/21 12:41	10/29/21 16:53	91-20-3	
Phenanthrene	<0.026	mg/kg	0.085	0.026	1	10/28/21 12:41	10/29/21 16:53	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 16:53	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	90	%	40-96		1	10/28/21 12:41	10/29/21 16:53	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	10/29/21 16:53	321-60-8	
Terphenyl-d14 (S)	99	%	10-121		1	10/28/21 12:41	10/29/21 16:53	1718-51-0	
Phenol-d6 (S)	93	%	14-104		1	10/28/21 12:41	10/29/21 16:53	13127-88-3	
2-Fluorophenol (S)	96	%	10-112		1	10/28/21 12:41	10/29/21 16:53	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-128		1	10/28/21 12:41	10/29/21 16:53	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.028	0.017	1	10/26/21 08:45	10/28/21 09:57	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-5 (8-10) **Lab ID: 40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.027	mg/kg	0.069	0.027	1	10/26/21 08:45	10/28/21 09:57	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/26/21 08:45	10/28/21 09:57	75-25-2	
Bromomethane	<0.097	mg/kg	0.35	0.097	1	10/26/21 08:45	10/28/21 09:57	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.069	0.032	1	10/26/21 08:45	10/28/21 09:57	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	56-23-5	
Chlorobenzene	<0.0083	mg/kg	0.069	0.0083	1	10/26/21 08:45	10/28/21 09:57	108-90-7	
Chloroethane	<0.029	mg/kg	0.35	0.029	1	10/26/21 08:45	10/28/21 09:57	75-00-3	
Chloroform	<0.050	mg/kg	0.35	0.050	1	10/26/21 08:45	10/28/21 09:57	67-66-3	
Chloromethane	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	95-49-8	
4-Chlorotoluene	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	106-43-4	
1,2-Dibromo-3-chloropropane	<0.054	mg/kg	0.35	0.054	1	10/26/21 08:45	10/28/21 09:57	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/26/21 08:45	10/28/21 09:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	106-93-4	
Dibromomethane	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.069	0.030	1	10/26/21 08:45	10/28/21 09:57	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.069	0.016	1	10/26/21 08:45	10/28/21 09:57	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.069	0.015	1	10/26/21 08:45	10/28/21 09:57	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.069	0.023	1	10/26/21 08:45	10/28/21 09:57	563-58-6	
cis-1,3-Dichloropropene	<0.046	mg/kg	0.35	0.046	1	10/26/21 08:45	10/28/21 09:57	10061-01-5	
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/26/21 08:45	10/28/21 09:57	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/26/21 08:45	10/28/21 09:57	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.069	0.019	1	10/26/21 08:45	10/28/21 09:57	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.069	0.020	1	10/26/21 08:45	10/28/21 09:57	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/26/21 08:45	10/28/21 09:57	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	103-65-1	
Styrene	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (8-10) **Lab ID: 40235717009** Collected: 10/21/21 11:40 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.069	0.017	1	10/26/21 08:45	10/28/21 09:57	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.069	0.025	1	10/26/21 08:45	10/28/21 09:57	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.069	0.027	1	10/26/21 08:45	10/28/21 09:57	127-18-4	
Toluene	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	108-88-3	
1,2,3-Trichlorobenzene	<0.077	mg/kg	0.35	0.077	1	10/26/21 08:45	10/28/21 09:57	87-61-6	
1,2,4-Trichlorobenzene	<0.057	mg/kg	0.35	0.057	1	10/26/21 08:45	10/28/21 09:57	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.069	0.018	1	10/26/21 08:45	10/28/21 09:57	71-55-6	
1,1,2-Trichloroethane	<0.025	mg/kg	0.069	0.025	1	10/26/21 08:45	10/28/21 09:57	79-00-5	
Trichloroethene	<0.026	mg/kg	0.069	0.026	1	10/26/21 08:45	10/28/21 09:57	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.069	0.020	1	10/26/21 08:45	10/28/21 09:57	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.069	0.034	1	10/26/21 08:45	10/28/21 09:57	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	95-63-6	
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.069	0.022	1	10/26/21 08:45	10/28/21 09:57	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.069	0.014	1	10/26/21 08:45	10/28/21 09:57	75-01-4	
m&p-Xylene	<0.029	mg/kg	0.14	0.029	1	10/26/21 08:45	10/28/21 09:57	179601-23-1	
o-Xylene	<0.021	mg/kg	0.069	0.021	1	10/26/21 08:45	10/28/21 09:57	95-47-6	
Surrogates									
Toluene-d8 (S)	133	%	67-159		1	10/26/21 08:45	10/28/21 09:57	2037-26-5	
4-Bromofluorobenzene (S)	138	%	66-153		1	10/26/21 08:45	10/28/21 09:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	134	%	82-158		1	10/26/21 08:45	10/28/21 09:57	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	16.3	%	0.10	0.10	1		10/26/21 09:05		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.7	mg/kg	3.0	1.8	1	10/26/21 07:24	10/26/21 18:58	7440-38-2	
Barium	89.1	mg/kg	0.60	0.18	1	10/26/21 07:24	10/26/21 18:58	7440-39-3	
Cadmium	0.20J	mg/kg	0.60	0.16	1	10/26/21 07:24	10/26/21 18:58	7440-43-9	
Chromium	15.3	mg/kg	1.2	0.33	1	10/26/21 07:24	10/26/21 18:58	7440-47-3	
Lead	7.4	mg/kg	2.4	0.72	1	10/26/21 07:24	10/26/21 18:58	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 07:24	10/26/21 18:58	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 07:24	10/26/21 18:58	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.041	0.012	1	11/02/21 09:25	11/03/21 10:23	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.072	mg/kg	0.24	0.072	1	10/28/21 12:41	10/29/21 17:15	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	10/28/21 12:41	10/29/21 17:15	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 17:15	120-12-7	
Benzo(a)anthracene	0.047J	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 17:15	56-55-3	
Benzo(a)pyrene	0.040J	mg/kg	0.10	0.031	1	10/28/21 12:41	10/29/21 17:15	50-32-8	
Benzo(b)fluoranthene	0.043J	mg/kg	0.12	0.035	1	10/28/21 12:41	10/29/21 17:15	205-99-2	
Benzo(g,h,i)perylene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:15	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:15	207-08-9	
Chrysene	0.052J	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 17:15	218-01-9	
Dibenz(a,h)anthracene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	10/29/21 17:15	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	10/28/21 12:41	10/29/21 17:15	123-91-1	
Fluoranthene	0.11	mg/kg	0.096	0.029	1	10/28/21 12:41	10/29/21 17:15	206-44-0	
Fluorene	<0.024	mg/kg	0.079	0.024	1	10/28/21 12:41	10/29/21 17:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.044	mg/kg	0.15	0.044	1	10/28/21 12:41	10/29/21 17:15	193-39-5	
1-Methylnaphthalene	<0.058	mg/kg	0.19	0.058	1	10/28/21 12:41	10/29/21 17:15	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:15	91-57-6	
Naphthalene	<0.071	mg/kg	0.24	0.071	1	10/28/21 12:41	10/29/21 17:15	91-20-3	
Phenanthrene	<0.026	mg/kg	0.087	0.026	1	10/28/21 12:41	10/29/21 17:15	85-01-8	
Pyrene	0.11J	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 17:15	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	10/29/21 17:15	4165-60-0	
2-Fluorobiphenyl (S)	71	%	14-110		1	10/28/21 12:41	10/29/21 17:15	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	10/28/21 12:41	10/29/21 17:15	1718-51-0	
Phenol-d6 (S)	82	%	14-104		1	10/28/21 12:41	10/29/21 17:15	13127-88-3	
2-Fluorophenol (S)	84	%	10-112		1	10/28/21 12:41	10/29/21 17:15	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-128		1	10/28/21 12:41	10/29/21 17:15	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.029	0.017	1	10/26/21 08:45	10/28/21 00:27	71-43-2	
Bromobenzene	<0.028	mg/kg	0.072	0.028	1	10/26/21 08:45	10/28/21 00:27	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	75-27-4	
Bromoform	<0.32	mg/kg	0.36	0.32	1	10/26/21 08:45	10/28/21 00:27	75-25-2	
Bromomethane	<0.10	mg/kg	0.36	0.10	1	10/26/21 08:45	10/28/21 00:27	74-83-9	
n-Butylbenzene	<0.033	mg/kg	0.072	0.033	1	10/26/21 08:45	10/28/21 00:27	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	56-23-5	
Chlorobenzene	<0.0086	mg/kg	0.072	0.0086	1	10/26/21 08:45	10/28/21 00:27	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: **SB-5 (10-12)** Lab ID: **40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.030	mg/kg	0.36	0.030	1	10/26/21 08:45	10/28/21 00:27	75-00-3	
Chloroform	<0.051	mg/kg	0.36	0.051	1	10/26/21 08:45	10/28/21 00:27	67-66-3	
Chloromethane	<0.027	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	<0.056	mg/kg	0.36	0.056	1	10/26/21 08:45	10/28/21 00:27	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.36	0.25	1	10/26/21 08:45	10/28/21 00:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	106-93-4	
Dibromomethane	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	95-50-1	
1,3-Dichlorobenzene	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	106-46-7	
Dichlorodifluoromethane	<0.031	mg/kg	0.072	0.031	1	10/26/21 08:45	10/28/21 00:27	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.072	0.024	1	10/26/21 08:45	10/28/21 00:27	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.072	0.015	1	10/26/21 08:45	10/28/21 00:27	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.072	0.016	1	10/26/21 08:45	10/28/21 00:27	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.072	0.019	1	10/26/21 08:45	10/28/21 00:27	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	563-58-6	
cis-1,3-Dichloropropene	<0.047	mg/kg	0.36	0.047	1	10/26/21 08:45	10/28/21 00:27	10061-01-5	
trans-1,3-Dichloropropene	<0.21	mg/kg	0.36	0.21	1	10/26/21 08:45	10/28/21 00:27	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.36	0.14	1	10/26/21 08:45	10/28/21 00:27	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.072	0.019	1	10/26/21 08:45	10/28/21 00:27	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.072	0.020	1	10/26/21 08:45	10/28/21 00:27	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	1634-04-4	
Naphthalene	<0.022	mg/kg	0.36	0.022	1	10/26/21 08:45	10/28/21 00:27	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	103-65-1	
Styrene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.072	0.017	1	10/26/21 08:45	10/28/21 00:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.072	0.026	1	10/26/21 08:45	10/28/21 00:27	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.072	0.028	1	10/26/21 08:45	10/28/21 00:27	127-18-4	
Toluene	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	108-88-3	
1,2,3-Trichlorobenzene	<0.080	mg/kg	0.36	0.080	1	10/26/21 08:45	10/28/21 00:27	87-61-6	
1,2,4-Trichlorobenzene	<0.059	mg/kg	0.36	0.059	1	10/26/21 08:45	10/28/21 00:27	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.072	0.018	1	10/26/21 08:45	10/28/21 00:27	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.072	0.026	1	10/26/21 08:45	10/28/21 00:27	79-00-5	
Trichloroethene	0.080	mg/kg	0.072	0.027	1	10/26/21 08:45	10/28/21 00:27	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (10-12) **Lab ID: 40235717010** Collected: 10/21/21 11:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.035	mg/kg	0.072	0.035	1	10/26/21 08:45	10/28/21 00:27	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.072	0.021	1	10/26/21 08:45	10/28/21 00:27	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.072	0.023	1	10/26/21 08:45	10/28/21 00:27	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.072	0.015	1	10/26/21 08:45	10/28/21 00:27	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/26/21 08:45	10/28/21 00:27	179601-23-1	
o-Xylene	<0.022	mg/kg	0.072	0.022	1	10/26/21 08:45	10/28/21 00:27	95-47-6	
Surrogates									
Toluene-d8 (S)	134	%	67-159		1	10/26/21 08:45	10/28/21 00:27	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/26/21 08:45	10/28/21 00:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	82-158		1	10/26/21 08:45	10/28/21 00:27	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.0	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 19:01	7440-38-2	
Barium	28.2	mg/kg	0.52	0.16	1	10/26/21 07:24	10/26/21 19:01	7440-39-3	
Cadmium	0.24J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 19:01	7440-43-9	
Chromium	9.6	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 19:01	7440-47-3	
Lead	6.3	mg/kg	2.1	0.63	1	10/26/21 07:24	10/26/21 19:01	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:01	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 19:01	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.037	0.010	1	11/02/21 09:25	11/03/21 10:25	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 17:36	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 17:36	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 17:36	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	10/29/21 17:36	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 17:36	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	10/29/21 17:36	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:36	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 17:36	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	10/29/21 17:36	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	10/29/21 17:36	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	10/29/21 17:36	123-91-1	
Fluoranthene	0.033J	mg/kg	0.088	0.027	1	10/28/21 12:41	10/29/21 17:36	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	10/29/21 17:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 17:36	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	10/29/21 17:36	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 17:36	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	10/29/21 17:36	91-20-3	
Phenanthrene	0.032J	mg/kg	0.080	0.024	1	10/28/21 12:41	10/29/21 17:36	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 17:36	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	77	%	40-96		1	10/28/21 12:41	10/29/21 17:36	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	10/28/21 12:41	10/29/21 17:36	321-60-8	
Terphenyl-d14 (S)	85	%	10-121		1	10/28/21 12:41	10/29/21 17:36	1718-51-0	
Phenol-d6 (S)	77	%	14-104		1	10/28/21 12:41	10/29/21 17:36	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	10/29/21 17:36	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	10/28/21 12:41	10/29/21 17:36	118-79-6	
8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 00:46	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 00:46	75-25-2	
Bromomethane	<0.087	mg/kg	0.31	0.087	1	10/26/21 08:45	10/28/21 00:46	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.062	0.029	1	10/26/21 08:45	10/28/21 00:46	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.062	0.0075	1	10/26/21 08:45	10/28/21 00:46	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 00:46	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 00:46	67-66-3	
Chloromethane	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 00:46	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 00:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.062	0.027	1	10/26/21 08:45	10/28/21 00:46	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.062	0.021	1	10/26/21 08:45	10/28/21 00:46	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 00:46	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 00:46	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 00:46	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 00:46	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 00:46	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 00:46	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 00:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 00:46	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 00:46	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 00:46	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 00:46	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 00:46	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 00:46	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 00:46	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 00:46	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 00:46	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 00:46	179601-23-1	
o-Xylene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 00:46	95-47-6	
Surrogates									
Toluene-d8 (S)	114	%	67-159		1	10/26/21 08:45	10/28/21 00:46	2037-26-5	
4-Bromofluorobenzene (S)	120	%	66-153		1	10/26/21 08:45	10/28/21 00:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/26/21 08:45	10/28/21 00:46	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-6 (0-5) **Lab ID: 40235717011** Collected: 10/21/21 11:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.9	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.2J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:03	7440-38-2	
Barium	35.1	mg/kg	0.54	0.16	1	10/26/21 07:24	10/26/21 19:03	7440-39-3	
Cadmium	0.24J	mg/kg	0.54	0.14	1	10/26/21 07:24	10/26/21 19:03	7440-43-9	
Chromium	10	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:03	7440-47-3	
Lead	5.7	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:03	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	10/26/21 07:24	10/26/21 19:03	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:03	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:28	7439-97-6	
---------	------------------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Acenaphthene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 14:07	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	10/28/21 12:41	11/01/21 14:07	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	10/28/21 12:41	11/01/21 14:07	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	10/28/21 12:41	11/01/21 14:07	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 14:07	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 14:07	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 14:07	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	10/28/21 12:41	11/01/21 14:07	207-08-9	
Chrysene	<0.029	mg/kg	0.096	0.029	1	10/28/21 12:41	11/01/21 14:07	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	11/01/21 14:07	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	10/28/21 12:41	11/01/21 14:07	123-91-1	
Fluoranthene	<0.027	mg/kg	0.091	0.027	1	10/28/21 12:41	11/01/21 14:07	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	10/28/21 12:41	11/01/21 14:07	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 14:07	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	10/28/21 12:41	11/01/21 14:07	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 14:07	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 14:07	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	10/28/21 12:41	11/01/21 14:07	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	10/28/21 12:41	11/01/21 14:07	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	86	%	40-96		1	10/28/21 12:41	11/01/21 14:07	4165-60-0	
2-Fluorobiphenyl (S)	76	%	14-110		1	10/28/21 12:41	11/01/21 14:07	321-60-8	
Terphenyl-d14 (S)	76	%	10-121		1	10/28/21 12:41	11/01/21 14:07	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	10/28/21 12:41	11/01/21 14:07	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 14:07	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-128		1	10/28/21 12:41	11/01/21 14:07	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.026	0.016	1	10/26/21 08:45	10/28/21 01:06	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/28/21 01:06	75-25-2	
Bromomethane	<0.091	mg/kg	0.33	0.091	1	10/26/21 08:45	10/28/21 01:06	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/26/21 08:45	10/28/21 01:06	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	56-23-5	
Chlorobenzene	<0.0078	mg/kg	0.065	0.0078	1	10/26/21 08:45	10/28/21 01:06	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/28/21 01:06	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/26/21 08:45	10/28/21 01:06	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/26/21 08:45	10/28/21 01:06	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.33	0.22	1	10/26/21 08:45	10/28/21 01:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/26/21 08:45	10/28/21 01:06	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/26/21 08:45	10/28/21 01:06	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.065	0.022	1	10/26/21 08:45	10/28/21 01:06	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/26/21 08:45	10/28/21 01:06	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.33	0.043	1	10/26/21 08:45	10/28/21 01:06	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-6 (7-10) **Lab ID: 40235717012** Collected: 10/21/21 11:56 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/28/21 01:06	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/28/21 01:06	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/26/21 08:45	10/28/21 01:06	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	1634-04-4	
Naphthalene	<0.020	mg/kg	0.33	0.020	1	10/26/21 08:45	10/28/21 01:06	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/26/21 08:45	10/28/21 01:06	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/26/21 08:45	10/28/21 01:06	108-88-3	
1,2,3-Trichlorobenzene	<0.073	mg/kg	0.33	0.073	1	10/26/21 08:45	10/28/21 01:06	87-61-6	
1,2,4-Trichlorobenzene	<0.054	mg/kg	0.33	0.054	1	10/26/21 08:45	10/28/21 01:06	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/26/21 08:45	10/28/21 01:06	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-00-5	
Trichloroethene	<0.024	mg/kg	0.065	0.024	1	10/26/21 08:45	10/28/21 01:06	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.065	0.032	1	10/26/21 08:45	10/28/21 01:06	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/26/21 08:45	10/28/21 01:06	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/26/21 08:45	10/28/21 01:06	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/26/21 08:45	10/28/21 01:06	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/26/21 08:45	10/28/21 01:06	179601-23-1	
o-Xylene	<0.020	mg/kg	0.065	0.020	1	10/26/21 08:45	10/28/21 01:06	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:06	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/26/21 08:45	10/28/21 01:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 01:06	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.2	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.0J	mg/kg	2.8	1.6	1	10/26/21 07:24	10/26/21 19:06	7440-38-2	
Barium	33.4	mg/kg	0.55	0.17	1	10/26/21 07:24	10/26/21 19:06	7440-39-3	
Cadmium	0.18J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:06	7440-43-9	
Chromium	9.8	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 19:06	7440-47-3	
Lead	4.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 19:06	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:06	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 09:25	11/03/21 10:30	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	10/29/21 22:50	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	10/29/21 22:50	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	10/29/21 22:50	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	10/29/21 22:50	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.095	0.029	1	10/28/21 12:41	10/29/21 22:50	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	10/29/21 22:50	205-99-2	
Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	10/29/21 22:50	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	10/29/21 22:50	207-08-9	
Chrysene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	10/29/21 22:50	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	10/28/21 12:41	10/29/21 22:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	10/29/21 22:50	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	10/29/21 22:50	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	10/29/21 22:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	10/29/21 22:50	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	10/29/21 22:50	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	10/29/21 22:50	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	10/29/21 22:50	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	10/29/21 22:50	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	10/29/21 22:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	10/29/21 22:50	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	10/28/21 12:41	10/29/21 22:50	321-60-8	
Terphenyl-d14 (S)	84	%	10-121		1	10/28/21 12:41	10/29/21 22:50	1718-51-0	
Phenol-d6 (S)	83	%	14-104		1	10/28/21 12:41	10/29/21 22:50	13127-88-3	
2-Fluorophenol (S)	84	%	10-112		1	10/28/21 12:41	10/29/21 22:50	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	10/28/21 12:41	10/29/21 22:50	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 01:25	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/28/21 01:25	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/28/21 01:25	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/28/21 01:25	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.064	0.029	1	10/26/21 08:45	10/28/21 01:25	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.064	0.0076	1	10/26/21 08:45	10/28/21 01:25	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/28/21 01:25	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/26/21 08:45	10/28/21 01:25	67-66-3	
Chloromethane	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/28/21 01:25	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/28/21 01:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	106-93-4	
Dibromomethane	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.064	0.027	1	10/26/21 08:45	10/28/21 01:25	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.064	0.014	1	10/26/21 08:45	10/28/21 01:25	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.064	0.021	1	10/26/21 08:45	10/28/21 01:25	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/28/21 01:25	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/28/21 01:25	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/28/21 01:25	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.064	0.017	1	10/26/21 08:45	10/28/21 01:25	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/28/21 01:25	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/28/21 01:25	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	103-65-1	
Styrene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (4-6) **Lab ID: 40235717013** Collected: 10/21/21 12:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.064	0.015	1	10/26/21 08:45	10/28/21 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/28/21 01:25	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.064	0.025	1	10/26/21 08:45	10/28/21 01:25	127-18-4	
Toluene	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/28/21 01:25	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/28/21 01:25	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.064	0.016	1	10/26/21 08:45	10/28/21 01:25	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.064	0.023	1	10/26/21 08:45	10/28/21 01:25	79-00-5	
Trichloroethene	<0.024	mg/kg	0.064	0.024	1	10/26/21 08:45	10/28/21 01:25	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.064	0.018	1	10/26/21 08:45	10/28/21 01:25	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.064	0.031	1	10/26/21 08:45	10/28/21 01:25	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.064	0.020	1	10/26/21 08:45	10/28/21 01:25	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.064	0.013	1	10/26/21 08:45	10/28/21 01:25	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/28/21 01:25	179601-23-1	
o-Xylene	<0.019	mg/kg	0.064	0.019	1	10/26/21 08:45	10/28/21 01:25	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:25	2037-26-5	
4-Bromofluorobenzene (S)	133	%	66-153		1	10/26/21 08:45	10/28/21 01:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/26/21 08:45	10/28/21 01:25	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	11.9	%	0.10	0.10	1		10/26/21 09:05		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:08	7440-38-2	
Barium	29.3	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 19:08	7440-39-3	
Cadmium	0.19J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:08	7440-43-9	
Chromium	8.8	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:08	7440-47-3	
Lead	4.5	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:08	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:08	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:08	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:32	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 11:40	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 11:40	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 11:40	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 11:40	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 11:40	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 11:40	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 11:40	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 11:40	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 11:40	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 11:40	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 11:40	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	11/01/21 11:40	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	11/01/21 11:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 11:40	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 11:40	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 11:40	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 11:40	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 11:40	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 11:40	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	78	%	40-96		1	10/28/21 12:41	11/01/21 11:40	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	10/28/21 12:41	11/01/21 11:40	321-60-8	
Terphenyl-d14 (S)	89	%	10-121		1	10/28/21 12:41	11/01/21 11:40	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	10/28/21 12:41	11/01/21 11:40	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	10/28/21 12:41	11/01/21 11:40	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-128		1	10/28/21 12:41	11/01/21 11:40	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 01:45	71-43-2	
Bromobenzene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	75-27-4	
Bromoform	<0.28	mg/kg	0.31	0.28	1	10/26/21 08:45	10/28/21 01:45	75-25-2	
Bromomethane	<0.088	mg/kg	0.31	0.088	1	10/26/21 08:45	10/28/21 01:45	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/26/21 08:45	10/28/21 01:45	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.063	0.0075	1	10/26/21 08:45	10/28/21 01:45	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 01:45	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 01:45	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.31	0.049	1	10/26/21 08:45	10/28/21 01:45	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 01:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/26/21 08:45	10/28/21 01:45	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 01:45	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 01:45	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 01:45	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 01:45	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 01:45	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 01:45	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 01:45	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 01:45	1634-04-4	
Naphthalene	<0.020	mg/kg	0.31	0.020	1	10/26/21 08:45	10/28/21 01:45	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 01:45	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 01:45	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	108-88-3	
1,2,3-Trichlorobenzene	<0.070	mg/kg	0.31	0.070	1	10/26/21 08:45	10/28/21 01:45	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.31	0.052	1	10/26/21 08:45	10/28/21 01:45	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 01:45	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-00-5	
Trichloroethene	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 01:45	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 01:45	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-7 (6-8) **Lab ID: 40235717014** Collected: 10/21/21 12:16 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/26/21 08:45	10/28/21 01:45	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 01:45	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 01:45	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.13	0.026	1	10/26/21 08:45	10/28/21 01:45	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 01:45	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/26/21 08:45	10/28/21 01:45	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/26/21 08:45	10/28/21 01:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	116	%	82-158		1	10/26/21 08:45	10/28/21 01:45	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.3	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 07:24	10/26/21 19:11	7440-38-2	
Barium	45.5	mg/kg	0.52	0.16	1	10/26/21 07:24	10/26/21 19:11	7440-39-3	
Cadmium	0.23J	mg/kg	0.52	0.14	1	10/26/21 07:24	10/26/21 19:11	7440-43-9	
Chromium	13.5	mg/kg	1.0	0.29	1	10/26/21 07:24	10/26/21 19:11	7440-47-3	
Lead	4.7	mg/kg	2.1	0.62	1	10/26/21 07:24	10/26/21 19:11	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:11	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 07:24	10/26/21 19:11	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 09:25	11/03/21 10:35	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:01	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	10/28/21 12:41	11/01/21 12:01	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 12:01	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	10/28/21 12:41	11/01/21 12:01	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.095	0.028	1	10/28/21 12:41	11/01/21 12:01	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	10/28/21 12:41	11/01/21 12:01	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	10/28/21 12:41	11/01/21 12:01	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 12:01	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 12:01	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 12:01	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 12:01	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	10/28/21 12:41	11/01/21 12:01	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	10/28/21 12:41	11/01/21 12:01	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:01	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	10/28/21 12:41	11/01/21 12:01	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:01	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 12:01	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	10/28/21 12:41	11/01/21 12:01	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:01	129-00-0	

Surrogates

Nitrobenzene-d5 (S)	85	%	40-96		1	10/28/21 12:41	11/01/21 12:01	4165-60-0	
2-Fluorobiphenyl (S)	78	%	14-110		1	10/28/21 12:41	11/01/21 12:01	321-60-8	
Terphenyl-d14 (S)	86	%	10-121		1	10/28/21 12:41	11/01/21 12:01	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	10/28/21 12:41	11/01/21 12:01	13127-88-3	
2-Fluorophenol (S)	50	%	10-112		1	10/28/21 12:41	11/01/21 12:01	367-12-4	
2,4,6-Tribromophenol (S)	31	%	10-128		1	10/28/21 12:41	11/01/21 12:01	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 02:04	71-43-2	
Bromobenzene	<0.025	mg/kg	0.063	0.025	1	10/26/21 08:45	10/28/21 02:04	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/26/21 08:45	10/28/21 02:04	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/26/21 08:45	10/28/21 02:04	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/26/21 08:45	10/28/21 02:04	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.063	0.0076	1	10/26/21 08:45	10/28/21 02:04	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/26/21 08:45	10/28/21 02:04	75-00-3	
Chloroform	<0.045	mg/kg	0.32	0.045	1	10/26/21 08:45	10/28/21 02:04	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/26/21 08:45	10/28/21 02:04	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/26/21 08:45	10/28/21 02:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (0-5) **Lab ID: 40235717015** Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/26/21 08:45	10/28/21 02:04	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/26/21 08:45	10/28/21 02:04	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.063	0.021	1	10/26/21 08:45	10/28/21 02:04	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/26/21 08:45	10/28/21 02:04	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/26/21 08:45	10/28/21 02:04	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/26/21 08:45	10/28/21 02:04	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/26/21 08:45	10/28/21 02:04	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 02:04	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/26/21 08:45	10/28/21 02:04	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/26/21 08:45	10/28/21 02:04	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 02:04	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.063	0.025	1	10/26/21 08:45	10/28/21 02:04	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/26/21 08:45	10/28/21 02:04	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/26/21 08:45	10/28/21 02:04	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/26/21 08:45	10/28/21 02:04	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/26/21 08:45	10/28/21 02:04	79-00-5	
Trichloroethene	<0.024	mg/kg	0.063	0.024	1	10/26/21 08:45	10/28/21 02:04	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/26/21 08:45	10/28/21 02:04	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/26/21 08:45	10/28/21 02:04	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/26/21 08:45	10/28/21 02:04	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/26/21 08:45	10/28/21 02:04	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/26/21 08:45	10/28/21 02:04	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/26/21 08:45	10/28/21 02:04	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/26/21 08:45	10/28/21 02:04	2037-26-5	
4-Bromofluorobenzene (S)	133	%	66-153		1	10/26/21 08:45	10/28/21 02:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 02:04	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (0-5) Lab ID: 40235717015 Collected: 10/21/21 12:45 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		10/26/21 09:05		

Sample: SB-8 (8-10) Lab ID: 40235717016 Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.0	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:13	7440-38-2	
Barium	49.3	mg/kg	0.55	0.16	1	10/26/21 07:24	10/26/21 19:13	7440-39-3	
Cadmium	0.24J	mg/kg	0.55	0.15	1	10/26/21 07:24	10/26/21 19:13	7440-43-9	
Chromium	14.1	mg/kg	1.1	0.31	1	10/26/21 07:24	10/26/21 19:13	7440-47-3	
Lead	5.8	mg/kg	2.2	0.66	1	10/26/21 07:24	10/26/21 19:13	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:13	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 07:24	10/26/21 19:13	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:37	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Acenaphthene	<0.066	mg/kg	0.22	0.066	1	10/28/21 12:41	11/01/21 12:22	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	10/28/21 12:41	11/01/21 12:22	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	10/28/21 12:41	11/01/21 12:22	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	10/28/21 12:41	11/01/21 12:22	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	10/28/21 12:41	11/01/21 12:22	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	10/28/21 12:41	11/01/21 12:22	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:22	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	10/28/21 12:41	11/01/21 12:22	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	10/28/21 12:41	11/01/21 12:22	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	10/28/21 12:41	11/01/21 12:22	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	10/28/21 12:41	11/01/21 12:22	123-91-1	
Fluoranthene	<0.027	mg/kg	0.088	0.027	1	10/28/21 12:41	11/01/21 12:22	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	10/28/21 12:41	11/01/21 12:22	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	10/28/21 12:41	11/01/21 12:22	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	10/28/21 12:41	11/01/21 12:22	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	10/28/21 12:41	11/01/21 12:22	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	10/28/21 12:41	11/01/21 12:22	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	10/28/21 12:41	11/01/21 12:22	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	10/28/21 12:41	11/01/21 12:22	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-8 (8-10) **Lab ID: 40235717016** Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	89	%	40-96		1	10/28/21 12:41	11/01/21 12:22	4165-60-0	
2-Fluorobiphenyl (S)	86	%	14-110		1	10/28/21 12:41	11/01/21 12:22	321-60-8	
Terphenyl-d14 (S)	96	%	10-121		1	10/28/21 12:41	11/01/21 12:22	1718-51-0	
Phenol-d6 (S)	88	%	14-104		1	10/28/21 12:41	11/01/21 12:22	13127-88-3	
2-Fluorophenol (S)	87	%	10-112		1	10/28/21 12:41	11/01/21 12:22	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-128		1	10/28/21 12:41	11/01/21 12:22	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 02:23	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 02:23	75-25-2	
Bromomethane	<0.087	mg/kg	0.31	0.087	1	10/26/21 08:45	10/28/21 02:23	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.062	0.029	1	10/26/21 08:45	10/28/21 02:23	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.062	0.0075	1	10/26/21 08:45	10/28/21 02:23	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 02:23	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/26/21 08:45	10/28/21 02:23	67-66-3	
Chloromethane	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 02:23	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 02:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.062	0.027	1	10/26/21 08:45	10/28/21 02:23	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.062	0.021	1	10/26/21 08:45	10/28/21 02:23	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 02:23	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 02:23	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-8 (8-10) **Lab ID: 40235717016** Collected: 10/21/21 12:51 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 02:23	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 02:23	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 02:23	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 02:23	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 02:23	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 02:23	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 02:23	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 02:23	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 02:23	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 02:23	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 02:23	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 02:23	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 02:23	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 02:23	179601-23-1	
o-Xylene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 02:23	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/26/21 08:45	10/28/21 02:23	2037-26-5	
4-Bromofluorobenzene (S)	128	%	66-153		1	10/26/21 08:45	10/28/21 02:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/26/21 08:45	10/28/21 02:23	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.9	%	0.10	0.10	1		10/26/21 09:05		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (2-4) **Lab ID: 40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	2.1J	mg/kg	4.4	1.3	1	10/29/21 09:01	11/01/21 06:59		
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.2	mg/kg	3.0	1.7	1	10/26/21 07:24	10/26/21 19:16	7440-38-2	
Barium	80.7	mg/kg	0.60	0.18	1	10/26/21 07:24	10/26/21 19:16	7440-39-3	
Cadmium	0.29J	mg/kg	0.60	0.16	1	10/26/21 07:24	10/26/21 19:16	7440-43-9	
Chromium	19.9	mg/kg	1.2	0.33	1	10/26/21 07:24	10/26/21 19:16	7440-47-3	
Lead	6.3	mg/kg	2.4	0.71	1	10/26/21 07:24	10/26/21 19:16	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 07:24	10/26/21 19:16	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 07:24	10/26/21 19:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.042	0.012	1	11/02/21 09:25	11/03/21 10:44	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.071	mg/kg	0.24	0.071	1	11/01/21 13:48	11/01/21 18:40	83-32-9	
Acenaphthylene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/01/21 18:40	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/01/21 18:40	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/01/21 18:40	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/01/21 18:40	50-32-8	
Benzo(b)fluoranthene	<0.035	mg/kg	0.12	0.035	1	11/01/21 13:48	11/01/21 18:40	205-99-2	
Benzo(g,h,i)perylene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/01/21 18:40	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/01/21 18:40	207-08-9	
Chrysene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/01/21 18:40	218-01-9	
Dibenz(a,h)anthracene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/01/21 18:40	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	11/01/21 13:48	11/01/21 18:40	123-91-1	
Fluoranthene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/01/21 18:40	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	11/01/21 13:48	11/01/21 18:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/01/21 18:40	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	11/01/21 13:48	11/01/21 18:40	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/01/21 18:40	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/01/21 18:40	91-20-3	
Phenanthrene	<0.026	mg/kg	0.086	0.026	1	11/01/21 13:48	11/01/21 18:40	85-01-8	
Pyrene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/01/21 18:40	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	35	%	40-96		1	11/01/21 13:48	11/01/21 18:40	4165-60-0	S0
2-Fluorobiphenyl (S)	37	%	14-110		1	11/01/21 13:48	11/01/21 18:40	321-60-8	
Terphenyl-d14 (S)	47	%	10-121		1	11/01/21 13:48	11/01/21 18:40	1718-51-0	
Phenol-d6 (S)	33	%	14-104		1	11/01/21 13:48	11/01/21 18:40	13127-88-3	
2-Fluorophenol (S)	32	%	10-112		1	11/01/21 13:48	11/01/21 18:40	367-12-4	
2,4,6-Tribromophenol (S)	41	%	10-128		1	11/01/21 13:48	11/01/21 18:40	118-79-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (2-4) **Lab ID: 40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.017	mg/kg	0.028	0.017	1	10/26/21 08:45	10/28/21 02:43	71-43-2	
Bromobenzene	<0.028	mg/kg	0.071	0.028	1	10/26/21 08:45	10/28/21 02:43	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/26/21 08:45	10/28/21 02:43	75-25-2	
Bromomethane	<0.099	mg/kg	0.35	0.099	1	10/26/21 08:45	10/28/21 02:43	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.071	0.032	1	10/26/21 08:45	10/28/21 02:43	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.071	0.022	1	10/26/21 08:45	10/28/21 02:43	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.071	0.016	1	10/26/21 08:45	10/28/21 02:43	56-23-5	
Chlorobenzene	<0.0085	mg/kg	0.071	0.0085	1	10/26/21 08:45	10/28/21 02:43	108-90-7	
Chloroethane	<0.030	mg/kg	0.35	0.030	1	10/26/21 08:45	10/28/21 02:43	75-00-3	
Chloroform	<0.051	mg/kg	0.35	0.051	1	10/26/21 08:45	10/28/21 02:43	67-66-3	
Chloromethane	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	106-43-4	
1,2-Dibromo-3-chloropropane	<0.055	mg/kg	0.35	0.055	1	10/26/21 08:45	10/28/21 02:43	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/26/21 08:45	10/28/21 02:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	106-93-4	
Dibromomethane	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.071	0.022	1	10/26/21 08:45	10/28/21 02:43	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.071	0.030	1	10/26/21 08:45	10/28/21 02:43	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.071	0.016	1	10/26/21 08:45	10/28/21 02:43	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.071	0.015	1	10/26/21 08:45	10/28/21 02:43	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	563-58-6	
cis-1,3-Dichloropropene	<0.047	mg/kg	0.35	0.047	1	10/26/21 08:45	10/28/21 02:43	10061-01-5	
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/26/21 08:45	10/28/21 02:43	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/26/21 08:45	10/28/21 02:43	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.071	0.019	1	10/26/21 08:45	10/28/21 02:43	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.071	0.020	1	10/26/21 08:45	10/28/21 02:43	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/26/21 08:45	10/28/21 02:43	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	103-65-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: **SB-9 (2-4)** Lab ID: **40235717017** Collected: 10/21/21 13:32 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.071	0.017	1	10/26/21 08:45	10/28/21 02:43	630-20-6	
1,1,2,2-Tetrachloroethane	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.071	0.027	1	10/26/21 08:45	10/28/21 02:43	127-18-4	
Toluene	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	108-88-3	
1,2,3-Trichlorobenzene	<0.079	mg/kg	0.35	0.079	1	10/26/21 08:45	10/28/21 02:43	87-61-6	
1,2,4-Trichlorobenzene	<0.058	mg/kg	0.35	0.058	1	10/26/21 08:45	10/28/21 02:43	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.071	0.018	1	10/26/21 08:45	10/28/21 02:43	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-00-5	
Trichloroethene	<0.026	mg/kg	0.071	0.026	1	10/26/21 08:45	10/28/21 02:43	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.071	0.020	1	10/26/21 08:45	10/28/21 02:43	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.071	0.034	1	10/26/21 08:45	10/28/21 02:43	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.071	0.023	1	10/26/21 08:45	10/28/21 02:43	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.071	0.014	1	10/26/21 08:45	10/28/21 02:43	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/26/21 08:45	10/28/21 02:43	179601-23-1	
o-Xylene	<0.021	mg/kg	0.071	0.021	1	10/26/21 08:45	10/28/21 02:43	95-47-6	
Surrogates									
Toluene-d8 (S)	131	%	67-159		1	10/26/21 08:45	10/28/21 02:43	2037-26-5	
4-Bromofluorobenzene (S)	131	%	66-153		1	10/26/21 08:45	10/28/21 02:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 02:43	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	17.1	%	0.10	0.10	1		10/26/21 09:05		
------------------	------	---	------	------	---	--	----------------	--	--

Sample: **SB-9 (7-9)** Lab ID: **40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	22.4	mg/kg	4.2	1.2	1	10/29/21 09:01	11/01/21 07:08		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.5J	mg/kg	2.9	1.7	1	10/26/21 07:24	10/26/21 19:23	7440-38-2	
Barium	35.1	mg/kg	0.58	0.17	1	10/26/21 07:24	10/26/21 19:23	7440-39-3	
Cadmium	<0.15	mg/kg	0.58	0.15	1	10/26/21 07:24	10/26/21 19:23	7440-43-9	
Chromium	11.4	mg/kg	1.2	0.32	1	10/26/21 07:24	10/26/21 19:23	7440-47-3	
Lead	5.1	mg/kg	2.3	0.69	1	10/26/21 07:24	10/26/21 19:23	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 07:24	10/26/21 19:23	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 07:24	10/26/21 19:23	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.012	mg/kg	0.041	0.012	1	11/02/21 09:25	11/03/21 10:46	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 19:25	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 19:25	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 19:25	120-12-7	
Benzo(a)anthracene	0.042J	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 19:25	56-55-3	
Benzo(a)pyrene	0.044J	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 19:25	50-32-8	
Benzo(b)fluoranthene	0.041J	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 19:25	205-99-2	
Benzo(g,h,i)perylene	0.068J	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 19:25	191-24-2	
Benzo(k)fluoranthene	0.083J	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 19:25	207-08-9	
Chrysene	0.067J	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 19:25	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 19:25	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 19:25	123-91-1	
Fluoranthene	0.13	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 19:25	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 19:25	86-73-7	
Indeno(1,2,3-cd)pyrene	0.061J	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 19:25	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 19:25	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 19:25	91-57-6	
Naphthalene	0.078J	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 19:25	91-20-3	
Phenanthrene	0.079J	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 19:25	85-01-8	
Pyrene	0.13J	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 19:25	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	87	%	40-96		1	11/01/21 13:48	11/02/21 19:25	4165-60-0	
2-Fluorobiphenyl (S)	84	%	14-110		1	11/01/21 13:48	11/02/21 19:25	321-60-8	
Terphenyl-d14 (S)	93	%	10-121		1	11/01/21 13:48	11/02/21 19:25	1718-51-0	
Phenol-d6 (S)	81	%	14-104		1	11/01/21 13:48	11/02/21 19:25	13127-88-3	
2-Fluorophenol (S)	75	%	10-112		1	11/01/21 13:48	11/02/21 19:25	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-128		1	11/01/21 13:48	11/02/21 19:25	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/26/21 08:45	10/28/21 03:02	71-43-2	
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/26/21 08:45	10/28/21 03:02	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/26/21 08:45	10/28/21 03:02	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/26/21 08:45	10/28/21 03:02	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
n-Butylbenzene	0.33	mg/kg	0.066	0.030	1	10/26/21 08:45	10/28/21 03:02	104-51-8	
sec-Butylbenzene	0.29	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	135-98-8	
tert-Butylbenzene	0.12	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.066	0.015	1	10/26/21 08:45	10/28/21 03:02	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.066	0.0080	1	10/26/21 08:45	10/28/21 03:02	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/26/21 08:45	10/28/21 03:02	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/26/21 08:45	10/28/21 03:02	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/26/21 08:45	10/28/21 03:02	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/26/21 08:45	10/28/21 03:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	106-93-4	
Dibromomethane	<0.020	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.066	0.029	1	10/26/21 08:45	10/28/21 03:02	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/26/21 08:45	10/28/21 03:02	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/26/21 08:45	10/28/21 03:02	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.066	0.022	1	10/26/21 08:45	10/28/21 03:02	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/26/21 08:45	10/28/21 03:02	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/26/21 08:45	10/28/21 03:02	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	108-20-3	
Ethylbenzene	0.045J	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/26/21 08:45	10/28/21 03:02	87-68-3	
Isopropylbenzene (Cumene)	0.17	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	98-82-8	
p-Isopropyltoluene	0.31	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/26/21 08:45	10/28/21 03:02	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	1634-04-4	
Naphthalene	0.56	mg/kg	0.33	0.021	1	10/26/21 08:45	10/28/21 03:02	91-20-3	
n-Propylbenzene	0.28	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/26/21 08:45	10/28/21 03:02	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/26/21 08:45	10/28/21 03:02	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/26/21 08:45	10/28/21 03:02	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/26/21 08:45	10/28/21 03:02	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (7-9) **Lab ID: 40235717018** Collected: 10/21/21 13:36 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/26/21 08:45	10/28/21 03:02	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.066	0.017	1	10/26/21 08:45	10/28/21 03:02	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/26/21 08:45	10/28/21 03:02	79-00-5	
Trichloroethene	0.33	mg/kg	0.066	0.025	1	10/26/21 08:45	10/28/21 03:02	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/26/21 08:45	10/28/21 03:02	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/26/21 08:45	10/28/21 03:02	96-18-4	
1,2,4-Trimethylbenzene	2.7	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	95-63-6	
1,3,5-Trimethylbenzene	1.1	mg/kg	0.066	0.021	1	10/26/21 08:45	10/28/21 03:02	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/26/21 08:45	10/28/21 03:02	75-01-4	
m&p-Xylene	0.065J	mg/kg	0.13	0.028	1	10/26/21 08:45	10/28/21 03:02	179601-23-1	
o-Xylene	0.022J	mg/kg	0.066	0.020	1	10/26/21 08:45	10/28/21 03:02	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	67-159		1	10/26/21 08:45	10/28/21 03:02	2037-26-5	
4-Bromofluorobenzene (S)	127	%	66-153		1	10/26/21 08:45	10/28/21 03:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	126	%	82-158		1	10/26/21 08:45	10/28/21 03:02	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	14.1	%	0.10	0.10	1		10/26/21 09:05		
------------------	------	---	------	------	---	--	----------------	--	--

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1110	mg/kg	99.8	29.8	25	10/29/21 09:01	11/01/21 08:47		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.0	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:26	7440-38-2	
Barium	33.7	mg/kg	0.53	0.16	1	10/26/21 07:24	10/26/21 19:26	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	10/26/21 07:24	10/26/21 19:26	7440-43-9	
Chromium	11.2	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:26	7440-47-3	
Lead	5.3	mg/kg	2.1	0.64	1	10/26/21 07:24	10/26/21 19:26	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 07:24	10/26/21 19:26	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:26	7440-22-4	

7471 Mercury

Analytical Method: EPA 7471 Preparation Method: EPA 7471
Pace Analytical Services - Green Bay

Mercury	<0.010	mg/kg	0.036	0.010	1	11/02/21 09:25	11/03/21 10:48	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.26	mg/kg	0.88	0.26	4	11/01/21 13:48	11/01/21 21:27	83-32-9	
Acenaphthylene	<0.27	mg/kg	0.88	0.27	4	11/01/21 13:48	11/01/21 21:27	208-96-8	
Anthracene	<0.12	mg/kg	0.40	0.12	4	11/01/21 13:48	11/01/21 21:27	120-12-7	
Benzo(a)anthracene	<0.12	mg/kg	0.38	0.12	4	11/01/21 13:48	11/01/21 21:27	56-55-3	
Benzo(a)pyrene	0.30J	mg/kg	0.37	0.11	4	11/01/21 13:48	11/01/21 21:27	50-32-8	
Benzo(b)fluoranthene	0.21J	mg/kg	0.43	0.13	4	11/01/21 13:48	11/01/21 21:27	205-99-2	
Benzo(g,h,i)perylene	0.48J	mg/kg	0.65	0.19	4	11/01/21 13:48	11/01/21 21:27	191-24-2	
Benzo(k)fluoranthene	0.19J	mg/kg	0.59	0.18	4	11/01/21 13:48	11/01/21 21:27	207-08-9	
Chrysene	<0.11	mg/kg	0.37	0.11	4	11/01/21 13:48	11/01/21 21:27	218-01-9	
Dibenz(a,h)anthracene	0.51J	mg/kg	0.67	0.20	4	11/01/21 13:48	11/01/21 21:27	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.40	mg/kg	1.3	0.40	4	11/01/21 13:48	11/01/21 21:27	123-91-1	
Fluoranthene	<0.11	mg/kg	0.35	0.11	4	11/01/21 13:48	11/01/21 21:27	206-44-0	
Fluorene	<0.087	mg/kg	0.29	0.087	4	11/01/21 13:48	11/01/21 21:27	86-73-7	
Indeno(1,2,3-cd)pyrene	0.60	mg/kg	0.54	0.16	4	11/01/21 13:48	11/01/21 21:27	193-39-5	
1-Methylnaphthalene	<0.21	mg/kg	0.71	0.21	4	11/01/21 13:48	11/01/21 21:27	90-12-0	D3
2-Methylnaphthalene	<0.19	mg/kg	0.64	0.19	4	11/01/21 13:48	11/01/21 21:27	91-57-6	
Naphthalene	<0.26	mg/kg	0.87	0.26	4	11/01/21 13:48	11/01/21 21:27	91-20-3	
Phenanthrene	<0.095	mg/kg	0.32	0.095	4	11/01/21 13:48	11/01/21 21:27	85-01-8	
Pyrene	<0.16	mg/kg	0.55	0.16	4	11/01/21 13:48	11/01/21 21:27	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	33	%	40-96		4	11/01/21 13:48	11/01/21 21:27	4165-60-0	S0
2-Fluorobiphenyl (S)	36	%	14-110		4	11/01/21 13:48	11/01/21 21:27	321-60-8	
Terphenyl-d14 (S)	46	%	10-121		4	11/01/21 13:48	11/01/21 21:27	1718-51-0	
Phenol-d6 (S)	32	%	14-104		4	11/01/21 13:48	11/01/21 21:27	13127-88-3	
2-Fluorophenol (S)	28	%	10-112		4	11/01/21 13:48	11/01/21 21:27	367-12-4	
2,4,6-Tribromophenol (S)	38	%	10-128		4	11/01/21 13:48	11/01/21 21:27	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/26/21 08:45	10/28/21 03:41	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 03:41	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/26/21 08:45	10/28/21 03:41	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/26/21 08:45	10/28/21 03:41	74-83-9	
n-Butylbenzene	0.23	mg/kg	0.062	0.028	1	10/26/21 08:45	10/28/21 03:41	104-51-8	
sec-Butylbenzene	0.10	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 03:41	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/26/21 08:45	10/28/21 03:41	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/26/21 08:45	10/28/21 03:41	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/26/21 08:45	10/28/21 03:41	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	95-49-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-10 (4-6)** Lab ID: **40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/26/21 08:45	10/28/21 03:41	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/26/21 08:45	10/28/21 03:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/26/21 08:45	10/28/21 03:41	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/26/21 08:45	10/28/21 03:41	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/26/21 08:45	10/28/21 03:41	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/26/21 08:45	10/28/21 03:41	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/26/21 08:45	10/28/21 03:41	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/26/21 08:45	10/28/21 03:41	87-68-3	
Isopropylbenzene (Cumene)	0.052J	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	98-82-8	
p-Isopropyltoluene	0.089	mg/kg	0.062	0.019	1	10/26/21 08:45	10/28/21 03:41	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/26/21 08:45	10/28/21 03:41	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	1634-04-4	
Naphthalene	0.089J	mg/kg	0.31	0.019	1	10/26/21 08:45	10/28/21 03:41	91-20-3	
n-Propylbenzene	0.18	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/26/21 08:45	10/28/21 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/28/21 03:41	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/26/21 08:45	10/28/21 03:41	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/26/21 08:45	10/28/21 03:41	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/26/21 08:45	10/28/21 03:41	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/26/21 08:45	10/28/21 03:41	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/26/21 08:45	10/28/21 03:41	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/26/21 08:45	10/28/21 03:41	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/26/21 08:45	10/28/21 03:41	96-18-4	
1,2,4-Trimethylbenzene	1.2	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	95-63-6	
1,3,5-Trimethylbenzene	0.43	mg/kg	0.062	0.020	1	10/26/21 08:45	10/28/21 03:41	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/26/21 08:45	10/28/21 03:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-10 (4-6) **Lab ID: 40235717019** Collected: 10/21/21 14:15 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
m&p-Xylene	0.027J	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 03:41	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/26/21 08:45	10/28/21 03:41	95-47-6	
Surrogates									
Toluene-d8 (S)	116	%	67-159		1	10/26/21 08:45	10/28/21 03:41	2037-26-5	
4-Bromofluorobenzene (S)	135	%	66-153		1	10/26/21 08:45	10/28/21 03:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/26/21 08:45	10/28/21 03:41	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.3	%	0.10	0.10	1		10/26/21 09:06		

Sample: SB-10 (8-10) **Lab ID: 40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	4.3	mg/kg	4.0	1.2	1	10/29/21 09:01	11/01/21 08:38		DC
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7J	mg/kg	2.7	1.6	1	10/26/21 07:24	10/26/21 19:28	7440-38-2	
Barium	31.5	mg/kg	0.54	0.16	1	10/26/21 07:24	10/26/21 19:28	7440-39-3	
Cadmium	0.21J	mg/kg	0.54	0.14	1	10/26/21 07:24	10/26/21 19:28	7440-43-9	
Chromium	8.3	mg/kg	1.1	0.30	1	10/26/21 07:24	10/26/21 19:28	7440-47-3	
Lead	7.5	mg/kg	2.2	0.65	1	10/26/21 07:24	10/26/21 19:28	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 07:24	10/26/21 19:28	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 07:24	10/26/21 19:28	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 09:25	11/03/21 10:51	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 11:23	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 11:23	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 11:23	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 11:23	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 11:23	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 11:23	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-10 (8-10) **Lab ID: 40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:23	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 11:23	207-08-9	
Chrysene	<0.028	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 11:23	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:23	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.33	0.10	1	11/01/21 13:48	11/02/21 11:23	123-91-1	
Fluoranthene	<0.026	mg/kg	0.087	0.026	1	11/01/21 13:48	11/02/21 11:23	206-44-0	
Fluorene	<0.022	mg/kg	0.072	0.022	1	11/01/21 13:48	11/02/21 11:23	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 11:23	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 11:23	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:23	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 11:23	91-20-3	
Phenanthrene	<0.024	mg/kg	0.079	0.024	1	11/01/21 13:48	11/02/21 11:23	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 11:23	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	71	%	40-96		1	11/01/21 13:48	11/02/21 11:23	4165-60-0	
2-Fluorobiphenyl (S)	74	%	14-110		1	11/01/21 13:48	11/02/21 11:23	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	11/01/21 13:48	11/02/21 11:23	1718-51-0	
Phenol-d6 (S)	68	%	14-104		1	11/01/21 13:48	11/02/21 11:23	13127-88-3	
2-Fluorophenol (S)	66	%	10-112		1	11/01/21 13:48	11/02/21 11:23	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-128		1	11/01/21 13:48	11/02/21 11:23	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.014	mg/kg	0.024	0.014	1	10/26/21 08:45	10/28/21 10:16	71-43-2	
Bromobenzene	<0.024	mg/kg	0.061	0.024	1	10/26/21 08:45	10/28/21 10:16	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	75-27-4	
Bromoform	<0.27	mg/kg	0.30	0.27	1	10/26/21 08:45	10/28/21 10:16	75-25-2	
Bromomethane	<0.085	mg/kg	0.30	0.085	1	10/26/21 08:45	10/28/21 10:16	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.061	0.028	1	10/26/21 08:45	10/28/21 10:16	104-51-8	
sec-Butylbenzene	0.027J	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.061	0.019	1	10/26/21 08:45	10/28/21 10:16	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	56-23-5	
Chlorobenzene	<0.0073	mg/kg	0.061	0.0073	1	10/26/21 08:45	10/28/21 10:16	108-90-7	
Chloroethane	<0.026	mg/kg	0.30	0.026	1	10/26/21 08:45	10/28/21 10:16	75-00-3	
Chloroform	<0.043	mg/kg	0.30	0.043	1	10/26/21 08:45	10/28/21 10:16	67-66-3	
Chloromethane	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	106-43-4	
1,2-Dibromo-3-chloropropane	<0.047	mg/kg	0.30	0.047	1	10/26/21 08:45	10/28/21 10:16	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.30	0.21	1	10/26/21 08:45	10/28/21 10:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	106-93-4	
Dibromomethane	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.061	0.019	1	10/26/21 08:45	10/28/21 10:16	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: **SB-10 (8-10)** Lab ID: **40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.061	0.026	1	10/26/21 08:45	10/28/21 10:16	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.061	0.013	1	10/26/21 08:45	10/28/21 10:16	142-28-9	
2,2-Dichloropropane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	563-58-6	
cis-1,3-Dichloropropene	<0.040	mg/kg	0.30	0.040	1	10/26/21 08:45	10/28/21 10:16	10061-01-5	
trans-1,3-Dichloropropene	<0.17	mg/kg	0.30	0.17	1	10/26/21 08:45	10/28/21 10:16	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	108-20-3	
Ethylbenzene	0.021J	mg/kg	0.061	0.014	1	10/26/21 08:45	10/28/21 10:16	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.30	0.12	1	10/26/21 08:45	10/28/21 10:16	87-68-3	
Isopropylbenzene (Cumene)	0.020J	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	98-82-8	
p-Isopropyltoluene	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.061	0.017	1	10/26/21 08:45	10/28/21 10:16	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	1634-04-4	
Naphthalene	<0.019	mg/kg	0.30	0.019	1	10/26/21 08:45	10/28/21 10:16	91-20-3	
n-Propylbenzene	0.083	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	103-65-1	
Styrene	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.061	0.022	1	10/26/21 08:45	10/28/21 10:16	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.061	0.024	1	10/26/21 08:45	10/28/21 10:16	127-18-4	
Toluene	<0.015	mg/kg	0.061	0.015	1	10/26/21 08:45	10/28/21 10:16	108-88-3	
1,2,3-Trichlorobenzene	<0.068	mg/kg	0.30	0.068	1	10/26/21 08:45	10/28/21 10:16	87-61-6	
1,2,4-Trichlorobenzene	<0.050	mg/kg	0.30	0.050	1	10/26/21 08:45	10/28/21 10:16	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.061	0.016	1	10/26/21 08:45	10/28/21 10:16	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.061	0.022	1	10/26/21 08:45	10/28/21 10:16	79-00-5	
Trichloroethene	<0.023	mg/kg	0.061	0.023	1	10/26/21 08:45	10/28/21 10:16	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	75-69-4	
1,2,3-Trichloropropane	<0.029	mg/kg	0.061	0.029	1	10/26/21 08:45	10/28/21 10:16	96-18-4	
1,2,4-Trimethylbenzene	0.086	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.061	0.020	1	10/26/21 08:45	10/28/21 10:16	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.061	0.012	1	10/26/21 08:45	10/28/21 10:16	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/26/21 08:45	10/28/21 10:16	179601-23-1	
o-Xylene	<0.018	mg/kg	0.061	0.018	1	10/26/21 08:45	10/28/21 10:16	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/26/21 08:45	10/28/21 10:16	2037-26-5	
4-Bromofluorobenzene (S)	126	%	66-153		1	10/26/21 08:45	10/28/21 10:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	119	%	82-158		1	10/26/21 08:45	10/28/21 10:16	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-10 (8-10) **Lab ID: 40235717020** Collected: 10/21/21 14:17 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	9.6	%	0.10	0.10	1		10/26/21 09:06		

Sample: SB-11 (2-4) **Lab ID: 40235717021** Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.3	mg/kg	3.0	1.8	1	10/26/21 06:50	10/26/21 13:59	7440-38-2	
Barium	102	mg/kg	0.60	0.18	1	10/26/21 06:50	10/26/21 13:59	7440-39-3	M0
Cadmium	0.35J	mg/kg	0.60	0.16	1	10/26/21 06:50	10/26/21 13:59	7440-43-9	
Chromium	24.2	mg/kg	1.2	0.33	1	10/26/21 06:50	10/26/21 13:59	7440-47-3	
Lead	13.1	mg/kg	2.4	0.72	1	10/26/21 06:50	10/26/21 13:59	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	10/26/21 06:50	10/26/21 13:59	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	10/26/21 06:50	10/26/21 13:59	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	0.035J	mg/kg	0.042	0.012	1	11/02/21 12:22	11/03/21 10:58	7439-97-6	
---------	---------------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.071	mg/kg	0.24	0.071	1	11/01/21 13:48	11/02/21 11:44	83-32-9	
Acenaphthylene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/02/21 11:44	208-96-8	
Anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 11:44	120-12-7	
Benzo(a)anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 11:44	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 11:44	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	11/01/21 13:48	11/02/21 11:44	205-99-2	
Benzo(g,h,i)perylene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:44	191-24-2	
Benzo(k)fluoranthene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 11:44	207-08-9	
Chrysene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 11:44	218-01-9	
Dibenz(a,h)anthracene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 11:44	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.36	0.11	1	11/01/21 13:48	11/02/21 11:44	123-91-1	
Fluoranthene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/02/21 11:44	206-44-0	
Fluorene	<0.023	mg/kg	0.078	0.023	1	11/01/21 13:48	11/02/21 11:44	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 11:44	193-39-5	
1-Methylnaphthalene	<0.057	mg/kg	0.19	0.057	1	11/01/21 13:48	11/02/21 11:44	90-12-0	
2-Methylnaphthalene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:44	91-57-6	
Naphthalene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 11:44	91-20-3	
Phenanthrene	<0.026	mg/kg	0.086	0.026	1	11/01/21 13:48	11/02/21 11:44	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 11:44	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (2-4) **Lab ID: 40235717021** Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	69	%	40-96		1	11/01/21 13:48	11/02/21 11:44	4165-60-0	
2-Fluorobiphenyl (S)	63	%	14-110		1	11/01/21 13:48	11/02/21 11:44	321-60-8	
Terphenyl-d14 (S)	72	%	10-121		1	11/01/21 13:48	11/02/21 11:44	1718-51-0	
Phenol-d6 (S)	60	%	14-104		1	11/01/21 13:48	11/02/21 11:44	13127-88-3	
2-Fluorophenol (S)	60	%	10-112		1	11/01/21 13:48	11/02/21 11:44	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-128		1	11/01/21 13:48	11/02/21 11:44	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.028	0.017	1	10/28/21 08:45	10/29/21 15:53	71-43-2	
Bromobenzene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	75-27-4	
Bromoform	<0.31	mg/kg	0.35	0.31	1	10/28/21 08:45	10/29/21 15:53	75-25-2	
Bromomethane	<0.098	mg/kg	0.35	0.098	1	10/28/21 08:45	10/29/21 15:53	74-83-9	
n-Butylbenzene	<0.032	mg/kg	0.070	0.032	1	10/28/21 08:45	10/29/21 15:53	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	135-98-8	
tert-Butylbenzene	<0.022	mg/kg	0.070	0.022	1	10/28/21 08:45	10/29/21 15:53	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	56-23-5	
Chlorobenzene	<0.0084	mg/kg	0.070	0.0084	1	10/28/21 08:45	10/29/21 15:53	108-90-7	
Chloroethane	<0.030	mg/kg	0.35	0.030	1	10/28/21 08:45	10/29/21 15:53	75-00-3	
Chloroform	<0.050	mg/kg	0.35	0.050	1	10/28/21 08:45	10/29/21 15:53	67-66-3	
Chloromethane	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	74-87-3	
2-Chlorotoluene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	95-49-8	
4-Chlorotoluene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	<0.054	mg/kg	0.35	0.054	1	10/28/21 08:45	10/29/21 15:53	96-12-8	
Dibromochloromethane	<0.24	mg/kg	0.35	0.24	1	10/28/21 08:45	10/29/21 15:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	106-93-4	
Dibromomethane	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	74-95-3	
1,2-Dichlorobenzene	<0.022	mg/kg	0.070	0.022	1	10/28/21 08:45	10/29/21 15:53	95-50-1	
1,3-Dichlorobenzene	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	106-46-7	
Dichlorodifluoromethane	<0.030	mg/kg	0.070	0.030	1	10/28/21 08:45	10/29/21 15:53	75-71-8	
1,1-Dichloroethane	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.070	0.016	1	10/28/21 08:45	10/29/21 15:53	107-06-2	
1,1-Dichloroethene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	75-35-4	
cis-1,2-Dichloroethene	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.070	0.015	1	10/28/21 08:45	10/29/21 15:53	142-28-9	
2,2-Dichloropropane	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	594-20-7	
1,1-Dichloropropene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	563-58-6	
cis-1,3-Dichloropropene	<0.046	mg/kg	0.35	0.046	1	10/28/21 08:45	10/29/21 15:53	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-11 (2-4) **Lab ID: 40235717021** Collected: 10/21/21 14:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.20	mg/kg	0.35	0.20	1	10/28/21 08:45	10/29/21 15:53	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	100-41-4	
Hexachloro-1,3-butadiene	<0.14	mg/kg	0.35	0.14	1	10/28/21 08:45	10/29/21 15:53	87-68-3	
Isopropylbenzene (Cumene)	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.070	0.019	1	10/28/21 08:45	10/29/21 15:53	75-09-2	
Methyl-tert-butyl ether	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	1634-04-4	
Naphthalene	<0.022	mg/kg	0.35	0.022	1	10/28/21 08:45	10/29/21 15:53	91-20-3	
n-Propylbenzene	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	103-65-1	
Styrene	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.017	mg/kg	0.070	0.017	1	10/28/21 08:45	10/29/21 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.070	0.025	1	10/28/21 08:45	10/29/21 15:53	79-34-5	
Tetrachloroethene	<0.027	mg/kg	0.070	0.027	1	10/28/21 08:45	10/29/21 15:53	127-18-4	
Toluene	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	108-88-3	
1,2,3-Trichlorobenzene	<0.078	mg/kg	0.35	0.078	1	10/28/21 08:45	10/29/21 15:53	87-61-6	
1,2,4-Trichlorobenzene	<0.058	mg/kg	0.35	0.058	1	10/28/21 08:45	10/29/21 15:53	120-82-1	
1,1,1-Trichloroethane	<0.018	mg/kg	0.070	0.018	1	10/28/21 08:45	10/29/21 15:53	71-55-6	
1,1,2-Trichloroethane	<0.026	mg/kg	0.070	0.026	1	10/28/21 08:45	10/29/21 15:53	79-00-5	
Trichloroethene	<0.026	mg/kg	0.070	0.026	1	10/28/21 08:45	10/29/21 15:53	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.070	0.020	1	10/28/21 08:45	10/29/21 15:53	75-69-4	
1,2,3-Trichloropropane	<0.034	mg/kg	0.070	0.034	1	10/28/21 08:45	10/29/21 15:53	96-18-4	
1,2,4-Trimethylbenzene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	95-63-6	
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.070	0.023	1	10/28/21 08:45	10/29/21 15:53	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.070	0.014	1	10/28/21 08:45	10/29/21 15:53	75-01-4	
m&p-Xylene	<0.030	mg/kg	0.14	0.030	1	10/28/21 08:45	10/29/21 15:53	179601-23-1	
o-Xylene	<0.021	mg/kg	0.070	0.021	1	10/28/21 08:45	10/29/21 15:53	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	67-159		1	10/28/21 08:45	10/29/21 15:53	2037-26-5	
4-Bromofluorobenzene (S)	124	%	66-153		1	10/28/21 08:45	10/29/21 15:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	10/28/21 08:45	10/29/21 15:53	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	16.7	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.7	mg/kg	2.6	1.6	1	10/26/21 06:50	10/26/21 14:08	7440-38-2	
Barium	36.5	mg/kg	0.53	0.16	1	10/26/21 06:50	10/26/21 14:08	7440-39-3	
Cadmium	0.24J	mg/kg	0.53	0.14	1	10/26/21 06:50	10/26/21 14:08	7440-43-9	
Chromium	8.4	mg/kg	1.1	0.29	1	10/26/21 06:50	10/26/21 14:08	7440-47-3	
Lead	6.0	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:08	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:08	7782-49-2	
Silver	<0.32	mg/kg	1.1	0.32	1	10/26/21 06:50	10/26/21 14:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:05	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 12:05	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 12:05	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 12:05	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 12:05	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:05	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 12:05	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 12:05	191-24-2	
Benzo(k)fluoranthene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 12:05	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:05	218-01-9	
Dibenz(a,h)anthracene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 12:05	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 12:05	123-91-1	
Fluoranthene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 12:05	206-44-0	
Fluorene	<0.022	mg/kg	0.072	0.022	1	11/01/21 13:48	11/02/21 12:05	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 12:05	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:05	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 12:05	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 12:05	91-20-3	
Phenanthrene	<0.024	mg/kg	0.079	0.024	1	11/01/21 13:48	11/02/21 12:05	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 12:05	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	79	%	40-96		1	11/01/21 13:48	11/02/21 12:05	4165-60-0	
2-Fluorobiphenyl (S)	72	%	14-110		1	11/01/21 13:48	11/02/21 12:05	321-60-8	
Terphenyl-d14 (S)	87	%	10-121		1	11/01/21 13:48	11/02/21 12:05	1718-51-0	
Phenol-d6 (S)	80	%	14-104		1	11/01/21 13:48	11/02/21 12:05	13127-88-3	
2-Fluorophenol (S)	82	%	10-112		1	11/01/21 13:48	11/02/21 12:05	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-128		1	11/01/21 13:48	11/02/21 12:05	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 16:12	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.024	mg/kg	0.061	0.024	1	10/28/21 08:45	10/29/21 16:12	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/28/21 08:45	10/29/21 16:12	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/28/21 08:45	10/29/21 16:12	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.061	0.028	1	10/28/21 08:45	10/29/21 16:12	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.061	0.0074	1	10/28/21 08:45	10/29/21 16:12	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 16:12	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/28/21 08:45	10/29/21 16:12	67-66-3	
Chloromethane	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/28/21 08:45	10/29/21 16:12	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 16:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	106-93-4	
Dibromomethane	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.061	0.026	1	10/28/21 08:45	10/29/21 16:12	75-71-8	
1,1-Dichloroethane	0.073	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.061	0.014	1	10/28/21 08:45	10/29/21 16:12	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	75-35-4	
cis-1,2-Dichloroethene	0.020J	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.061	0.013	1	10/28/21 08:45	10/29/21 16:12	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	563-58-6	
cis-1,3-Dichloropropene	<0.040	mg/kg	0.31	0.040	1	10/28/21 08:45	10/29/21 16:12	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 16:12	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 16:12	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.061	0.019	1	10/28/21 08:45	10/29/21 16:12	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.061	0.017	1	10/28/21 08:45	10/29/21 16:12	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/28/21 08:45	10/29/21 16:12	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	103-65-1	
Styrene	<0.016	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-11 (8-10) **Lab ID: 40235717022** Collected: 10/21/21 14:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.061	0.022	1	10/28/21 08:45	10/29/21 16:12	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.061	0.024	1	10/28/21 08:45	10/29/21 16:12	127-18-4	
Toluene	<0.015	mg/kg	0.061	0.015	1	10/28/21 08:45	10/29/21 16:12	108-88-3	
1,2,3-Trichlorobenzene	<0.068	mg/kg	0.31	0.068	1	10/28/21 08:45	10/29/21 16:12	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/28/21 08:45	10/29/21 16:12	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.061	0.016	1	10/28/21 08:45	10/29/21 16:12	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.061	0.022	1	10/28/21 08:45	10/29/21 16:12	79-00-5	
Trichloroethene	<0.023	mg/kg	0.061	0.023	1	10/28/21 08:45	10/29/21 16:12	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.061	0.030	1	10/28/21 08:45	10/29/21 16:12	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.061	0.020	1	10/28/21 08:45	10/29/21 16:12	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.061	0.012	1	10/28/21 08:45	10/29/21 16:12	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/28/21 08:45	10/29/21 16:12	179601-23-1	
o-Xylene	<0.018	mg/kg	0.061	0.018	1	10/28/21 08:45	10/29/21 16:12	95-47-6	
Surrogates									
Toluene-d8 (S)	113	%	67-159		1	10/28/21 08:45	10/29/21 16:12	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/28/21 08:45	10/29/21 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 16:12	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	10.2	%	0.10	0.10	1		10/26/21 09:35		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.9	mg/kg	2.8	1.6	1	10/26/21 06:50	10/26/21 14:13	7440-38-2	
Barium	31.0	mg/kg	0.55	0.17	1	10/26/21 06:50	10/26/21 14:13	7440-39-3	
Cadmium	0.49J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:13	7440-43-9	
Chromium	38.2	mg/kg	1.1	0.31	1	10/26/21 06:50	10/26/21 14:13	7440-47-3	
Lead	60.6	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:13	7439-92-1	
Selenium	<1.5	mg/kg	4.4	1.5	1	10/26/21 06:50	10/26/21 14:13	7782-49-2	
Silver	0.37J	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:13	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.040	0.011	1	11/02/21 12:22	11/03/21 11:12	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.14	mg/kg	0.46	0.14	2	11/01/21 13:48	11/02/21 19:46	83-32-9	
Acenaphthylene	<0.14	mg/kg	0.46	0.14	2	11/01/21 13:48	11/02/21 19:46	208-96-8	
Anthracene	0.083J	mg/kg	0.21	0.062	2	11/01/21 13:48	11/02/21 19:46	120-12-7	
Benzo(a)anthracene	0.87	mg/kg	0.20	0.060	2	11/01/21 13:48	11/02/21 19:46	56-55-3	
Benzo(a)pyrene	1.3	mg/kg	0.20	0.059	2	11/01/21 13:48	11/02/21 19:46	50-32-8	
Benzo(b)fluoranthene	2.1	mg/kg	0.22	0.067	2	11/01/21 13:48	11/02/21 19:46	205-99-2	
Benzo(g,h,i)perylene	1.6	mg/kg	0.34	0.10	2	11/01/21 13:48	11/02/21 19:46	191-24-2	
Benzo(k)fluoranthene	0.78	mg/kg	0.31	0.093	2	11/01/21 13:48	11/02/21 19:46	207-08-9	
Chrysene	1.4	mg/kg	0.19	0.058	2	11/01/21 13:48	11/02/21 19:46	218-01-9	
Dibenz(a,h)anthracene	0.24J	mg/kg	0.35	0.11	2	11/01/21 13:48	11/02/21 19:46	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.21	mg/kg	0.70	0.21	2	11/01/21 13:48	11/02/21 19:46	123-91-1	
Fluoranthene	2.7	mg/kg	0.18	0.055	2	11/01/21 13:48	11/02/21 19:46	206-44-0	
Fluorene	<0.046	mg/kg	0.15	0.046	2	11/01/21 13:48	11/02/21 19:46	86-73-7	
Indeno(1,2,3-cd)pyrene	1.4	mg/kg	0.28	0.084	2	11/01/21 13:48	11/02/21 19:46	193-39-5	
1-Methylnaphthalene	<0.11	mg/kg	0.37	0.11	2	11/01/21 13:48	11/02/21 19:46	90-12-0	D3
2-Methylnaphthalene	<0.10	mg/kg	0.34	0.10	2	11/01/21 13:48	11/02/21 19:46	91-57-6	
Naphthalene	<0.14	mg/kg	0.45	0.14	2	11/01/21 13:48	11/02/21 19:46	91-20-3	
Phenanthrene	0.99	mg/kg	0.17	0.050	2	11/01/21 13:48	11/02/21 19:46	85-01-8	
Pyrene	2.5	mg/kg	0.29	0.086	2	11/01/21 13:48	11/02/21 19:46	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	69	%	40-96		2	11/01/21 13:48	11/02/21 19:46	4165-60-0	
2-Fluorobiphenyl (S)	69	%	14-110		2	11/01/21 13:48	11/02/21 19:46	321-60-8	
Terphenyl-d14 (S)	78	%	10-121		2	11/01/21 13:48	11/02/21 19:46	1718-51-0	
Phenol-d6 (S)	63	%	14-104		2	11/01/21 13:48	11/02/21 19:46	13127-88-3	
2-Fluorophenol (S)	49	%	10-112		2	11/01/21 13:48	11/02/21 19:46	367-12-4	
2,4,6-Tribromophenol (S)	31	%	10-128		2	11/01/21 13:48	11/02/21 19:46	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 16:32	71-43-2	
Bromobenzene	<0.026	mg/kg	0.067	0.026	1	10/28/21 08:45	10/29/21 16:32	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 16:32	75-25-2	
Bromomethane	<0.094	mg/kg	0.33	0.094	1	10/28/21 08:45	10/29/21 16:32	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.067	0.031	1	10/28/21 08:45	10/29/21 16:32	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	56-23-5	
Chlorobenzene	<0.0080	mg/kg	0.067	0.0080	1	10/28/21 08:45	10/29/21 16:32	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 16:32	75-00-3	
Chloroform	<0.048	mg/kg	0.33	0.048	1	10/28/21 08:45	10/29/21 16:32	67-66-3	
Chloromethane	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	106-43-4	
1,2-Dibromo-3-chloropropane	<0.052	mg/kg	0.33	0.052	1	10/28/21 08:45	10/29/21 16:32	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/28/21 08:45	10/29/21 16:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	106-93-4	
Dibromomethane	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.067	0.029	1	10/28/21 08:45	10/29/21 16:32	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/28/21 08:45	10/29/21 16:32	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.067	0.014	1	10/28/21 08:45	10/29/21 16:32	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.067	0.015	1	10/28/21 08:45	10/29/21 16:32	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.067	0.022	1	10/28/21 08:45	10/29/21 16:32	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/28/21 08:45	10/29/21 16:32	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 16:32	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 16:32	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.067	0.018	1	10/28/21 08:45	10/29/21 16:32	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.067	0.019	1	10/28/21 08:45	10/29/21 16:32	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 16:32	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	103-65-1	
Styrene	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.067	0.016	1	10/28/21 08:45	10/29/21 16:32	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.067	0.024	1	10/28/21 08:45	10/29/21 16:32	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.067	0.026	1	10/28/21 08:45	10/29/21 16:32	127-18-4	
Toluene	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/28/21 08:45	10/29/21 16:32	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/28/21 08:45	10/29/21 16:32	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.067	0.017	1	10/28/21 08:45	10/29/21 16:32	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.067	0.024	1	10/28/21 08:45	10/29/21 16:32	79-00-5	
Trichloroethene	<0.025	mg/kg	0.067	0.025	1	10/28/21 08:45	10/29/21 16:32	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.067	0.019	1	10/28/21 08:45	10/29/21 16:32	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (0-5) **Lab ID: 40235717023** Collected: 10/22/21 08:41 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.032	mg/kg	0.067	0.032	1	10/28/21 08:45	10/29/21 16:32	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.067	0.021	1	10/28/21 08:45	10/29/21 16:32	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.067	0.013	1	10/28/21 08:45	10/29/21 16:32	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 16:32	179601-23-1	
o-Xylene	<0.020	mg/kg	0.067	0.020	1	10/28/21 08:45	10/29/21 16:32	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/28/21 08:45	10/29/21 16:32	2037-26-5	
4-Bromofluorobenzene (S)	127	%	66-153		1	10/28/21 08:45	10/29/21 16:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	82-158		1	10/28/21 08:45	10/29/21 16:32	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.4	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	1.9J	mg/kg	2.9	1.7	1	10/26/21 06:50	10/26/21 14:16	7440-38-2	
Barium	44.0	mg/kg	0.58	0.17	1	10/26/21 06:50	10/26/21 14:16	7440-39-3	
Cadmium	0.20J	mg/kg	0.58	0.15	1	10/26/21 06:50	10/26/21 14:16	7440-43-9	
Chromium	26.3	mg/kg	1.2	0.32	1	10/26/21 06:50	10/26/21 14:16	7440-47-3	
Lead	5.0	mg/kg	2.3	0.69	1	10/26/21 06:50	10/26/21 14:16	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 06:50	10/26/21 14:16	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	10/26/21 06:50	10/26/21 14:16	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:14	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 12:26	83-32-9	
Acenaphthylene	<0.070	mg/kg	0.23	0.070	1	11/01/21 13:48	11/02/21 12:26	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:26	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 12:26	56-55-3	
Benzo(a)pyrene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 12:26	50-32-8	
Benzo(b)fluoranthene	<0.034	mg/kg	0.11	0.034	1	11/01/21 13:48	11/02/21 12:26	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 12:26	191-24-2	
Benzo(k)fluoranthene	<0.047	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 12:26	207-08-9	
Chrysene	<0.029	mg/kg	0.098	0.029	1	11/01/21 13:48	11/02/21 12:26	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:26	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 12:26	123-91-1	
Fluoranthene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 12:26	206-44-0	
Fluorene	<0.023	mg/kg	0.077	0.023	1	11/01/21 13:48	11/02/21 12:26	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 12:26	193-39-5	
1-Methylnaphthalene	<0.056	mg/kg	0.19	0.056	1	11/01/21 13:48	11/02/21 12:26	90-12-0	
2-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 12:26	91-57-6	
Naphthalene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 12:26	91-20-3	
Phenanthrene	<0.025	mg/kg	0.084	0.025	1	11/01/21 13:48	11/02/21 12:26	85-01-8	
Pyrene	<0.044	mg/kg	0.15	0.044	1	11/01/21 13:48	11/02/21 12:26	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	11/01/21 13:48	11/02/21 12:26	4165-60-0	
2-Fluorobiphenyl (S)	82	%	14-110		1	11/01/21 13:48	11/02/21 12:26	321-60-8	
Terphenyl-d14 (S)	92	%	10-121		1	11/01/21 13:48	11/02/21 12:26	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	11/01/21 13:48	11/02/21 12:26	13127-88-3	
2-Fluorophenol (S)	78	%	10-112		1	11/01/21 13:48	11/02/21 12:26	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-128		1	11/01/21 13:48	11/02/21 12:26	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 16:51	71-43-2	
Bromobenzene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	108-86-1	
Bromochloromethane	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	75-27-4	
Bromoform	<0.30	mg/kg	0.34	0.30	1	10/28/21 08:45	10/29/21 16:51	75-25-2	
Bromomethane	<0.095	mg/kg	0.34	0.095	1	10/28/21 08:45	10/29/21 16:51	74-83-9	
n-Butylbenzene	<0.031	mg/kg	0.068	0.031	1	10/28/21 08:45	10/29/21 16:51	104-51-8	
sec-Butylbenzene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	56-23-5	
Chlorobenzene	<0.0081	mg/kg	0.068	0.0081	1	10/28/21 08:45	10/29/21 16:51	108-90-7	
Chloroethane	<0.029	mg/kg	0.34	0.029	1	10/28/21 08:45	10/29/21 16:51	75-00-3	
Chloroform	<0.048	mg/kg	0.34	0.048	1	10/28/21 08:45	10/29/21 16:51	67-66-3	
Chloromethane	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	74-87-3	
2-Chlorotoluene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	95-49-8	
4-Chlorotoluene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	<0.053	mg/kg	0.34	0.053	1	10/28/21 08:45	10/29/21 16:51	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.34	0.23	1	10/28/21 08:45	10/29/21 16:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	106-93-4	
Dibromomethane	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	541-73-1	
1,4-Dichlorobenzene	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.068	0.029	1	10/28/21 08:45	10/29/21 16:51	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	75-34-3	
1,2-Dichloroethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.068	0.014	1	10/28/21 08:45	10/29/21 16:51	156-59-2	
trans-1,2-Dichloroethene	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	78-87-5	
1,3-Dichloropropane	<0.015	mg/kg	0.068	0.015	1	10/28/21 08:45	10/29/21 16:51	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.068	0.018	1	10/28/21 08:45	10/29/21 16:51	594-20-7	
1,1-Dichloropropene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	563-58-6	
cis-1,3-Dichloropropene	<0.045	mg/kg	0.34	0.045	1	10/28/21 08:45	10/29/21 16:51	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.34	0.19	1	10/28/21 08:45	10/29/21 16:51	10061-02-6	
Diisopropyl ether	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.34	0.13	1	10/28/21 08:45	10/29/21 16:51	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.068	0.018	1	10/28/21 08:45	10/29/21 16:51	98-82-8	
p-Isopropyltoluene	<0.021	mg/kg	0.068	0.021	1	10/28/21 08:45	10/29/21 16:51	99-87-6	
Methylene Chloride	<0.019	mg/kg	0.068	0.019	1	10/28/21 08:45	10/29/21 16:51	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	1634-04-4	
Naphthalene	<0.021	mg/kg	0.34	0.021	1	10/28/21 08:45	10/29/21 16:51	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	103-65-1	
Styrene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.068	0.016	1	10/28/21 08:45	10/29/21 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.068	0.026	1	10/28/21 08:45	10/29/21 16:51	127-18-4	
Toluene	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	108-88-3	
1,2,3-Trichlorobenzene	<0.075	mg/kg	0.34	0.075	1	10/28/21 08:45	10/29/21 16:51	87-61-6	
1,2,4-Trichlorobenzene	<0.056	mg/kg	0.34	0.056	1	10/28/21 08:45	10/29/21 16:51	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.068	0.017	1	10/28/21 08:45	10/29/21 16:51	71-55-6	
1,1,2-Trichloroethane	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-00-5	
Trichloroethene	<0.025	mg/kg	0.068	0.025	1	10/28/21 08:45	10/29/21 16:51	79-01-6	
Trichlorofluoromethane	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	75-69-4	
1,2,3-Trichloropropane	<0.033	mg/kg	0.068	0.033	1	10/28/21 08:45	10/29/21 16:51	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	95-63-6	
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.068	0.022	1	10/28/21 08:45	10/29/21 16:51	108-67-8	
Vinyl chloride	<0.014	mg/kg	0.068	0.014	1	10/28/21 08:45	10/29/21 16:51	75-01-4	
m&p-Xylene	<0.029	mg/kg	0.14	0.029	1	10/28/21 08:45	10/29/21 16:51	179601-23-1	
o-Xylene	<0.020	mg/kg	0.068	0.020	1	10/28/21 08:45	10/29/21 16:51	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	67-159		1	10/28/21 08:45	10/29/21 16:51	2037-26-5	
4-Bromofluorobenzene (S)	126	%	66-153		1	10/28/21 08:45	10/29/21 16:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	82-158		1	10/28/21 08:45	10/29/21 16:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-12 (15-18) **Lab ID: 40235717024** Collected: 10/22/21 08:55 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	15.0	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.0	mg/kg	3.1	1.8	1	10/26/21 06:50	10/26/21 14:23	7440-38-2	
Barium	68.3	mg/kg	0.61	0.18	1	10/26/21 06:50	10/26/21 14:23	7440-39-3	
Cadmium	<0.16	mg/kg	0.61	0.16	1	10/26/21 06:50	10/26/21 14:23	7440-43-9	
Chromium	24.9	mg/kg	1.2	0.34	1	10/26/21 06:50	10/26/21 14:23	7440-47-3	
Lead	12.4	mg/kg	2.4	0.73	1	10/26/21 06:50	10/26/21 14:23	7439-92-1	
Selenium	<1.6	mg/kg	4.9	1.6	1	10/26/21 06:50	10/26/21 14:23	7782-49-2	
Silver	<0.38	mg/kg	1.2	0.38	1	10/26/21 06:50	10/26/21 14:23	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	0.039J	mg/kg	0.042	0.012	1	11/02/21 12:22	11/03/21 11:16	7439-97-6	
---------	---------------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.073	mg/kg	0.24	0.073	1	11/01/21 13:48	11/02/21 12:47	83-32-9	
Acenaphthylene	<0.073	mg/kg	0.24	0.073	1	11/01/21 13:48	11/02/21 12:47	208-96-8	
Anthracene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 12:47	120-12-7	
Benzo(a)anthracene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 12:47	56-55-3	
Benzo(a)pyrene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:47	50-32-8	
Benzo(b)fluoranthene	<0.035	mg/kg	0.12	0.035	1	11/01/21 13:48	11/02/21 12:47	205-99-2	
Benzo(g,h,i)perylene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 12:47	191-24-2	
Benzo(k)fluoranthene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 12:47	207-08-9	
Chrysene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 12:47	218-01-9	
Dibenz(a,h)anthracene	<0.056	mg/kg	0.19	0.056	1	11/01/21 13:48	11/02/21 12:47	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.37	0.11	1	11/01/21 13:48	11/02/21 12:47	123-91-1	
Fluoranthene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 12:47	206-44-0	
Fluorene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 12:47	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 12:47	193-39-5	
1-Methylnaphthalene	<0.059	mg/kg	0.20	0.059	1	11/01/21 13:48	11/02/21 12:47	90-12-0	
2-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 12:47	91-57-6	
Naphthalene	<0.072	mg/kg	0.24	0.072	1	11/01/21 13:48	11/02/21 12:47	91-20-3	
Phenanthrene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 12:47	85-01-8	
Pyrene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 12:47	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	73	%	40-96		1	11/01/21 13:48	11/02/21 12:47	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	11/01/21 13:48	11/02/21 12:47	321-60-8	
Terphenyl-d14 (S)	80	%	10-121		1	11/01/21 13:48	11/02/21 12:47	1718-51-0	
Phenol-d6 (S)	74	%	14-104		1	11/01/21 13:48	11/02/21 12:47	13127-88-3	
2-Fluorophenol (S)	78	%	10-112		1	11/01/21 13:48	11/02/21 12:47	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-128		1	11/01/21 13:48	11/02/21 12:47	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.017	mg/kg	0.029	0.017	1	10/28/21 08:45	10/29/21 17:11	71-43-2	
Bromobenzene	<0.029	mg/kg	0.073	0.029	1	10/28/21 08:45	10/29/21 17:11	108-86-1	
Bromochloromethane	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	74-97-5	
Bromodichloromethane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	75-27-4	
Bromoform	<0.32	mg/kg	0.37	0.32	1	10/28/21 08:45	10/29/21 17:11	75-25-2	
Bromomethane	<0.10	mg/kg	0.37	0.10	1	10/28/21 08:45	10/29/21 17:11	74-83-9	
n-Butylbenzene	<0.034	mg/kg	0.073	0.034	1	10/28/21 08:45	10/29/21 17:11	104-51-8	
sec-Butylbenzene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	135-98-8	
tert-Butylbenzene	<0.023	mg/kg	0.073	0.023	1	10/28/21 08:45	10/29/21 17:11	98-06-6	
Carbon tetrachloride	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	56-23-5	
Chlorobenzene	<0.0088	mg/kg	0.073	0.0088	1	10/28/21 08:45	10/29/21 17:11	108-90-7	
Chloroethane	<0.031	mg/kg	0.37	0.031	1	10/28/21 08:45	10/29/21 17:11	75-00-3	
Chloroform	<0.053	mg/kg	0.37	0.053	1	10/28/21 08:45	10/29/21 17:11	67-66-3	
Chloromethane	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	74-87-3	
2-Chlorotoluene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	95-49-8	
4-Chlorotoluene	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	<0.057	mg/kg	0.37	0.057	1	10/28/21 08:45	10/29/21 17:11	96-12-8	
Dibromochloromethane	<0.25	mg/kg	0.37	0.25	1	10/28/21 08:45	10/29/21 17:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	106-93-4	
Dibromomethane	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	74-95-3	
1,2-Dichlorobenzene	<0.023	mg/kg	0.073	0.023	1	10/28/21 08:45	10/29/21 17:11	95-50-1	
1,3-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	541-73-1	
1,4-Dichlorobenzene	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	106-46-7	
Dichlorodifluoromethane	<0.032	mg/kg	0.073	0.032	1	10/28/21 08:45	10/29/21 17:11	75-71-8	
1,1-Dichloroethane	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	75-34-3	
1,2-Dichloroethane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	107-06-2	
1,1-Dichloroethene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	75-35-4	
cis-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	156-59-2	
trans-1,2-Dichloroethene	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	156-60-5	
1,2-Dichloropropane	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	78-87-5	
1,3-Dichloropropane	<0.016	mg/kg	0.073	0.016	1	10/28/21 08:45	10/29/21 17:11	142-28-9	
2,2-Dichloropropane	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	594-20-7	
1,1-Dichloropropene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	563-58-6	
cis-1,3-Dichloropropene	<0.048	mg/kg	0.37	0.048	1	10/28/21 08:45	10/29/21 17:11	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-13 (5-10) **Lab ID: 40235717025** Collected: 10/22/21 09:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.21	mg/kg	0.37	0.21	1	10/28/21 08:45	10/29/21 17:11	10061-02-6	
Diisopropyl ether	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	108-20-3	
Ethylbenzene	<0.017	mg/kg	0.073	0.017	1	10/28/21 08:45	10/29/21 17:11	100-41-4	
Hexachloro-1,3-butadiene	<0.15	mg/kg	0.37	0.15	1	10/28/21 08:45	10/29/21 17:11	87-68-3	
Isopropylbenzene (Cumene)	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	98-82-8	
p-Isopropyltoluene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	99-87-6	
Methylene Chloride	<0.020	mg/kg	0.073	0.020	1	10/28/21 08:45	10/29/21 17:11	75-09-2	
Methyl-tert-butyl ether	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	1634-04-4	
Naphthalene	<0.023	mg/kg	0.37	0.023	1	10/28/21 08:45	10/29/21 17:11	91-20-3	
n-Propylbenzene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	103-65-1	
Styrene	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-34-5	
Tetrachloroethene	<0.028	mg/kg	0.073	0.028	1	10/28/21 08:45	10/29/21 17:11	127-18-4	
Toluene	<0.018	mg/kg	0.073	0.018	1	10/28/21 08:45	10/29/21 17:11	108-88-3	
1,2,3-Trichlorobenzene	<0.082	mg/kg	0.37	0.082	1	10/28/21 08:45	10/29/21 17:11	87-61-6	
1,2,4-Trichlorobenzene	<0.060	mg/kg	0.37	0.060	1	10/28/21 08:45	10/29/21 17:11	120-82-1	
1,1,1-Trichloroethane	<0.019	mg/kg	0.073	0.019	1	10/28/21 08:45	10/29/21 17:11	71-55-6	
1,1,2-Trichloroethane	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-00-5	
Trichloroethene	<0.027	mg/kg	0.073	0.027	1	10/28/21 08:45	10/29/21 17:11	79-01-6	
Trichlorofluoromethane	<0.021	mg/kg	0.073	0.021	1	10/28/21 08:45	10/29/21 17:11	75-69-4	
1,2,3-Trichloropropane	<0.036	mg/kg	0.073	0.036	1	10/28/21 08:45	10/29/21 17:11	96-18-4	
1,2,4-Trimethylbenzene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	95-63-6	
1,3,5-Trimethylbenzene	<0.024	mg/kg	0.073	0.024	1	10/28/21 08:45	10/29/21 17:11	108-67-8	
Vinyl chloride	<0.015	mg/kg	0.073	0.015	1	10/28/21 08:45	10/29/21 17:11	75-01-4	
m&p-Xylene	<0.031	mg/kg	0.15	0.031	1	10/28/21 08:45	10/29/21 17:11	179601-23-1	
o-Xylene	<0.022	mg/kg	0.073	0.022	1	10/28/21 08:45	10/29/21 17:11	95-47-6	
Surrogates									
Toluene-d8 (S)	136	%	67-159		1	10/28/21 08:45	10/29/21 17:11	2037-26-5	
4-Bromofluorobenzene (S)	139	%	66-153		1	10/28/21 08:45	10/29/21 17:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	131	%	82-158		1	10/28/21 08:45	10/29/21 17:11	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	18.9	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-13 (10-15) **Lab ID: 40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.0	mg/kg	2.8	1.6	1	10/26/21 06:50	10/26/21 14:25	7440-38-2	
Barium	42.6	mg/kg	0.55	0.17	1	10/26/21 06:50	10/26/21 14:25	7440-39-3	
Cadmium	0.19J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:25	7440-43-9	
Chromium	13.0	mg/kg	1.1	0.31	1	10/26/21 06:50	10/26/21 14:25	7440-47-3	
Lead	10.0	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:25	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:25	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:25	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.040	0.011	1	11/02/21 12:22	11/03/21 11:19	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 13:08	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 13:08	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 13:08	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 13:08	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 13:08	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 13:08	205-99-2	
Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:08	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 13:08	207-08-9	
Chrysene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 13:08	218-01-9	
Dibenz(a,h)anthracene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 13:08	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.11	mg/kg	0.35	0.11	1	11/01/21 13:48	11/02/21 13:08	123-91-1	
Fluoranthene	<0.027	mg/kg	0.092	0.027	1	11/01/21 13:48	11/02/21 13:08	206-44-0	
Fluorene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 13:08	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 13:08	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 13:08	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 13:08	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 13:08	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 13:08	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 13:08	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	76	%	40-96		1	11/01/21 13:48	11/02/21 13:08	4165-60-0	
2-Fluorobiphenyl (S)	70	%	14-110		1	11/01/21 13:48	11/02/21 13:08	321-60-8	
Terphenyl-d14 (S)	81	%	10-121		1	11/01/21 13:48	11/02/21 13:08	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	11/01/21 13:48	11/02/21 13:08	13127-88-3	
2-Fluorophenol (S)	76	%	10-112		1	11/01/21 13:48	11/02/21 13:08	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	11/01/21 13:48	11/02/21 13:08	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.027	0.016	1	10/28/21 08:45	10/29/21 17:30	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-13 (10-15) **Lab ID: 40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 17:30	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 17:30	75-25-2	
Bromomethane	<0.093	mg/kg	0.33	0.093	1	10/28/21 08:45	10/29/21 17:30	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.066	0.030	1	10/28/21 08:45	10/29/21 17:30	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	98-06-6	
Carbon tetrachloride	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 17:30	56-23-5	
Chlorobenzene	<0.0079	mg/kg	0.066	0.0079	1	10/28/21 08:45	10/29/21 17:30	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 17:30	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/28/21 08:45	10/29/21 17:30	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/28/21 08:45	10/29/21 17:30	96-12-8	
Dibromochloromethane	<0.23	mg/kg	0.33	0.23	1	10/28/21 08:45	10/29/21 17:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	106-93-4	
Dibromomethane	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	74-95-3	
1,2-Dichlorobenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	106-46-7	
Dichlorodifluoromethane	<0.029	mg/kg	0.066	0.029	1	10/28/21 08:45	10/29/21 17:30	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 17:30	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/28/21 08:45	10/29/21 17:30	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 17:30	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	563-58-6	
cis-1,3-Dichloropropene	<0.044	mg/kg	0.33	0.044	1	10/28/21 08:45	10/29/21 17:30	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 17:30	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 17:30	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 17:30	75-09-2	
Methyl-tert-butyl ether	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 17:30	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-13 (10-15) **Lab ID: 40235717026** Collected: 10/22/21 10:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 17:30	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 17:30	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	<0.074	mg/kg	0.33	0.074	1	10/28/21 08:45	10/29/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	<0.055	mg/kg	0.33	0.055	1	10/28/21 08:45	10/29/21 17:30	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 17:30	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 17:30	79-00-5	
Trichloroethene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 17:30	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 17:30	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/28/21 08:45	10/29/21 17:30	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 17:30	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/28/21 08:45	10/29/21 17:30	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 17:30	179601-23-1	
o-Xylene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 17:30	95-47-6	
Surrogates									
Toluene-d8 (S)	126	%	67-159		1	10/28/21 08:45	10/29/21 17:30	2037-26-5	
4-Bromofluorobenzene (S)	130	%	66-153		1	10/28/21 08:45	10/29/21 17:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	82-158		1	10/28/21 08:45	10/29/21 17:30	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture	14.0	%	0.10	0.10	1		10/26/21 09:35		
------------------	-------------	---	------	------	---	--	----------------	--	--

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.8	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:28	7440-38-2	
Barium	34.6	mg/kg	0.54	0.16	1	10/26/21 06:50	10/26/21 14:28	7440-39-3	
Cadmium	0.24J	mg/kg	0.54	0.14	1	10/26/21 06:50	10/26/21 14:28	7440-43-9	
Chromium	10.5	mg/kg	1.1	0.30	1	10/26/21 06:50	10/26/21 14:28	7440-47-3	
Lead	6.0	mg/kg	2.2	0.65	1	10/26/21 06:50	10/26/21 14:28	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:28	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 06:50	10/26/21 14:28	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.037	0.010	1	11/02/21 12:22	11/03/21 11:21	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:29	83-32-9	
Acenaphthylene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:29	208-96-8	
Anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 13:29	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 13:29	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 13:29	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 13:29	205-99-2	
Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 13:29	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 13:29	207-08-9	
Chrysene	<0.028	mg/kg	0.093	0.028	1	11/01/21 13:48	11/02/21 13:29	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:29	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 13:29	123-91-1	
Fluoranthene	<0.026	mg/kg	0.088	0.026	1	11/01/21 13:48	11/02/21 13:29	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	11/01/21 13:48	11/02/21 13:29	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 13:29	193-39-5	
1-Methylnaphthalene	<0.053	mg/kg	0.18	0.053	1	11/01/21 13:48	11/02/21 13:29	90-12-0	
2-Methylnaphthalene	<0.048	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 13:29	91-57-6	
Naphthalene	<0.065	mg/kg	0.22	0.065	1	11/01/21 13:48	11/02/21 13:29	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 13:29	85-01-8	
Pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 13:29	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	70	%	40-96		1	11/01/21 13:48	11/02/21 13:29	4165-60-0	
2-Fluorobiphenyl (S)	67	%	14-110		1	11/01/21 13:48	11/02/21 13:29	321-60-8	
Terphenyl-d14 (S)	75	%	10-121		1	11/01/21 13:48	11/02/21 13:29	1718-51-0	
Phenol-d6 (S)	73	%	14-104		1	11/01/21 13:48	11/02/21 13:29	13127-88-3	
2-Fluorophenol (S)	77	%	10-112		1	11/01/21 13:48	11/02/21 13:29	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-128		1	11/01/21 13:48	11/02/21 13:29	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 17:50	71-43-2	
Bromobenzene	<0.024	mg/kg	0.062	0.024	1	10/28/21 08:45	10/29/21 17:50	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	75-27-4	
Bromoform	<0.27	mg/kg	0.31	0.27	1	10/28/21 08:45	10/29/21 17:50	75-25-2	
Bromomethane	<0.086	mg/kg	0.31	0.086	1	10/28/21 08:45	10/29/21 17:50	74-83-9	
n-Butylbenzene	<0.028	mg/kg	0.062	0.028	1	10/28/21 08:45	10/29/21 17:50	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	135-98-8	
tert-Butylbenzene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.062	0.014	1	10/28/21 08:45	10/29/21 17:50	56-23-5	
Chlorobenzene	<0.0074	mg/kg	0.062	0.0074	1	10/28/21 08:45	10/29/21 17:50	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 17:50	75-00-3	
Chloroform	<0.044	mg/kg	0.31	0.044	1	10/28/21 08:45	10/29/21 17:50	67-66-3	
Chloromethane	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	95-49-8	
4-Chlorotoluene	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	<0.048	mg/kg	0.31	0.048	1	10/28/21 08:45	10/29/21 17:50	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 17:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	106-93-4	
Dibromomethane	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	95-50-1	
1,3-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	106-46-7	
Dichlorodifluoromethane	<0.026	mg/kg	0.062	0.026	1	10/28/21 08:45	10/29/21 17:50	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.062	0.014	1	10/28/21 08:45	10/29/21 17:50	107-06-2	
1,1-Dichloroethene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	156-59-2	
trans-1,2-Dichloroethene	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	78-87-5	
1,3-Dichloropropane	<0.013	mg/kg	0.062	0.013	1	10/28/21 08:45	10/29/21 17:50	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/28/21 08:45	10/29/21 17:50	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 17:50	10061-02-6	
Diisopropyl ether	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 17:50	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.062	0.019	1	10/28/21 08:45	10/29/21 17:50	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.062	0.017	1	10/28/21 08:45	10/29/21 17:50	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	1634-04-4	
Naphthalene	<0.019	mg/kg	0.31	0.019	1	10/28/21 08:45	10/29/21 17:50	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	103-65-1	
Styrene	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.062	0.015	1	10/28/21 08:45	10/29/21 17:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.062	0.022	1	10/28/21 08:45	10/29/21 17:50	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.062	0.024	1	10/28/21 08:45	10/29/21 17:50	127-18-4	
Toluene	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	108-88-3	
1,2,3-Trichlorobenzene	<0.069	mg/kg	0.31	0.069	1	10/28/21 08:45	10/29/21 17:50	87-61-6	
1,2,4-Trichlorobenzene	<0.051	mg/kg	0.31	0.051	1	10/28/21 08:45	10/29/21 17:50	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.062	0.016	1	10/28/21 08:45	10/29/21 17:50	71-55-6	
1,1,2-Trichloroethane	<0.022	mg/kg	0.062	0.022	1	10/28/21 08:45	10/29/21 17:50	79-00-5	
Trichloroethene	<0.023	mg/kg	0.062	0.023	1	10/28/21 08:45	10/29/21 17:50	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (0-5) **Lab ID: 40235717027** Collected: 10/22/21 11:27 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.030	mg/kg	0.062	0.030	1	10/28/21 08:45	10/29/21 17:50	96-18-4	
1,2,4-Trimethylbenzene	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.062	0.020	1	10/28/21 08:45	10/29/21 17:50	108-67-8	
Vinyl chloride	<0.012	mg/kg	0.062	0.012	1	10/28/21 08:45	10/29/21 17:50	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.12	0.026	1	10/28/21 08:45	10/29/21 17:50	179601-23-1	
o-Xylene	<0.018	mg/kg	0.062	0.018	1	10/28/21 08:45	10/29/21 17:50	95-47-6	
Surrogates									
Toluene-d8 (S)	118	%	67-159		1	10/28/21 08:45	10/29/21 17:50	2037-26-5	
4-Bromofluorobenzene (S)	121	%	66-153		1	10/28/21 08:45	10/29/21 17:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 17:50	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	10.4	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.0J	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:30	7440-38-2	
Barium	38.2	mg/kg	0.53	0.16	1	10/26/21 06:50	10/26/21 14:30	7440-39-3	
Cadmium	0.17J	mg/kg	0.53	0.14	1	10/26/21 06:50	10/26/21 14:30	7440-43-9	
Chromium	12.1	mg/kg	1.1	0.29	1	10/26/21 06:50	10/26/21 14:30	7440-47-3	
Lead	4.9	mg/kg	2.1	0.64	1	10/26/21 06:50	10/26/21 14:30	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:30	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	10/26/21 06:50	10/26/21 14:30	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.036	0.010	1	11/02/21 12:22	11/03/21 11:23	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 14:11	83-32-9	
Acenaphthylene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 14:11	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 14:11	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 14:11	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 14:11	50-32-8	
Benzo(b)fluoranthene	<0.032	mg/kg	0.11	0.032	1	11/01/21 13:48	11/02/21 14:11	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 14:11	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 14:11	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 14:11	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 14:11	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 14:11	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 14:11	206-44-0	
Fluorene	<0.022	mg/kg	0.073	0.022	1	11/01/21 13:48	11/02/21 14:11	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 14:11	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 14:11	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 14:11	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 14:11	91-20-3	
Phenanthrene	<0.024	mg/kg	0.080	0.024	1	11/01/21 13:48	11/02/21 14:11	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 14:11	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	81	%	40-96		1	11/01/21 13:48	11/02/21 14:11	4165-60-0	
2-Fluorobiphenyl (S)	72	%	14-110		1	11/01/21 13:48	11/02/21 14:11	321-60-8	
Terphenyl-d14 (S)	72	%	10-121		1	11/01/21 13:48	11/02/21 14:11	1718-51-0	
Phenol-d6 (S)	75	%	14-104		1	11/01/21 13:48	11/02/21 14:11	13127-88-3	
2-Fluorophenol (S)	80	%	10-112		1	11/01/21 13:48	11/02/21 14:11	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-128		1	11/01/21 13:48	11/02/21 14:11	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/28/21 08:45	10/29/21 18:09	71-43-2	
Bromobenzene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	75-27-4	
Bromoform	<0.28	mg/kg	0.31	0.28	1	10/28/21 08:45	10/29/21 18:09	75-25-2	
Bromomethane	<0.088	mg/kg	0.31	0.088	1	10/28/21 08:45	10/29/21 18:09	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/28/21 08:45	10/29/21 18:09	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	56-23-5	
Chlorobenzene	<0.0075	mg/kg	0.063	0.0075	1	10/28/21 08:45	10/29/21 18:09	108-90-7	
Chloroethane	<0.026	mg/kg	0.31	0.026	1	10/28/21 08:45	10/29/21 18:09	75-00-3	
Chloroform	<0.045	mg/kg	0.31	0.045	1	10/28/21 08:45	10/29/21 18:09	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	74-87-3	
2-Chlorotoluene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.31	0.049	1	10/28/21 08:45	10/29/21 18:09	96-12-8	
Dibromochloromethane	<0.21	mg/kg	0.31	0.21	1	10/28/21 08:45	10/29/21 18:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	74-95-3	
1,2-Dichlorobenzene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/28/21 08:45	10/29/21 18:09	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	75-34-3	
1,2-Dichloroethane	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/28/21 08:45	10/29/21 18:09	75-35-4	
cis-1,2-Dichloroethene	<0.013	mg/kg	0.063	0.013	1	10/28/21 08:45	10/29/21 18:09	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/28/21 08:45	10/29/21 18:09	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	594-20-7	
1,1-Dichloropropene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	563-58-6	
cis-1,3-Dichloropropene	<0.041	mg/kg	0.31	0.041	1	10/28/21 08:45	10/29/21 18:09	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.31	0.18	1	10/28/21 08:45	10/29/21 18:09	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	100-41-4	
Hexachloro-1,3-butadiene	<0.12	mg/kg	0.31	0.12	1	10/28/21 08:45	10/29/21 18:09	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	99-87-6	
Methylene Chloride	<0.017	mg/kg	0.063	0.017	1	10/28/21 08:45	10/29/21 18:09	75-09-2	
Methyl-tert-butyl ether	<0.018	mg/kg	0.063	0.018	1	10/28/21 08:45	10/29/21 18:09	1634-04-4	
Naphthalene	<0.020	mg/kg	0.31	0.020	1	10/28/21 08:45	10/29/21 18:09	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/28/21 08:45	10/29/21 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-34-5	
Tetrachloroethene	<0.024	mg/kg	0.063	0.024	1	10/28/21 08:45	10/29/21 18:09	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	108-88-3	
1,2,3-Trichlorobenzene	<0.070	mg/kg	0.31	0.070	1	10/28/21 08:45	10/29/21 18:09	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.31	0.052	1	10/28/21 08:45	10/29/21 18:09	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/28/21 08:45	10/29/21 18:09	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-00-5	
Trichloroethene	<0.023	mg/kg	0.063	0.023	1	10/28/21 08:45	10/29/21 18:09	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/28/21 08:45	10/29/21 18:09	75-69-4	
1,2,3-Trichloropropane	<0.030	mg/kg	0.063	0.030	1	10/28/21 08:45	10/29/21 18:09	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/28/21 08:45	10/29/21 18:09	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/28/21 08:45	10/29/21 18:09	75-01-4	
m&p-Xylene	<0.026	mg/kg	0.13	0.026	1	10/28/21 08:45	10/29/21 18:09	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/28/21 08:45	10/29/21 18:09	95-47-6	
Surrogates									
Toluene-d8 (S)	113	%	67-159		1	10/28/21 08:45	10/29/21 18:09	2037-26-5	
4-Bromofluorobenzene (S)	122	%	66-153		1	10/28/21 08:45	10/29/21 18:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	10/28/21 08:45	10/29/21 18:09	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-14 (15-20) **Lab ID: 40235717028** Collected: 10/22/21 11:50 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.1	%	0.10	0.10	1		10/26/21 09:35		

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	10/26/21 06:50	10/26/21 14:33	7440-38-2	
Barium	43.6	mg/kg	0.52	0.16	1	10/26/21 06:50	10/26/21 14:33	7440-39-3	
Cadmium	0.22J	mg/kg	0.52	0.14	1	10/26/21 06:50	10/26/21 14:33	7440-43-9	
Chromium	19.5	mg/kg	1.0	0.29	1	10/26/21 06:50	10/26/21 14:33	7440-47-3	
Lead	6.3	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:33	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:33	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 06:50	10/26/21 14:33	7440-22-4	

7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471

Pace Analytical Services - Green Bay

Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 12:22	11/03/21 11:25	7439-97-6	
---------	--------	-------	-------	-------	---	----------------	----------------	-----------	--

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Green Bay

Acenaphthene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 11:02	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 11:02	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 11:02	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.099	0.030	1	11/01/21 13:48	11/02/21 11:02	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 11:02	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 11:02	205-99-2	
Benzo(g,h,i)perylene	0.072J	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:02	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 11:02	207-08-9	
Chrysene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 11:02	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 11:02	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	11/01/21 13:48	11/02/21 11:02	123-91-1	
Fluoranthene	<0.027	mg/kg	0.090	0.027	1	11/01/21 13:48	11/02/21 11:02	206-44-0	
Fluorene	<0.022	mg/kg	0.075	0.022	1	11/01/21 13:48	11/02/21 11:02	86-73-7	
Indeno(1,2,3-cd)pyrene	0.060J	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 11:02	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 11:02	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 11:02	91-57-6	
Naphthalene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 11:02	91-20-3	
Phenanthrene	<0.025	mg/kg	0.082	0.025	1	11/01/21 13:48	11/02/21 11:02	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 11:02	129-00-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Surrogates

Nitrobenzene-d5 (S)	62	%	40-96		1	11/01/21 13:48	11/02/21 11:02	4165-60-0	
2-Fluorobiphenyl (S)	49	%	14-110		1	11/01/21 13:48	11/02/21 11:02	321-60-8	
Terphenyl-d14 (S)	63	%	10-121		1	11/01/21 13:48	11/02/21 11:02	1718-51-0	
Phenol-d6 (S)	62	%	14-104		1	11/01/21 13:48	11/02/21 11:02	13127-88-3	
2-Fluorophenol (S)	61	%	10-112		1	11/01/21 13:48	11/02/21 11:02	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-128		1	11/01/21 13:48	11/02/21 11:02	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.026	0.015	1	10/28/21 08:45	10/29/21 18:29	71-43-2	
Bromobenzene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/28/21 08:45	10/29/21 18:29	75-25-2	
Bromomethane	<0.091	mg/kg	0.32	0.091	1	10/28/21 08:45	10/29/21 18:29	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.065	0.030	1	10/28/21 08:45	10/29/21 18:29	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	56-23-5	
Chlorobenzene	<0.0077	mg/kg	0.065	0.0077	1	10/28/21 08:45	10/29/21 18:29	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/28/21 08:45	10/29/21 18:29	75-00-3	
Chloroform	<0.046	mg/kg	0.32	0.046	1	10/28/21 08:45	10/29/21 18:29	67-66-3	
Chloromethane	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	<0.050	mg/kg	0.32	0.050	1	10/28/21 08:45	10/29/21 18:29	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/28/21 08:45	10/29/21 18:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	106-93-4	
Dibromomethane	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.065	0.028	1	10/28/21 08:45	10/29/21 18:29	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.065	0.014	1	10/28/21 08:45	10/29/21 18:29	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.32	0.043	1	10/28/21 08:45	10/29/21 18:29	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-3 (8-10) **Lab ID: 40235717029** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/28/21 08:45	10/29/21 18:29	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.065	0.015	1	10/28/21 08:45	10/29/21 18:29	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/28/21 08:45	10/29/21 18:29	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.065	0.020	1	10/28/21 08:45	10/29/21 18:29	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.065	0.018	1	10/28/21 08:45	10/29/21 18:29	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/28/21 08:45	10/29/21 18:29	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	103-65-1	
Styrene	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.065	0.023	1	10/28/21 08:45	10/29/21 18:29	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.065	0.025	1	10/28/21 08:45	10/29/21 18:29	127-18-4	
Toluene	<0.016	mg/kg	0.065	0.016	1	10/28/21 08:45	10/29/21 18:29	108-88-3	
1,2,3-Trichlorobenzene	<0.072	mg/kg	0.32	0.072	1	10/28/21 08:45	10/29/21 18:29	87-61-6	
1,2,4-Trichlorobenzene	<0.053	mg/kg	0.32	0.053	1	10/28/21 08:45	10/29/21 18:29	120-82-1	
1,1,1-Trichloroethane	<0.017	mg/kg	0.065	0.017	1	10/28/21 08:45	10/29/21 18:29	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.065	0.024	1	10/28/21 08:45	10/29/21 18:29	79-00-5	
Trichloroethene	2.5	mg/kg	0.065	0.024	1	10/28/21 08:45	10/29/21 18:29	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.065	0.031	1	10/28/21 08:45	10/29/21 18:29	96-18-4	
1,2,4-Trimethylbenzene	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.065	0.021	1	10/28/21 08:45	10/29/21 18:29	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.065	0.013	1	10/28/21 08:45	10/29/21 18:29	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/28/21 08:45	10/29/21 18:29	179601-23-1	
o-Xylene	<0.019	mg/kg	0.065	0.019	1	10/28/21 08:45	10/29/21 18:29	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	67-159		1	10/28/21 08:45	10/29/21 18:29	2037-26-5	
4-Bromofluorobenzene (S)	125	%	66-153		1	10/28/21 08:45	10/29/21 18:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	82-158		1	10/28/21 08:45	10/29/21 18:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.8	%	0.10	0.10	1		10/26/21 09:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	1.8J	mg/kg	2.9	1.7	1	10/26/21 06:50	10/26/21 14:36	7440-38-2	
Barium	56.3	mg/kg	0.58	0.17	1	10/26/21 06:50	10/26/21 14:36	7440-39-3	
Cadmium	0.31J	mg/kg	0.58	0.15	1	10/26/21 06:50	10/26/21 14:36	7440-43-9	
Chromium	14.5	mg/kg	1.2	0.32	1	10/26/21 06:50	10/26/21 14:36	7440-47-3	
Lead	6.5	mg/kg	2.3	0.69	1	10/26/21 06:50	10/26/21 14:36	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	10/26/21 06:50	10/26/21 14:36	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	10/26/21 06:50	10/26/21 14:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.039	0.011	1	11/02/21 12:22	11/03/21 11:28	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 14:32	83-32-9	
Acenaphthylene	<0.069	mg/kg	0.23	0.069	1	11/01/21 13:48	11/02/21 14:32	208-96-8	
Anthracene	<0.031	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 14:32	120-12-7	
Benzo(a)anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 14:32	56-55-3	
Benzo(a)pyrene	<0.029	mg/kg	0.097	0.029	1	11/01/21 13:48	11/02/21 14:32	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 14:32	205-99-2	
Benzo(g,h,i)perylene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 14:32	191-24-2	
Benzo(k)fluoranthene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 14:32	207-08-9	
Chrysene	<0.029	mg/kg	0.096	0.029	1	11/01/21 13:48	11/02/21 14:32	218-01-9	
Dibenz(a,h)anthracene	<0.052	mg/kg	0.17	0.052	1	11/01/21 13:48	11/02/21 14:32	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.35	0.10	1	11/01/21 13:48	11/02/21 14:32	123-91-1	
Fluoranthene	<0.027	mg/kg	0.091	0.027	1	11/01/21 13:48	11/02/21 14:32	206-44-0	
Fluorene	<0.023	mg/kg	0.075	0.023	1	11/01/21 13:48	11/02/21 14:32	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 14:32	193-39-5	
1-Methylnaphthalene	<0.055	mg/kg	0.18	0.055	1	11/01/21 13:48	11/02/21 14:32	90-12-0	
2-Methylnaphthalene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 14:32	91-57-6	
Naphthalene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 14:32	91-20-3	
Phenanthrene	<0.025	mg/kg	0.083	0.025	1	11/01/21 13:48	11/02/21 14:32	85-01-8	
Pyrene	<0.043	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 14:32	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	82	%	40-96		1	11/01/21 13:48	11/02/21 14:32	4165-60-0	
2-Fluorobiphenyl (S)	73	%	14-110		1	11/01/21 13:48	11/02/21 14:32	321-60-8	
Terphenyl-d14 (S)	80	%	10-121		1	11/01/21 13:48	11/02/21 14:32	1718-51-0	
Phenol-d6 (S)	76	%	14-104		1	11/01/21 13:48	11/02/21 14:32	13127-88-3	
2-Fluorophenol (S)	79	%	10-112		1	11/01/21 13:48	11/02/21 14:32	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-128		1	11/01/21 13:48	11/02/21 14:32	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.016	mg/kg	0.026	0.016	1	10/28/21 08:45	10/29/21 18:48	71-43-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 18:48	108-86-1	
Bromochloromethane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	74-97-5	
Bromodichloromethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	75-27-4	
Bromoform	<0.29	mg/kg	0.33	0.29	1	10/28/21 08:45	10/29/21 18:48	75-25-2	
Bromomethane	<0.092	mg/kg	0.33	0.092	1	10/28/21 08:45	10/29/21 18:48	74-83-9	
n-Butylbenzene	<0.030	mg/kg	0.066	0.030	1	10/28/21 08:45	10/29/21 18:48	104-51-8	
sec-Butylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	135-98-8	
tert-Butylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	56-23-5	
Chlorobenzene	<0.0079	mg/kg	0.066	0.0079	1	10/28/21 08:45	10/29/21 18:48	108-90-7	
Chloroethane	<0.028	mg/kg	0.33	0.028	1	10/28/21 08:45	10/29/21 18:48	75-00-3	
Chloroform	<0.047	mg/kg	0.33	0.047	1	10/28/21 08:45	10/29/21 18:48	67-66-3	
Chloromethane	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	95-49-8	
4-Chlorotoluene	<0.025	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.051	mg/kg	0.33	0.051	1	10/28/21 08:45	10/29/21 18:48	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.33	0.22	1	10/28/21 08:45	10/29/21 18:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	106-93-4	
Dibromomethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-50-1	
1,3-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	541-73-1	
1,4-Dichlorobenzene	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	106-46-7	
Dichlorodifluoromethane	<0.028	mg/kg	0.066	0.028	1	10/28/21 08:45	10/29/21 18:48	75-71-8	
1,1-Dichloroethane	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.066	0.015	1	10/28/21 08:45	10/29/21 18:48	107-06-2	
1,1-Dichloroethene	<0.022	mg/kg	0.066	0.022	1	10/28/21 08:45	10/29/21 18:48	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	156-60-5	
1,2-Dichloropropane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.066	0.014	1	10/28/21 08:45	10/29/21 18:48	142-28-9	
2,2-Dichloropropane	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	563-58-6	
cis-1,3-Dichloropropene	<0.043	mg/kg	0.33	0.043	1	10/28/21 08:45	10/29/21 18:48	10061-01-5	
trans-1,3-Dichloropropene	<0.19	mg/kg	0.33	0.19	1	10/28/21 08:45	10/29/21 18:48	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	108-20-3	
Ethylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.33	0.13	1	10/28/21 08:45	10/29/21 18:48	87-68-3	
Isopropylbenzene (Cumene)	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	98-82-8	
p-Isopropyltoluene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.066	0.018	1	10/28/21 08:45	10/29/21 18:48	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	1634-04-4	
Naphthalene	<0.021	mg/kg	0.33	0.021	1	10/28/21 08:45	10/29/21 18:48	91-20-3	
n-Propylbenzene	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	103-65-1	
Styrene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-4 (8-10) **Lab ID: 40235717030** Collected: 10/21/21 10:02 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.016	mg/kg	0.066	0.016	1	10/28/21 08:45	10/29/21 18:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 18:48	79-34-5	
Tetrachloroethene	<0.026	mg/kg	0.066	0.026	1	10/28/21 08:45	10/29/21 18:48	127-18-4	
Toluene	<0.017	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	108-88-3	
1,2,3-Trichlorobenzene	<0.073	mg/kg	0.33	0.073	1	10/28/21 08:45	10/29/21 18:48	87-61-6	
1,2,4-Trichlorobenzene	<0.054	mg/kg	0.33	0.054	1	10/28/21 08:45	10/29/21 18:48	120-82-1	
1,1,1-Trichloroethane	0.065J	mg/kg	0.066	0.017	1	10/28/21 08:45	10/29/21 18:48	71-55-6	
1,1,2-Trichloroethane	<0.024	mg/kg	0.066	0.024	1	10/28/21 08:45	10/29/21 18:48	79-00-5	
Trichloroethene	1.6	mg/kg	0.066	0.025	1	10/28/21 08:45	10/29/21 18:48	79-01-6	
Trichlorofluoromethane	<0.019	mg/kg	0.066	0.019	1	10/28/21 08:45	10/29/21 18:48	75-69-4	
1,2,3-Trichloropropane	<0.032	mg/kg	0.066	0.032	1	10/28/21 08:45	10/29/21 18:48	96-18-4	
1,2,4-Trimethylbenzene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-63-6	
1,3,5-Trimethylbenzene	<0.021	mg/kg	0.066	0.021	1	10/28/21 08:45	10/29/21 18:48	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.066	0.013	1	10/28/21 08:45	10/29/21 18:48	75-01-4	
m&p-Xylene	<0.028	mg/kg	0.13	0.028	1	10/28/21 08:45	10/29/21 18:48	179601-23-1	
o-Xylene	<0.020	mg/kg	0.066	0.020	1	10/28/21 08:45	10/29/21 18:48	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	67-159		1	10/28/21 08:45	10/29/21 18:48	2037-26-5	
4-Bromofluorobenzene (S)	123	%	66-153		1	10/28/21 08:45	10/29/21 18:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	10/28/21 08:45	10/29/21 18:48	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Green Bay

Percent Moisture **13.6** % 0.10 0.10 1 10/26/21 09:35

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.5	mg/kg	2.6	1.5	1	10/26/21 06:50	10/26/21 14:45	7440-38-2	
Barium	13.1	mg/kg	0.52	0.16	1	10/26/21 06:50	10/26/21 14:45	7440-39-3	
Cadmium	<0.14	mg/kg	0.52	0.14	1	10/26/21 06:50	10/26/21 14:45	7440-43-9	
Chromium	6.4	mg/kg	1.0	0.29	1	10/26/21 06:50	10/26/21 14:45	7440-47-3	
Lead	5.6	mg/kg	2.1	0.63	1	10/26/21 06:50	10/26/21 14:45	7439-92-1	
Selenium	<1.4	mg/kg	4.2	1.4	1	10/26/21 06:50	10/26/21 14:45	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	10/26/21 06:50	10/26/21 14:45	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.0099	mg/kg	0.035	0.0099	1	11/02/21 12:22	11/03/21 11:30	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.063	mg/kg	0.21	0.063	1	11/01/21 13:48	11/02/21 15:35	83-32-9	
Acenaphthylene	<0.064	mg/kg	0.21	0.064	1	11/01/21 13:48	11/02/21 15:35	208-96-8	
Anthracene	<0.029	mg/kg	0.095	0.029	1	11/01/21 13:48	11/02/21 15:35	120-12-7	
Benzo(a)anthracene	<0.028	mg/kg	0.092	0.028	1	11/01/21 13:48	11/02/21 15:35	56-55-3	
Benzo(a)pyrene	0.078J	mg/kg	0.090	0.027	1	11/01/21 13:48	11/02/21 15:35	50-32-8	
Benzo(b)fluoranthene	0.051J	mg/kg	0.10	0.031	1	11/01/21 13:48	11/02/21 15:35	205-99-2	
Benzo(g,h,i)perylene	0.087J	mg/kg	0.16	0.047	1	11/01/21 13:48	11/02/21 15:35	191-24-2	
Benzo(k)fluoranthene	0.050J	mg/kg	0.14	0.043	1	11/01/21 13:48	11/02/21 15:35	207-08-9	
Chrysene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 15:35	218-01-9	
Dibenz(a,h)anthracene	0.081J	mg/kg	0.16	0.048	1	11/01/21 13:48	11/02/21 15:35	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.097	mg/kg	0.32	0.097	1	11/01/21 13:48	11/02/21 15:35	123-91-1	
Fluoranthene	<0.025	mg/kg	0.084	0.025	1	11/01/21 13:48	11/02/21 15:35	206-44-0	
Fluorene	<0.021	mg/kg	0.070	0.021	1	11/01/21 13:48	11/02/21 15:35	86-73-7	
Indeno(1,2,3-cd)pyrene	0.12J	mg/kg	0.13	0.039	1	11/01/21 13:48	11/02/21 15:35	193-39-5	
1-Methylnaphthalene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 15:35	90-12-0	
2-Methylnaphthalene	<0.046	mg/kg	0.15	0.046	1	11/01/21 13:48	11/02/21 15:35	91-57-6	
Naphthalene	<0.062	mg/kg	0.21	0.062	1	11/01/21 13:48	11/02/21 15:35	91-20-3	
Phenanthrene	<0.023	mg/kg	0.076	0.023	1	11/01/21 13:48	11/02/21 15:35	85-01-8	
Pyrene	<0.040	mg/kg	0.13	0.040	1	11/01/21 13:48	11/02/21 15:35	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	84	%	40-96		1	11/01/21 13:48	11/02/21 15:35	4165-60-0	
2-Fluorobiphenyl (S)	81	%	14-110		1	11/01/21 13:48	11/02/21 15:35	321-60-8	
Terphenyl-d14 (S)	93	%	10-121		1	11/01/21 13:48	11/02/21 15:35	1718-51-0	
Phenol-d6 (S)	79	%	14-104		1	11/01/21 13:48	11/02/21 15:35	13127-88-3	
2-Fluorophenol (S)	80	%	10-112		1	11/01/21 13:48	11/02/21 15:35	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-128		1	11/01/21 13:48	11/02/21 15:35	118-79-6	
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.014	mg/kg	0.023	0.014	1	10/28/21 08:45	10/29/21 19:08	71-43-2	
Bromobenzene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	108-86-1	
Bromochloromethane	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	74-97-5	
Bromodichloromethane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	75-27-4	
Bromoform	<0.25	mg/kg	0.28	0.25	1	10/28/21 08:45	10/29/21 19:08	75-25-2	
Bromomethane	<0.080	mg/kg	0.28	0.080	1	10/28/21 08:45	10/29/21 19:08	74-83-9	
n-Butylbenzene	<0.026	mg/kg	0.057	0.026	1	10/28/21 08:45	10/29/21 19:08	104-51-8	
sec-Butylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	135-98-8	
tert-Butylbenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	98-06-6	
Carbon tetrachloride	<0.013	mg/kg	0.057	0.013	1	10/28/21 08:45	10/29/21 19:08	56-23-5	
Chlorobenzene	<0.0068	mg/kg	0.057	0.0068	1	10/28/21 08:45	10/29/21 19:08	108-90-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroethane	<0.024	mg/kg	0.28	0.024	1	10/28/21 08:45	10/29/21 19:08	75-00-3	
Chloroform	<0.041	mg/kg	0.28	0.041	1	10/28/21 08:45	10/29/21 19:08	67-66-3	
Chloromethane	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	74-87-3	
2-Chlorotoluene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	95-49-8	
4-Chlorotoluene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	<0.044	mg/kg	0.28	0.044	1	10/28/21 08:45	10/29/21 19:08	96-12-8	
Dibromochloromethane	<0.19	mg/kg	0.28	0.19	1	10/28/21 08:45	10/29/21 19:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	106-93-4	
Dibromomethane	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	74-95-3	
1,2-Dichlorobenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	95-50-1	
1,3-Dichlorobenzene	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	541-73-1	
1,4-Dichlorobenzene	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	106-46-7	
Dichlorodifluoromethane	<0.024	mg/kg	0.057	0.024	1	10/28/21 08:45	10/29/21 19:08	75-71-8	
1,1-Dichloroethane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	75-34-3	
1,2-Dichloroethane	<0.013	mg/kg	0.057	0.013	1	10/28/21 08:45	10/29/21 19:08	107-06-2	
1,1-Dichloroethene	<0.019	mg/kg	0.057	0.019	1	10/28/21 08:45	10/29/21 19:08	75-35-4	
cis-1,2-Dichloroethene	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	156-59-2	
trans-1,2-Dichloroethene	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	156-60-5	
1,2-Dichloropropane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	78-87-5	
1,3-Dichloropropane	<0.012	mg/kg	0.057	0.012	1	10/28/21 08:45	10/29/21 19:08	142-28-9	
2,2-Dichloropropane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	594-20-7	
1,1-Dichloropropene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	563-58-6	
cis-1,3-Dichloropropene	<0.038	mg/kg	0.28	0.038	1	10/28/21 08:45	10/29/21 19:08	10061-01-5	
trans-1,3-Dichloropropene	<0.16	mg/kg	0.28	0.16	1	10/28/21 08:45	10/29/21 19:08	10061-02-6	
Diisopropyl ether	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	108-20-3	
Ethylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	100-41-4	
Hexachloro-1,3-butadiene	<0.11	mg/kg	0.28	0.11	1	10/28/21 08:45	10/29/21 19:08	87-68-3	
Isopropylbenzene (Cumene)	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	98-82-8	
p-Isopropyltoluene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	99-87-6	
Methylene Chloride	<0.016	mg/kg	0.057	0.016	1	10/28/21 08:45	10/29/21 19:08	75-09-2	
Methyl-tert-butyl ether	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	1634-04-4	
Naphthalene	<0.018	mg/kg	0.28	0.018	1	10/28/21 08:45	10/29/21 19:08	91-20-3	
n-Propylbenzene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	103-65-1	
Styrene	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	<0.021	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-34-5	
Tetrachloroethene	<0.022	mg/kg	0.057	0.022	1	10/28/21 08:45	10/29/21 19:08	127-18-4	
Toluene	<0.014	mg/kg	0.057	0.014	1	10/28/21 08:45	10/29/21 19:08	108-88-3	
1,2,3-Trichlorobenzene	<0.063	mg/kg	0.28	0.063	1	10/28/21 08:45	10/29/21 19:08	87-61-6	
1,2,4-Trichlorobenzene	<0.047	mg/kg	0.28	0.047	1	10/28/21 08:45	10/29/21 19:08	120-82-1	
1,1,1-Trichloroethane	<0.015	mg/kg	0.057	0.015	1	10/28/21 08:45	10/29/21 19:08	71-55-6	
1,1,2-Trichloroethane	<0.021	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-00-5	
Trichloroethene	0.23	mg/kg	0.057	0.021	1	10/28/21 08:45	10/29/21 19:08	79-01-6	
Trichlorofluoromethane	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	75-69-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-5 (12-15) **Lab ID: 40235717031** Collected: 10/21/21 11:31 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,3-Trichloropropane	<0.028	mg/kg	0.057	0.028	1	10/28/21 08:45	10/29/21 19:08	96-18-4	
1,2,4-Trimethylbenzene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	95-63-6	
1,3,5-Trimethylbenzene	<0.018	mg/kg	0.057	0.018	1	10/28/21 08:45	10/29/21 19:08	108-67-8	
Vinyl chloride	<0.011	mg/kg	0.057	0.011	1	10/28/21 08:45	10/29/21 19:08	75-01-4	
m&p-Xylene	<0.024	mg/kg	0.11	0.024	1	10/28/21 08:45	10/29/21 19:08	179601-23-1	
o-Xylene	<0.017	mg/kg	0.057	0.017	1	10/28/21 08:45	10/29/21 19:08	95-47-6	
Surrogates									
Toluene-d8 (S)	110	%	67-159		1	10/28/21 08:45	10/29/21 19:08	2037-26-5	
4-Bromofluorobenzene (S)	115	%	66-153		1	10/28/21 08:45	10/29/21 19:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	10/28/21 08:45	10/29/21 19:08	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	6.5	%	0.10	0.10	1		10/26/21 09:36		

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.1J	mg/kg	2.7	1.6	1	10/26/21 06:50	10/26/21 14:48	7440-38-2	
Barium	11.4	mg/kg	0.55	0.16	1	10/26/21 06:50	10/26/21 14:48	7440-39-3	
Cadmium	0.24J	mg/kg	0.55	0.15	1	10/26/21 06:50	10/26/21 14:48	7440-43-9	
Chromium	5.9	mg/kg	1.1	0.30	1	10/26/21 06:50	10/26/21 14:48	7440-47-3	
Lead	4.0	mg/kg	2.2	0.66	1	10/26/21 06:50	10/26/21 14:48	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	10/26/21 06:50	10/26/21 14:48	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	10/26/21 06:50	10/26/21 14:48	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	11/02/21 12:22	11/03/21 11:32	7439-97-6	
8270E MSSV FULL LIST MICROWAVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<0.067	mg/kg	0.22	0.067	1	11/01/21 13:48	11/02/21 13:50	83-32-9	
Acenaphthylene	<0.068	mg/kg	0.23	0.068	1	11/01/21 13:48	11/02/21 13:50	208-96-8	
Anthracene	<0.030	mg/kg	0.10	0.030	1	11/01/21 13:48	11/02/21 13:50	120-12-7	
Benzo(a)anthracene	<0.029	mg/kg	0.098	0.029	1	11/01/21 13:48	11/02/21 13:50	56-55-3	
Benzo(a)pyrene	<0.028	mg/kg	0.095	0.028	1	11/01/21 13:48	11/02/21 13:50	50-32-8	
Benzo(b)fluoranthene	<0.033	mg/kg	0.11	0.033	1	11/01/21 13:48	11/02/21 13:50	205-99-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
------------	---------	-------	-----	-----	----	----------	----------	---------	------

8270E MSSV FULL LIST MICROWAVE Analytical Method: EPA 8270E Preparation Method: EPA 3546
Pace Analytical Services - Green Bay

Benzo(g,h,i)perylene	<0.050	mg/kg	0.17	0.050	1	11/01/21 13:48	11/02/21 13:50	191-24-2	
Benzo(k)fluoranthene	<0.045	mg/kg	0.15	0.045	1	11/01/21 13:48	11/02/21 13:50	207-08-9	
Chrysene	<0.028	mg/kg	0.094	0.028	1	11/01/21 13:48	11/02/21 13:50	218-01-9	
Dibenz(a,h)anthracene	<0.051	mg/kg	0.17	0.051	1	11/01/21 13:48	11/02/21 13:50	53-70-3	
1,4-Dioxane (p-Dioxane)	<0.10	mg/kg	0.34	0.10	1	11/01/21 13:48	11/02/21 13:50	123-91-1	
Fluoranthene	<0.027	mg/kg	0.089	0.027	1	11/01/21 13:48	11/02/21 13:50	206-44-0	
Fluorene	<0.022	mg/kg	0.074	0.022	1	11/01/21 13:48	11/02/21 13:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.041	mg/kg	0.14	0.041	1	11/01/21 13:48	11/02/21 13:50	193-39-5	
1-Methylnaphthalene	<0.054	mg/kg	0.18	0.054	1	11/01/21 13:48	11/02/21 13:50	90-12-0	
2-Methylnaphthalene	<0.049	mg/kg	0.16	0.049	1	11/01/21 13:48	11/02/21 13:50	91-57-6	
Naphthalene	<0.066	mg/kg	0.22	0.066	1	11/01/21 13:48	11/02/21 13:50	91-20-3	
Phenanthrene	<0.024	mg/kg	0.081	0.024	1	11/01/21 13:48	11/02/21 13:50	85-01-8	
Pyrene	<0.042	mg/kg	0.14	0.042	1	11/01/21 13:48	11/02/21 13:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	90	%	40-96		1	11/01/21 13:48	11/02/21 13:50	4165-60-0	
2-Fluorobiphenyl (S)	80	%	14-110		1	11/01/21 13:48	11/02/21 13:50	321-60-8	
Terphenyl-d14 (S)	95	%	10-121		1	11/01/21 13:48	11/02/21 13:50	1718-51-0	
Phenol-d6 (S)	85	%	14-104		1	11/01/21 13:48	11/02/21 13:50	13127-88-3	
2-Fluorophenol (S)	89	%	10-112		1	11/01/21 13:48	11/02/21 13:50	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-128		1	11/01/21 13:48	11/02/21 13:50	118-79-6	

8260 MSV Med Level Full List Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B
Pace Analytical Services - Green Bay

Benzene	<0.015	mg/kg	0.025	0.015	1	10/29/21 09:30	11/01/21 13:28	71-43-2	
Bromobenzene	<0.025	mg/kg	0.063	0.025	1	10/29/21 09:30	11/01/21 13:28	108-86-1	
Bromochloromethane	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	74-97-5	
Bromodichloromethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	75-27-4	
Bromoform	<0.28	mg/kg	0.32	0.28	1	10/29/21 09:30	11/01/21 13:28	75-25-2	
Bromomethane	<0.089	mg/kg	0.32	0.089	1	10/29/21 09:30	11/01/21 13:28	74-83-9	
n-Butylbenzene	<0.029	mg/kg	0.063	0.029	1	10/29/21 09:30	11/01/21 13:28	104-51-8	
sec-Butylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	135-98-8	
tert-Butylbenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	98-06-6	
Carbon tetrachloride	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	56-23-5	
Chlorobenzene	<0.0076	mg/kg	0.063	0.0076	1	10/29/21 09:30	11/01/21 13:28	108-90-7	
Chloroethane	<0.027	mg/kg	0.32	0.027	1	10/29/21 09:30	11/01/21 13:28	75-00-3	
Chloroform	<0.045	mg/kg	0.32	0.045	1	10/29/21 09:30	11/01/21 13:28	67-66-3	
Chloromethane	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	74-87-3	
2-Chlorotoluene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	95-49-8	
4-Chlorotoluene	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.049	mg/kg	0.32	0.049	1	10/29/21 09:30	11/01/21 13:28	96-12-8	
Dibromochloromethane	<0.22	mg/kg	0.32	0.22	1	10/29/21 09:30	11/01/21 13:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	106-93-4	
Dibromomethane	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	74-95-3	
1,2-Dichlorobenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	541-73-1	
1,4-Dichlorobenzene	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	106-46-7	
Dichlorodifluoromethane	<0.027	mg/kg	0.063	0.027	1	10/29/21 09:30	11/01/21 13:28	75-71-8	
1,1-Dichloroethane	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	75-34-3	
1,2-Dichloroethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	107-06-2	
1,1-Dichloroethene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	75-35-4	
cis-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	156-59-2	
trans-1,2-Dichloroethene	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	156-60-5	
1,2-Dichloropropane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	78-87-5	
1,3-Dichloropropane	<0.014	mg/kg	0.063	0.014	1	10/29/21 09:30	11/01/21 13:28	142-28-9	
2,2-Dichloropropane	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	594-20-7	
1,1-Dichloropropene	<0.021	mg/kg	0.063	0.021	1	10/29/21 09:30	11/01/21 13:28	563-58-6	
cis-1,3-Dichloropropene	<0.042	mg/kg	0.32	0.042	1	10/29/21 09:30	11/01/21 13:28	10061-01-5	
trans-1,3-Dichloropropene	<0.18	mg/kg	0.32	0.18	1	10/29/21 09:30	11/01/21 13:28	10061-02-6	
Diisopropyl ether	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	108-20-3	
Ethylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	100-41-4	
Hexachloro-1,3-butadiene	<0.13	mg/kg	0.32	0.13	1	10/29/21 09:30	11/01/21 13:28	87-68-3	
Isopropylbenzene (Cumene)	<0.017	mg/kg	0.063	0.017	1	10/29/21 09:30	11/01/21 13:28	98-82-8	
p-Isopropyltoluene	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	99-87-6	
Methylene Chloride	<0.018	mg/kg	0.063	0.018	1	10/29/21 09:30	11/01/21 13:28	75-09-2	
Methyl-tert-butyl ether	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	1634-04-4	
Naphthalene	<0.020	mg/kg	0.32	0.020	1	10/29/21 09:30	11/01/21 13:28	91-20-3	
n-Propylbenzene	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	103-65-1	
Styrene	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.015	mg/kg	0.063	0.015	1	10/29/21 09:30	11/01/21 13:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.063	0.023	1	10/29/21 09:30	11/01/21 13:28	79-34-5	
Tetrachloroethene	<0.025	mg/kg	0.063	0.025	1	10/29/21 09:30	11/01/21 13:28	127-18-4	
Toluene	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	108-88-3	
1,2,3-Trichlorobenzene	<0.071	mg/kg	0.32	0.071	1	10/29/21 09:30	11/01/21 13:28	87-61-6	
1,2,4-Trichlorobenzene	<0.052	mg/kg	0.32	0.052	1	10/29/21 09:30	11/01/21 13:28	120-82-1	
1,1,1-Trichloroethane	<0.016	mg/kg	0.063	0.016	1	10/29/21 09:30	11/01/21 13:28	71-55-6	
1,1,2-Trichloroethane	<0.023	mg/kg	0.063	0.023	1	10/29/21 09:30	11/01/21 13:28	79-00-5	
Trichloroethene	<0.024	mg/kg	0.063	0.024	1	10/29/21 09:30	11/01/21 13:28	79-01-6	
Trichlorofluoromethane	<0.018	mg/kg	0.063	0.018	1	10/29/21 09:30	11/01/21 13:28	75-69-4	
1,2,3-Trichloropropane	<0.031	mg/kg	0.063	0.031	1	10/29/21 09:30	11/01/21 13:28	96-18-4	
1,2,4-Trimethylbenzene	0.027J	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	95-63-6	
1,3,5-Trimethylbenzene	<0.020	mg/kg	0.063	0.020	1	10/29/21 09:30	11/01/21 13:28	108-67-8	
Vinyl chloride	<0.013	mg/kg	0.063	0.013	1	10/29/21 09:30	11/01/21 13:28	75-01-4	
m&p-Xylene	<0.027	mg/kg	0.13	0.027	1	10/29/21 09:30	11/01/21 13:28	179601-23-1	
o-Xylene	<0.019	mg/kg	0.063	0.019	1	10/29/21 09:30	11/01/21 13:28	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	67-159		1	10/29/21 09:30	11/01/21 13:28	2037-26-5	
4-Bromofluorobenzene (S)	90	%	66-153		1	10/29/21 09:30	11/01/21 13:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	10/29/21 09:30	11/01/21 13:28	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: SB-9 (9-10) **Lab ID: 40235717032** Collected: 10/21/21 13:37 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.8	%	0.10	0.10	1		10/26/21 09:36		

Sample: TRIP BLANK **Lab ID: 40235717033** Collected: 10/21/21 00:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<0.012	mg/kg	0.020	0.012	1	10/29/21 09:30	11/01/21 12:48	71-43-2	
Bromobenzene	<0.020	mg/kg	0.050	0.020	1	10/29/21 09:30	11/01/21 12:48	108-86-1	
Bromochloromethane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	74-97-5	
Bromodichloromethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	75-27-4	
Bromoform	<0.22	mg/kg	0.25	0.22	1	10/29/21 09:30	11/01/21 12:48	75-25-2	
Bromomethane	<0.070	mg/kg	0.25	0.070	1	10/29/21 09:30	11/01/21 12:48	74-83-9	
n-Butylbenzene	<0.023	mg/kg	0.050	0.023	1	10/29/21 09:30	11/01/21 12:48	104-51-8	
sec-Butylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	135-98-8	
tert-Butylbenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	98-06-6	
Carbon tetrachloride	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	56-23-5	
Chlorobenzene	<0.0060	mg/kg	0.050	0.0060	1	10/29/21 09:30	11/01/21 12:48	108-90-7	
Chloroethane	<0.021	mg/kg	0.25	0.021	1	10/29/21 09:30	11/01/21 12:48	75-00-3	
Chloroform	<0.036	mg/kg	0.25	0.036	1	10/29/21 09:30	11/01/21 12:48	67-66-3	
Chloromethane	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	74-87-3	
2-Chlorotoluene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	95-49-8	
4-Chlorotoluene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	<0.039	mg/kg	0.25	0.039	1	10/29/21 09:30	11/01/21 12:48	96-12-8	
Dibromochloromethane	<0.17	mg/kg	0.25	0.17	1	10/29/21 09:30	11/01/21 12:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	106-93-4	
Dibromomethane	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	74-95-3	
1,2-Dichlorobenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	95-50-1	
1,3-Dichlorobenzene	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	541-73-1	
1,4-Dichlorobenzene	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	106-46-7	
Dichlorodifluoromethane	<0.022	mg/kg	0.050	0.022	1	10/29/21 09:30	11/01/21 12:48	75-71-8	
1,1-Dichloroethane	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	75-34-3	
1,2-Dichloroethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	107-06-2	
1,1-Dichloroethene	<0.017	mg/kg	0.050	0.017	1	10/29/21 09:30	11/01/21 12:48	75-35-4	
cis-1,2-Dichloroethene	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	156-59-2	
trans-1,2-Dichloroethene	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	156-60-5	
1,2-Dichloropropane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	78-87-5	
1,3-Dichloropropane	<0.011	mg/kg	0.050	0.011	1	10/29/21 09:30	11/01/21 12:48	142-28-9	
2,2-Dichloropropane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	594-20-7	
1,1-Dichloropropene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	563-58-6	
cis-1,3-Dichloropropene	<0.033	mg/kg	0.25	0.033	1	10/29/21 09:30	11/01/21 12:48	10061-01-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Sample: TRIP BLANK **Lab ID: 40235717033** Collected: 10/21/21 00:00 Received: 10/23/21 08:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Full List									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.14	mg/kg	0.25	0.14	1	10/29/21 09:30	11/01/21 12:48	10061-02-6	
Diisopropyl ether	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	108-20-3	
Ethylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	<0.099	mg/kg	0.25	0.099	1	10/29/21 09:30	11/01/21 12:48	87-68-3	
Isopropylbenzene (Cumene)	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	98-82-8	
p-Isopropyltoluene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	99-87-6	
Methylene Chloride	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	75-09-2	
Methyl-tert-butyl ether	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	1634-04-4	
Naphthalene	<0.016	mg/kg	0.25	0.016	1	10/29/21 09:30	11/01/21 12:48	91-20-3	
n-Propylbenzene	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	103-65-1	
Styrene	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.012	mg/kg	0.050	0.012	1	10/29/21 09:30	11/01/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.018	mg/kg	0.050	0.018	1	10/29/21 09:30	11/01/21 12:48	79-34-5	
Tetrachloroethene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	127-18-4	
Toluene	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	<0.056	mg/kg	0.25	0.056	1	10/29/21 09:30	11/01/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	<0.041	mg/kg	0.25	0.041	1	10/29/21 09:30	11/01/21 12:48	120-82-1	
1,1,1-Trichloroethane	<0.013	mg/kg	0.050	0.013	1	10/29/21 09:30	11/01/21 12:48	71-55-6	
1,1,2-Trichloroethane	<0.018	mg/kg	0.050	0.018	1	10/29/21 09:30	11/01/21 12:48	79-00-5	
Trichloroethene	<0.019	mg/kg	0.050	0.019	1	10/29/21 09:30	11/01/21 12:48	79-01-6	
Trichlorofluoromethane	<0.014	mg/kg	0.050	0.014	1	10/29/21 09:30	11/01/21 12:48	75-69-4	
1,2,3-Trichloropropane	<0.024	mg/kg	0.050	0.024	1	10/29/21 09:30	11/01/21 12:48	96-18-4	
1,2,4-Trimethylbenzene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	95-63-6	
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.050	0.016	1	10/29/21 09:30	11/01/21 12:48	108-67-8	
Vinyl chloride	<0.010	mg/kg	0.050	0.010	1	10/29/21 09:30	11/01/21 12:48	75-01-4	
m&p-Xylene	<0.021	mg/kg	0.10	0.021	1	10/29/21 09:30	11/01/21 12:48	179601-23-1	
o-Xylene	<0.015	mg/kg	0.050	0.015	1	10/29/21 09:30	11/01/21 12:48	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	67-159		1	10/29/21 09:30	11/01/21 12:48	2037-26-5	
4-Bromofluorobenzene (S)	75	%	66-153		1	10/29/21 09:30	11/01/21 12:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	88	%	82-158		1	10/29/21 09:30	11/01/21 12:48	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch: 400189

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007

METHOD BLANK: 2311467

Matrix: Solid

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.0060	0.021	11/02/21 10:00	

LABORATORY CONTROL SAMPLE: 2311468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.5	0.51	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311469 2311470

Parameter	Units	2311469		2311470		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235702001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Mercury	mg/kg	0.039	0.9	0.9	0.94	0.94	100	99	85-115	0	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400190	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2311471 Matrix: Solid

Associated Lab Samples: 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	11/03/21 09:48	

LABORATORY CONTROL SAMPLE: 2311472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311473 2311474

Parameter	Units	40235479004		MS		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result						
Mercury	mg/kg	0.089	1.5	1.5	1.6	1.6	98	99	85-115	1	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400193	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2311479 Matrix: Solid

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	11/03/21 10:53	

LABORATORY CONTROL SAMPLE: 2311480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311481 2311482

Parameter	Units	40235717021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.035J	1	1	1.1	1.1	102	105	85-115	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399616	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2307421 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	10/26/21 18:12	
Barium	mg/kg	<0.15	0.50	10/26/21 18:12	
Cadmium	mg/kg	<0.13	0.50	10/26/21 18:12	
Chromium	mg/kg	<0.28	1.0	10/26/21 18:12	
Lead	mg/kg	<0.60	2.0	10/26/21 18:12	
Selenium	mg/kg	<1.3	4.0	10/26/21 18:12	
Silver	mg/kg	<0.31	1.0	10/26/21 18:12	

LABORATORY CONTROL SAMPLE: 2307422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.9	96	80-120	
Barium	mg/kg	25	25.6	102	80-120	
Cadmium	mg/kg	25	25.1	100	80-120	
Chromium	mg/kg	25	23.3	93	80-120	
Lead	mg/kg	25	24.5	98	80-120	
Selenium	mg/kg	25	24.0	96	80-120	
Silver	mg/kg	12.5	11.9	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307423 2307424

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717001 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	2.7J	28.7	28.7	28.7	31.1	31.7	99	101	75-125	2	20	
Barium	mg/kg	44.9	28.7	28.7	28.7	87.1	89.3	147	155	75-125	2	20 M0	
Cadmium	mg/kg	<0.15	28.7	28.7	28.7	28.9	29.0	100	101	75-125	0	20	
Chromium	mg/kg	13.9	28.7	28.7	28.7	41.2	43.1	95	102	75-125	4	20	
Lead	mg/kg	5.3	28.7	28.7	28.7	32.0	32.2	93	94	75-125	1	20	
Selenium	mg/kg	<1.5	28.7	28.7	28.7	27.1	27.4	95	96	75-125	1	20	
Silver	mg/kg	<0.35	14.3	14.3	14.3	14.0	14.1	98	98	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399617	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2307425 Matrix: Solid
Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	10/26/21 13:54	
Barium	mg/kg	<0.15	0.50	10/26/21 13:54	
Cadmium	mg/kg	<0.13	0.50	10/26/21 13:54	
Chromium	mg/kg	<0.28	1.0	10/26/21 13:54	
Lead	mg/kg	<0.60	2.0	10/26/21 13:54	
Selenium	mg/kg	<1.3	4.0	10/26/21 13:54	
Silver	mg/kg	<0.31	1.0	10/26/21 13:54	

LABORATORY CONTROL SAMPLE: 2307426

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.6	98	80-120	
Barium	mg/kg	25	25.2	101	80-120	
Cadmium	mg/kg	25	25.4	102	80-120	
Chromium	mg/kg	25	25.0	100	80-120	
Lead	mg/kg	25	25.8	103	80-120	
Selenium	mg/kg	25	25.5	102	80-120	
Silver	mg/kg	12.5	12.3	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307427 2307428

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717021 Result	Spike Conc.	Spike Conc.	Conc.								
Arsenic	mg/kg	4.3	30	29.9	35.0	30.4	102	87	75-125	14	20		
Barium	mg/kg	102	30	29.9	159	163	189	203	75-125	3	20	M0	
Cadmium	mg/kg	0.35J	30	29.9	29.1	28.9	96	95	75-125	1	20		
Chromium	mg/kg	24.2	30	29.9	60.8	55.3	122	104	75-125	9	20		
Lead	mg/kg	13.1	30	29.9	40.1	39.4	90	88	75-125	2	20		
Selenium	mg/kg	<1.6	30	29.9	28.8	28.1	96	93	75-125	3	20		
Silver	mg/kg	<0.37	15	15	14.2	14.1	94	94	75-125	0	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch: 399668 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Full List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2307672 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	10/27/21 17:38	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	10/27/21 17:38	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	10/27/21 17:38	
1,1-Dichloroethane	mg/kg	<0.013	0.050	10/27/21 17:38	
1,1-Dichloroethene	mg/kg	<0.017	0.050	10/27/21 17:38	
1,1-Dichloropropene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	10/27/21 17:38	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	10/27/21 17:38	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	10/27/21 17:38	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	10/27/21 17:38	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	10/27/21 17:38	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	10/27/21 17:38	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,2-Dichloroethane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,2-Dichloropropane	mg/kg	<0.012	0.050	10/27/21 17:38	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	10/27/21 17:38	
1,3-Dichloropropane	mg/kg	<0.011	0.050	10/27/21 17:38	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	10/27/21 17:38	
2,2-Dichloropropane	mg/kg	<0.014	0.050	10/27/21 17:38	
2-Chlorotoluene	mg/kg	<0.016	0.050	10/27/21 17:38	
4-Chlorotoluene	mg/kg	<0.019	0.050	10/27/21 17:38	
Benzene	mg/kg	<0.012	0.020	10/27/21 17:38	
Bromobenzene	mg/kg	<0.020	0.050	10/27/21 17:38	
Bromochloromethane	mg/kg	<0.014	0.050	10/27/21 17:38	
Bromodichloromethane	mg/kg	<0.012	0.050	10/27/21 17:38	
Bromoform	mg/kg	<0.22	0.25	10/27/21 17:38	
Bromomethane	mg/kg	<0.070	0.25	10/27/21 17:38	
Carbon tetrachloride	mg/kg	<0.011	0.050	10/27/21 17:38	
Chlorobenzene	mg/kg	<0.0060	0.050	10/27/21 17:38	
Chloroethane	mg/kg	<0.021	0.25	10/27/21 17:38	
Chloroform	mg/kg	<0.036	0.25	10/27/21 17:38	
Chloromethane	mg/kg	<0.019	0.050	10/27/21 17:38	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/27/21 17:38	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	10/27/21 17:38	
Dibromochloromethane	mg/kg	<0.17	0.25	10/27/21 17:38	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2307672

Matrix: Solid

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	mg/kg	<0.015	0.050	10/27/21 17:38	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	10/27/21 17:38	
Diisopropyl ether	mg/kg	<0.012	0.050	10/27/21 17:38	
Ethylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	10/27/21 17:38	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	10/27/21 17:38	
m&p-Xylene	mg/kg	<0.021	0.10	10/27/21 17:38	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	10/27/21 17:38	
Methylene Chloride	mg/kg	<0.014	0.050	10/27/21 17:38	
n-Butylbenzene	mg/kg	<0.023	0.050	10/27/21 17:38	
n-Propylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Naphthalene	mg/kg	<0.016	0.25	10/27/21 17:38	
o-Xylene	mg/kg	<0.015	0.050	10/27/21 17:38	
p-Isopropyltoluene	mg/kg	<0.015	0.050	10/27/21 17:38	
sec-Butylbenzene	mg/kg	<0.012	0.050	10/27/21 17:38	
Styrene	mg/kg	<0.013	0.050	10/27/21 17:38	
tert-Butylbenzene	mg/kg	<0.016	0.050	10/27/21 17:38	
Tetrachloroethene	mg/kg	<0.019	0.050	10/27/21 17:38	
Toluene	mg/kg	<0.013	0.050	10/27/21 17:38	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/27/21 17:38	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	10/27/21 17:38	
Trichloroethene	mg/kg	<0.019	0.050	10/27/21 17:38	
Trichlorofluoromethane	mg/kg	<0.014	0.050	10/27/21 17:38	
Vinyl chloride	mg/kg	<0.010	0.050	10/27/21 17:38	
1,2-Dichlorobenzene-d4 (S)	%	107	82-158	10/27/21 17:38	
4-Bromofluorobenzene (S)	%	112	66-153	10/27/21 17:38	
Toluene-d8 (S)	%	107	67-159	10/27/21 17:38	

LABORATORY CONTROL SAMPLE: 2307673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.8	113	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	2.5	2.6	102	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.6	103	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.6	105	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.7	107	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.2	87	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.5	101	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.5	100	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.4	97	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.8	111	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.5	101	72-118	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2307673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	mg/kg	2.5	2.5	99	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.4	96	70-130	
Benzene	mg/kg	2.5	2.6	105	70-130	
Bromodichloromethane	mg/kg	2.5	2.7	107	70-130	
Bromoform	mg/kg	2.5	2.1	85	66-130	
Bromomethane	mg/kg	2.5	2.8	111	13-153	
Carbon tetrachloride	mg/kg	2.5	2.7	110	73-134	
Chlorobenzene	mg/kg	2.5	2.6	104	70-130	
Chloroethane	mg/kg	2.5	2.5	101	19-170	
Chloroform	mg/kg	2.5	2.8	112	79-120	
Chloromethane	mg/kg	2.5	2.0	81	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.5	101	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	101	68-130	
Dibromochloromethane	mg/kg	2.5	2.4	98	70-130	
Dichlorodifluoromethane	mg/kg	2.5	2.0	80	15-135	
Ethylbenzene	mg/kg	2.5	2.7	106	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.7	106	70-130	
m&p-Xylene	mg/kg	5	5.0	100	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.3	93	65-130	
Methylene Chloride	mg/kg	2.5	2.7	108	70-130	
o-Xylene	mg/kg	2.5	2.5	101	70-130	
Styrene	mg/kg	2.5	2.6	104	70-130	
Tetrachloroethene	mg/kg	2.5	2.5	102	70-130	
Toluene	mg/kg	2.5	2.4	98	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.7	107	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.4	94	70-130	
Trichloroethene	mg/kg	2.5	2.8	111	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.4	95	49-153	
Vinyl chloride	mg/kg	2.5	2.5	100	58-121	
1,2-Dichlorobenzene-d4 (S)	%			101	82-158	
4-Bromofluorobenzene (S)	%			115	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307674 2307675

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717003 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	mg/kg	<0.019	1.5	1.5	1.3	1.2	93	84	70-130	10	20		
1,1,2,2-Tetrachloroethane	mg/kg	<0.026	1.5	1.5	1.3	1.2	92	84	65-129	9	20		
1,1,2-Trichloroethane	mg/kg	<0.026	1.5	1.5	1.4	1.2	95	86	70-130	9	20		
1,1-Dichloroethane	mg/kg	<0.019	1.5	1.5	1.3	1.2	93	83	70-130	12	20		
1,1-Dichloroethene	mg/kg	<0.024	1.5	1.5	1.3	1.2	88	80	64-120	10	20		
1,2,4-Trichlorobenzene	mg/kg	<0.060	1.5	1.5	1.3	1.2	91	82	64-130	10	20		
1,2-Dibromo-3-chloropropane	mg/kg	<0.056	1.5	1.5	1.2	1.2	86	82	57-130	5	21		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2307674												2307675	
Parameter	Units	40235717003		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD		RPD
1,2-Dibromoethane (EDB)	mg/kg	<0.020	1.5	1.5	1.3	1.2	91	84	70-130	7	20		
1,2-Dichlorobenzene	mg/kg	<0.022	1.5	1.5	1.3	1.3	91	87	70-130	4	20		
1,2-Dichloroethane	mg/kg	<0.017	1.5	1.5	1.5	1.3	103	92	70-130	11	20		
1,2-Dichloropropane	mg/kg	<0.017	1.5	1.5	1.3	1.2	91	82	72-122	10	20		
1,3-Dichlorobenzene	mg/kg	<0.020	1.5	1.5	1.3	1.2	90	83	70-130	7	20		
1,4-Dichlorobenzene	mg/kg	<0.020	1.5	1.5	1.3	1.2	90	85	70-130	6	20		
Benzene	mg/kg	<0.017	1.5	1.5	1.3	1.2	92	82	70-130	11	20		
Bromodichloromethane	mg/kg	<0.017	1.5	1.5	1.3	1.2	93	83	70-130	11	20		
Bromoform	mg/kg	<0.32	1.5	1.5	1.3	1.2	88	84	66-130	5	20		
Bromomethane	mg/kg	<0.10	1.5	1.5	1.3	1.2	90	83	13-153	8	20		
Carbon tetrachloride	mg/kg	<0.016	1.5	1.5	1.3	1.2	93	81	67-134	13	20		
Chlorobenzene	mg/kg	<0.0087	1.5	1.5	1.4	1.3	96	87	70-130	10	20		
Chloroethane	mg/kg	<0.031	1.5	1.5	1.4	1.2	93	81	11-195	14	20		
Chloroform	mg/kg	<0.052	1.5	1.5	1.5	1.3	100	90	79-120	10	20		
Chloromethane	mg/kg	<0.028	1.5	1.5	0.90	0.85	62	58	30-136	6	20		
cis-1,2-Dichloroethene	mg/kg	<0.016	1.5	1.5	1.3	1.1	91	78	70-130	16	20		
cis-1,3-Dichloropropene	mg/kg	<0.048	1.5	1.5	1.2	1.1	85	77	68-130	10	20		
Dibromochloromethane	mg/kg	<0.25	1.5	1.5	1.2	1.1	83	75	70-130	10	20		
Dichlorodifluoromethane	mg/kg	<0.031	1.5	1.5	0.76	0.67	52	46	10-158	12	25		
Ethylbenzene	mg/kg	<0.017	1.5	1.5	1.3	1.2	89	82	78-120	8	20		
Isopropylbenzene (Cumene)	mg/kg	<0.020	1.5	1.5	1.2	1.2	86	81	70-130	7	20		
m&p-Xylene	mg/kg	<0.031	2.9	2.9	2.5	2.4	87	81	70-130	6	20		
Methyl-tert-butyl ether	mg/kg	<0.021	1.5	1.5	1.2	1.1	83	75	65-130	10	20		
Methylene Chloride	mg/kg	<0.020	1.5	1.5	1.4	1.2	98	85	70-130	14	20		
o-Xylene	mg/kg	<0.022	1.5	1.5	1.3	1.2	88	82	70-130	7	20		
Styrene	mg/kg	<0.019	1.5	1.5	1.3	1.2	87	81	70-130	7	20		
Tetrachloroethene	mg/kg	<0.028	1.5	1.5	1.4	1.2	95	85	70-130	11	20		
Toluene	mg/kg	<0.018	1.5	1.5	1.3	1.2	91	82	76-120	10	20		
trans-1,2-Dichloroethene	mg/kg	<0.016	1.5	1.5	1.3	1.2	93	81	70-130	13	20		
trans-1,3-Dichloropropene	mg/kg	<0.21	1.5	1.5	1.1	1.1	77	74	70-130	4	20		
Trichloroethene	mg/kg	<0.027	1.5	1.5	1.4	1.3	97	90	70-130	8	20		
Trichlorofluoromethane	mg/kg	<0.021	1.5	1.5	1.1	0.99	76	68	42-159	11	21		
Vinyl chloride	mg/kg	<0.015	1.5	1.5	1.2	0.98	80	68	43-137	16	20		
1,2-Dichlorobenzene-d4 (S)	%						127	132	82-158				
4-Bromofluorobenzene (S)	%						143	147	66-153				
Toluene-d8 (S)	%						134	139	67-159				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	400003	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035/5030B	Analysis Description:	8260 MSV Med Level Full List
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

METHOD BLANK: 2309691 Matrix: Solid
Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	10/29/21 11:20	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	10/29/21 11:20	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	10/29/21 11:20	
1,1-Dichloroethane	mg/kg	<0.013	0.050	10/29/21 11:20	
1,1-Dichloroethene	mg/kg	<0.017	0.050	10/29/21 11:20	
1,1-Dichloropropene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	10/29/21 11:20	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	10/29/21 11:20	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	10/29/21 11:20	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	10/29/21 11:20	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	10/29/21 11:20	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	10/29/21 11:20	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,2-Dichloroethane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,2-Dichloropropane	mg/kg	<0.012	0.050	10/29/21 11:20	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	10/29/21 11:20	
1,3-Dichloropropane	mg/kg	<0.011	0.050	10/29/21 11:20	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	10/29/21 11:20	
2,2-Dichloropropane	mg/kg	<0.014	0.050	10/29/21 11:20	
2-Chlorotoluene	mg/kg	<0.016	0.050	10/29/21 11:20	
4-Chlorotoluene	mg/kg	<0.019	0.050	10/29/21 11:20	
Benzene	mg/kg	<0.012	0.020	10/29/21 11:20	
Bromobenzene	mg/kg	<0.020	0.050	10/29/21 11:20	
Bromochloromethane	mg/kg	<0.014	0.050	10/29/21 11:20	
Bromodichloromethane	mg/kg	<0.012	0.050	10/29/21 11:20	
Bromoform	mg/kg	<0.22	0.25	10/29/21 11:20	
Bromomethane	mg/kg	<0.070	0.25	10/29/21 11:20	
Carbon tetrachloride	mg/kg	<0.011	0.050	10/29/21 11:20	
Chlorobenzene	mg/kg	<0.0060	0.050	10/29/21 11:20	
Chloroethane	mg/kg	<0.021	0.25	10/29/21 11:20	
Chloroform	mg/kg	<0.036	0.25	10/29/21 11:20	
Chloromethane	mg/kg	<0.019	0.050	10/29/21 11:20	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/29/21 11:20	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	10/29/21 11:20	
Dibromochloromethane	mg/kg	<0.17	0.25	10/29/21 11:20	
Dibromomethane	mg/kg	<0.015	0.050	10/29/21 11:20	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	10/29/21 11:20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2309691

Matrix: Solid

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	mg/kg	<0.012	0.050	10/29/21 11:20	
Ethylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	10/29/21 11:20	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	10/29/21 11:20	
m&p-Xylene	mg/kg	<0.021	0.10	10/29/21 11:20	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	10/29/21 11:20	
Methylene Chloride	mg/kg	<0.014	0.050	10/29/21 11:20	
n-Butylbenzene	mg/kg	<0.023	0.050	10/29/21 11:20	
n-Propylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Naphthalene	mg/kg	<0.016	0.25	10/29/21 11:20	
o-Xylene	mg/kg	<0.015	0.050	10/29/21 11:20	
p-Isopropyltoluene	mg/kg	<0.015	0.050	10/29/21 11:20	
sec-Butylbenzene	mg/kg	<0.012	0.050	10/29/21 11:20	
Styrene	mg/kg	<0.013	0.050	10/29/21 11:20	
tert-Butylbenzene	mg/kg	<0.016	0.050	10/29/21 11:20	
Tetrachloroethene	mg/kg	<0.019	0.050	10/29/21 11:20	
Toluene	mg/kg	<0.013	0.050	10/29/21 11:20	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	10/29/21 11:20	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	10/29/21 11:20	
Trichloroethene	mg/kg	<0.019	0.050	10/29/21 11:20	
Trichlorofluoromethane	mg/kg	<0.014	0.050	10/29/21 11:20	
Vinyl chloride	mg/kg	<0.010	0.050	10/29/21 11:20	
1,2-Dichlorobenzene-d4 (S)	%	108	82-158	10/29/21 11:20	
4-Bromofluorobenzene (S)	%	112	66-153	10/29/21 11:20	
Toluene-d8 (S)	%	108	67-159	10/29/21 11:20	

LABORATORY CONTROL SAMPLE: 2309692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.7	106	70-130	
1,1,1,2-Tetrachloroethane	mg/kg	2.5	2.5	99	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.4	98	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.6	102	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.7	106	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.2	88	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.2	88	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.4	96	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.4	97	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.8	111	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.5	101	72-118	
1,3-Dichlorobenzene	mg/kg	2.5	2.4	98	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.4	96	70-130	
Benzene	mg/kg	2.5	2.5	102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2309692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	mg/kg	2.5	2.7	107	70-130	
Bromoform	mg/kg	2.5	2.0	79	66-130	
Bromomethane	mg/kg	2.5	2.5	101	13-153	
Carbon tetrachloride	mg/kg	2.5	2.7	109	73-134	
Chlorobenzene	mg/kg	2.5	2.5	101	70-130	
Chloroethane	mg/kg	2.5	2.4	97	19-170	
Chloroform	mg/kg	2.5	2.7	108	79-120	
Chloromethane	mg/kg	2.5	1.9	75	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.5	99	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	98	68-130	
Dibromochloromethane	mg/kg	2.5	2.3	93	70-130	
Dichlorodifluoromethane	mg/kg	2.5	1.6	64	15-135	
Ethylbenzene	mg/kg	2.5	2.6	102	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.5	101	70-130	
m&p-Xylene	mg/kg	5	4.8	97	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.2	89	65-130	
Methylene Chloride	mg/kg	2.5	2.6	104	70-130	
o-Xylene	mg/kg	2.5	2.4	97	70-130	
Styrene	mg/kg	2.5	2.5	101	70-130	
Tetrachloroethene	mg/kg	2.5	2.6	102	70-130	
Toluene	mg/kg	2.5	2.4	98	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.6	104	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.3	91	70-130	
Trichloroethene	mg/kg	2.5	2.8	110	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.2	88	49-153	
Vinyl chloride	mg/kg	2.5	2.3	91	58-121	
1,2-Dichlorobenzene-d4 (S)	%			99	82-158	
4-Bromofluorobenzene (S)	%			113	66-153	
Toluene-d8 (S)	%			102	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309693 2309694

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40235848005 Result	Spike Conc.	Spike Conc.	Result							Result
1,1,1-Trichloroethane	mg/kg	<17.5 ug/kg	1.4	1.4	1.2	1.3	86	96	70-130	11	20	
1,1,2,2-Tetrachloroethane	mg/kg	<24.8 ug/kg	1.4	1.4	1.2	1.3	88	93	65-129	6	20	
1,1,2-Trichloroethane	mg/kg	<24.9 ug/kg	1.4	1.4	1.3	1.3	93	98	70-130	5	20	
1,1-Dichloroethane	mg/kg	<17.5 ug/kg	1.4	1.4	1.2	1.3	85	97	70-130	13	20	
1,1-Dichloroethene	mg/kg	<22.7 ug/kg	1.4	1.4	1.1	1.2	79	91	64-120	15	20	
1,2,4-Trichlorobenzene	mg/kg	<56.5 ug/kg	1.4	1.4	1.3	1.3	94	93	64-130	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Parameter	Units	2309693		2309694		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235848005 Result	MS Spike Conc.	MSD Spike Conc.									
1,2-Dibromo-3-chloropropane	mg/kg	<53.2 ug/kg	1.4	1.4	1.2	1.2	87	86	57-130	1	21		
1,2-Dibromoethane (EDB)	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	85	96	70-130	12	20		
1,2-Dichlorobenzene	mg/kg	<21.2 ug/kg	1.4	1.4	1.2	1.4	90	99	70-130	9	20		
1,2-Dichloroethane	mg/kg	<15.8 ug/kg	1.4	1.4	1.3	1.5	96	111	70-130	15	20		
1,2-Dichloropropane	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	86	97	72-122	12	20		
1,3-Dichlorobenzene	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	87	97	70-130	11	20		
1,4-Dichlorobenzene	mg/kg	<18.8 ug/kg	1.4	1.4	1.2	1.3	89	97	70-130	8	20		
Benzene	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	87	98	70-130	12	20		
Bromodichloromethane	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.4	87	99	70-130	13	20		
Bromoform	mg/kg	<301 ug/kg	1.4	1.4	1.1	1.2	82	90	66-130	8	20		
Bromomethane	mg/kg	<96.1 ug/kg	1.4	1.4	1.1	1.2	78	90	13-153	15	20		
Carbon tetrachloride	mg/kg	<15.1 ug/kg	1.4	1.4	1.1	1.3	83	91	67-134	10	20		
Chlorobenzene	mg/kg	<8.2 ug/kg	1.4	1.4	1.2	1.4	89	102	70-130	14	20		
Chloroethane	mg/kg	<28.9 ug/kg	1.4	1.4	1.0	1.2	75	86	11-195	15	20		
Chloroform	mg/kg	<49.1 ug/kg	1.4	1.4	1.2	1.5	90	106	79-120	16	20		
Chloromethane	mg/kg	<26.0 ug/kg	1.4	1.4	0.64	0.74	47	54	30-136	14	20		
cis-1,2-Dichloroethene	mg/kg	<14.7 ug/kg	1.4	1.4	1.1	1.3	84	96	70-130	14	20		
cis-1,3-Dichloropropene	mg/kg	<45.2 ug/kg	1.4	1.4	1.1	1.2	80	90	68-130	13	20		
Dibromochloromethane	mg/kg	<234 ug/kg	1.4	1.4	1.1	1.2	78	88	70-130	12	20		
Dichlorodifluoromethane	mg/kg	<29.5 ug/kg	1.4	1.4	0.36	0.41	27	30	10-158	12	25		
Ethylbenzene	mg/kg	<16.3 ug/kg	1.4	1.4	1.2	1.3	86	96	78-120	12	20		
Isopropylbenzene (Cumene)	mg/kg	<18.5 ug/kg	1.4	1.4	1.2	1.3	85	94	70-130	9	20		
m&p-Xylene	mg/kg	<28.9 ug/kg	2.7	2.7	2.3	2.6	85	95	70-130	11	20		
Methyl-tert-butyl ether	mg/kg	<20.1 ug/kg	1.4	1.4	1.0	1.2	76	87	65-130	14	20		
Methylene Chloride	mg/kg	<19.0 ug/kg	1.4	1.4	1.3	1.4	92	101	70-130	10	20		
o-Xylene	mg/kg	<20.6 ug/kg	1.4	1.4	1.2	1.3	85	94	70-130	10	20		
Styrene	mg/kg	<17.5 ug/kg	1.4	1.4	1.2	1.3	84	94	70-130	11	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Parameter	Units	40235848005		2309693		2309694		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Tetrachloroethene	mg/kg	<26.6 ug/kg	1.4	1.4	1.2	1.3	86	98	70-130	13	20			
Toluene	mg/kg	<17.3 ug/kg	1.4	1.4	1.2	1.3	85	98	76-120	15	20			
trans-1,2-Dichloroethene	mg/kg	<14.8 ug/kg	1.4	1.4	1.1	1.3	84	98	70-130	16	20			
trans-1,3-Dichloropropene	mg/kg	<196 ug/kg	1.4	1.4	0.99	1.1	72	84	70-130	15	20			
Trichloroethene	mg/kg	<25.6 ug/kg	1.4	1.4	1.2	1.4	90	106	70-130	16	20			
Trichlorofluoromethane	mg/kg	<19.9 ug/kg	1.4	1.4	0.87	0.96	63	70	42-159	10	21			
Vinyl chloride	mg/kg	<13.8 ug/kg	1.4	1.4	0.85	0.97	62	71	43-137	13	20			
1,2-Dichlorobenzene-d4 (S)	%						131	125	82-158					
4-Bromofluorobenzene (S)	%						140	134	66-153					
Toluene-d8 (S)	%						129	128	67-159					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch: 400092 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Full List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717032, 40235717033

METHOD BLANK: 2310318 Matrix: Solid

Associated Lab Samples: 40235717032, 40235717033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,1,1-Trichloroethane	mg/kg	<0.013	0.050	11/01/21 09:33	
1,1,2,2-Tetrachloroethane	mg/kg	<0.018	0.050	11/01/21 09:33	
1,1,2-Trichloroethane	mg/kg	<0.018	0.050	11/01/21 09:33	
1,1-Dichloroethane	mg/kg	<0.013	0.050	11/01/21 09:33	
1,1-Dichloroethene	mg/kg	<0.017	0.050	11/01/21 09:33	
1,1-Dichloropropene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,2,3-Trichlorobenzene	mg/kg	<0.056	0.25	11/01/21 09:33	
1,2,3-Trichloropropane	mg/kg	<0.024	0.050	11/01/21 09:33	
1,2,4-Trichlorobenzene	mg/kg	<0.041	0.25	11/01/21 09:33	
1,2,4-Trimethylbenzene	mg/kg	<0.015	0.050	11/01/21 09:33	
1,2-Dibromo-3-chloropropane	mg/kg	<0.039	0.25	11/01/21 09:33	
1,2-Dibromoethane (EDB)	mg/kg	<0.014	0.050	11/01/21 09:33	
1,2-Dichlorobenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,2-Dichloroethane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,2-Dichloropropane	mg/kg	<0.012	0.050	11/01/21 09:33	
1,3,5-Trimethylbenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
1,3-Dichlorobenzene	mg/kg	<0.014	0.050	11/01/21 09:33	
1,3-Dichloropropane	mg/kg	<0.011	0.050	11/01/21 09:33	
1,4-Dichlorobenzene	mg/kg	<0.014	0.050	11/01/21 09:33	
2,2-Dichloropropane	mg/kg	<0.014	0.050	11/01/21 09:33	
2-Chlorotoluene	mg/kg	<0.016	0.050	11/01/21 09:33	
4-Chlorotoluene	mg/kg	<0.019	0.050	11/01/21 09:33	
Benzene	mg/kg	<0.012	0.020	11/01/21 09:33	
Bromobenzene	mg/kg	<0.020	0.050	11/01/21 09:33	
Bromochloromethane	mg/kg	<0.014	0.050	11/01/21 09:33	
Bromodichloromethane	mg/kg	<0.012	0.050	11/01/21 09:33	
Bromoform	mg/kg	<0.22	0.25	11/01/21 09:33	
Bromomethane	mg/kg	<0.070	0.25	11/01/21 09:33	
Carbon tetrachloride	mg/kg	<0.011	0.050	11/01/21 09:33	
Chlorobenzene	mg/kg	<0.0060	0.050	11/01/21 09:33	
Chloroethane	mg/kg	<0.021	0.25	11/01/21 09:33	
Chloroform	mg/kg	<0.036	0.25	11/01/21 09:33	
Chloromethane	mg/kg	<0.019	0.050	11/01/21 09:33	
cis-1,2-Dichloroethene	mg/kg	<0.011	0.050	11/01/21 09:33	
cis-1,3-Dichloropropene	mg/kg	<0.033	0.25	11/01/21 09:33	
Dibromochloromethane	mg/kg	<0.17	0.25	11/01/21 09:33	
Dibromomethane	mg/kg	<0.015	0.050	11/01/21 09:33	
Dichlorodifluoromethane	mg/kg	<0.022	0.050	11/01/21 09:33	
Diisopropyl ether	mg/kg	<0.012	0.050	11/01/21 09:33	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

METHOD BLANK: 2310318

Matrix: Solid

Associated Lab Samples: 40235717032, 40235717033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Hexachloro-1,3-butadiene	mg/kg	<0.099	0.25	11/01/21 09:33	
Isopropylbenzene (Cumene)	mg/kg	<0.014	0.050	11/01/21 09:33	
m&p-Xylene	mg/kg	<0.021	0.10	11/01/21 09:33	
Methyl-tert-butyl ether	mg/kg	<0.015	0.050	11/01/21 09:33	
Methylene Chloride	mg/kg	<0.014	0.050	11/01/21 09:33	
n-Butylbenzene	mg/kg	<0.023	0.050	11/01/21 09:33	
n-Propylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Naphthalene	mg/kg	<0.016	0.25	11/01/21 09:33	
o-Xylene	mg/kg	<0.015	0.050	11/01/21 09:33	
p-Isopropyltoluene	mg/kg	<0.015	0.050	11/01/21 09:33	
sec-Butylbenzene	mg/kg	<0.012	0.050	11/01/21 09:33	
Styrene	mg/kg	<0.013	0.050	11/01/21 09:33	
tert-Butylbenzene	mg/kg	<0.016	0.050	11/01/21 09:33	
Tetrachloroethene	mg/kg	<0.019	0.050	11/01/21 09:33	
Toluene	mg/kg	<0.013	0.050	11/01/21 09:33	
trans-1,2-Dichloroethene	mg/kg	<0.011	0.050	11/01/21 09:33	
trans-1,3-Dichloropropene	mg/kg	<0.14	0.25	11/01/21 09:33	
Trichloroethene	mg/kg	<0.019	0.050	11/01/21 09:33	
Trichlorofluoromethane	mg/kg	<0.014	0.050	11/01/21 09:33	
Vinyl chloride	mg/kg	<0.010	0.050	11/01/21 09:33	
1,2-Dichlorobenzene-d4 (S)	%	84	82-158	11/01/21 09:33	
4-Bromofluorobenzene (S)	%	75	66-153	11/01/21 09:33	
Toluene-d8 (S)	%	102	67-159	11/01/21 09:33	

LABORATORY CONTROL SAMPLE: 2310319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	2.5	2.7	108	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	2.5	1.9	75	65-129	
1,1,2-Trichloroethane	mg/kg	2.5	2.5	101	70-130	
1,1-Dichloroethane	mg/kg	2.5	2.9	115	70-130	
1,1-Dichloroethene	mg/kg	2.5	2.8	112	67-120	
1,2,4-Trichlorobenzene	mg/kg	2.5	2.1	86	64-130	
1,2-Dibromo-3-chloropropane	mg/kg	2.5	1.6	64	57-119	
1,2-Dibromoethane (EDB)	mg/kg	2.5	2.4	96	70-130	
1,2-Dichlorobenzene	mg/kg	2.5	2.3	90	70-130	
1,2-Dichloroethane	mg/kg	2.5	2.6	106	70-130	
1,2-Dichloropropane	mg/kg	2.5	2.8	111	72-118	
1,3-Dichlorobenzene	mg/kg	2.5	2.2	89	70-130	
1,4-Dichlorobenzene	mg/kg	2.5	2.3	91	70-130	
Benzene	mg/kg	2.5	2.6	104	70-130	
Bromodichloromethane	mg/kg	2.5	2.5	102	70-130	
Bromoform	mg/kg	2.5	2.3	93	66-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2310319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	mg/kg	2.5	2.9	117	13-153	
Carbon tetrachloride	mg/kg	2.5	2.9	118	73-134	
Chlorobenzene	mg/kg	2.5	2.8	113	70-130	
Chloroethane	mg/kg	2.5	3.2	128	19-170	
Chloroform	mg/kg	2.5	2.7	107	79-120	
Chloromethane	mg/kg	2.5	2.0	78	45-117	
cis-1,2-Dichloroethene	mg/kg	2.5	2.6	104	70-130	
cis-1,3-Dichloropropene	mg/kg	2.5	2.5	101	68-130	
Dibromochloromethane	mg/kg	2.5	2.7	106	70-130	
Dichlorodifluoromethane	mg/kg	2.5	1.3	51	15-135	
Ethylbenzene	mg/kg	2.5	2.8	110	78-120	
Isopropylbenzene (Cumene)	mg/kg	2.5	2.8	112	70-130	
m&p-Xylene	mg/kg	5	5.5	109	70-130	
Methyl-tert-butyl ether	mg/kg	2.5	2.1	86	65-130	
Methylene Chloride	mg/kg	2.5	2.7	109	70-130	
o-Xylene	mg/kg	2.5	2.7	108	70-130	
Styrene	mg/kg	2.5	2.7	109	70-130	
Tetrachloroethene	mg/kg	2.5	2.8	113	70-130	
Toluene	mg/kg	2.5	2.7	107	76-120	
trans-1,2-Dichloroethene	mg/kg	2.5	2.7	108	70-130	
trans-1,3-Dichloropropene	mg/kg	2.5	2.3	94	70-130	
Trichloroethene	mg/kg	2.5	2.7	109	70-130	
Trichlorofluoromethane	mg/kg	2.5	2.8	111	49-153	
Vinyl chloride	mg/kg	2.5	2.5	99	58-121	
1,2-Dichlorobenzene-d4 (S)	%			89	82-158	
4-Bromofluorobenzene (S)	%			79	66-153	
Toluene-d8 (S)	%			107	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2310320 2310321

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717032	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	mg/kg	<0.016	1.2	1.2	1.1	1.2	84	96	70-130	14	20		
1,1,2,2-Tetrachloroethane	mg/kg	<0.023	1.2	1.2	0.86	0.89	68	70	65-129	3	20		
1,1,2-Trichloroethane	mg/kg	<0.023	1.2	1.2	1.1	1.1	86	90	70-130	5	20		
1,1-Dichloroethane	mg/kg	<0.016	1.2	1.2	1.2	1.3	94	104	70-130	9	20		
1,1-Dichloroethene	mg/kg	<0.021	1.2	1.2	1.1	1.2	86	94	64-120	9	20		
1,2,4-Trichlorobenzene	mg/kg	<0.052	1.2	1.2	1.2	1.2	97	91	64-130	5	20		
1,2-Dibromo-3-chloropropane	mg/kg	<0.049	1.2	1.2	0.79	0.72	63	57	57-130	9	21		
1,2-Dibromoethane (EDB)	mg/kg	<0.017	1.2	1.2	0.98	1.1	77	86	70-130	11	20		
1,2-Dichlorobenzene	mg/kg	<0.020	1.2	1.2	1.1	1.1	86	88	70-130	2	20		
1,2-Dichloroethane	mg/kg	<0.015	1.2	1.2	1.1	1.2	86	96	70-130	11	20		
1,2-Dichloropropane	mg/kg	<0.015	1.2	1.2	1.1	1.3	90	103	72-122	12	20		
1,3-Dichlorobenzene	mg/kg	<0.017	1.2	1.2	1.1	1.1	84	87	70-130	3	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

Parameter	Units	2310320		2310321		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40235717032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	mg/kg	<0.017	1.2	1.2	1.1	1.1	85	90	70-130	6	20		
Benzene	mg/kg	<0.015	1.2	1.2	1.1	1.2	86	95	70-130	9	20		
Bromodichloromethane	mg/kg	<0.015	1.2	1.2	1.0	1.2	82	93	70-130	12	20		
Bromoform	mg/kg	<0.28	1.2	1.2	1.0	1.1	83	90	66-130	8	20		
Bromomethane	mg/kg	<0.089	1.2	1.2	1.1	1.2	90	97	13-153	7	20		
Carbon tetrachloride	mg/kg	<0.014	1.2	1.2	1.2	1.3	95	101	67-134	6	20		
Chlorobenzene	mg/kg	<0.0076	1.2	1.2	1.2	1.3	97	103	70-130	6	20		
Chloroethane	mg/kg	<0.027	1.2	1.2	1.3	1.4	99	111	11-195	11	20		
Chloroform	mg/kg	<0.045	1.2	1.2	1.1	1.3	90	100	79-120	11	20		
Chloromethane	mg/kg	<0.024	1.2	1.2	0.59	0.67	47	53	30-136	12	20		
cis-1,2-Dichloroethene	mg/kg	<0.014	1.2	1.2	1.1	1.2	86	96	70-130	11	20		
cis-1,3-Dichloropropene	mg/kg	<0.042	1.2	1.2	1.0	1.1	79	89	68-130	12	20		
Dibromochloromethane	mg/kg	<0.22	1.2	1.2	1.1	1.2	89	95	70-130	7	20		
Dichlorodifluoromethane	mg/kg	<0.027	1.2	1.2	0.26	0.27	21	21	10-158	1	25		
Ethylbenzene	mg/kg	<0.015	1.2	1.2	1.2	1.3	93	99	78-120	6	20		
Isopropylbenzene (Cumene)	mg/kg	<0.017	1.2	1.2	1.2	1.3	94	101	70-130	7	20		
m&p-Xylene	mg/kg	<0.027	2.5	2.5	2.4	2.5	93	100	70-130	7	20		
Methyl-tert-butyl ether	mg/kg	<0.019	1.2	1.2	0.85	0.97	67	77	65-130	14	20		
Methylene Chloride	mg/kg	<0.018	1.2	1.2	1.2	1.3	92	102	70-130	10	20		
o-Xylene	mg/kg	<0.019	1.2	1.2	1.2	1.2	93	98	70-130	6	20		
Styrene	mg/kg	<0.016	1.2	1.2	1.1	1.2	89	97	70-130	9	20		
Tetrachloroethene	mg/kg	<0.025	1.2	1.2	1.3	1.3	99	102	70-130	3	20		
Toluene	mg/kg	<0.016	1.2	1.2	1.1	1.3	90	100	76-120	10	20		
trans-1,2-Dichloroethene	mg/kg	<0.014	1.2	1.2	1.1	1.2	88	96	70-130	9	20		
trans-1,3-Dichloropropene	mg/kg	<0.18	1.2	1.2	0.96	1.0	76	81	70-130	7	20		
Trichloroethene	mg/kg	<0.024	1.2	1.2	1.2	1.3	93	101	70-130	9	20		
Trichlorofluoromethane	mg/kg	<0.018	1.2	1.2	1.0	1.1	81	85	42-159	4	21		
Vinyl chloride	mg/kg	<0.013	1.2	1.2	0.82	0.88	65	69	43-137	6	20		
1,2-Dichlorobenzene-d4 (S)	%						105	104	82-158				
4-Bromofluorobenzene (S)	%						91	93	66-153				
Toluene-d8 (S)	%						125	126	67-159				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch: 401249	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV TCLP
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717008

METHOD BLANK: 2316774 Matrix: Water

Associated Lab Samples: 40235717008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	mg/L	<0.00032	0.0010	11/10/21 16:53	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	11/10/21 16:53	
4-Bromofluorobenzene (S)	%	104	70-130	11/10/21 16:53	
Toluene-d8 (S)	%	95	70-130	11/10/21 16:53	

METHOD BLANK: 2315904 Matrix: Solid

Associated Lab Samples: 40235717008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	mg/L	<0.0032	0.010	11/10/21 21:28	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	11/10/21 21:28	
4-Bromofluorobenzene (S)	%	103	70-130	11/10/21 21:28	
Toluene-d8 (S)	%	94	70-130	11/10/21 21:28	

LABORATORY CONTROL SAMPLE: 2316775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	mg/L	0.05	0.048	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2317665 2317666

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40236465001 Result	Spike Conc.	Spike Conc.	Result						
Trichloroethene	mg/L	<0.0032	0.5	0.5	0.48	0.47	96	95	70-130	1	20
1,2-Dichlorobenzene-d4 (S)	%						100	100	70-130		
4-Bromofluorobenzene (S)	%						107	107	70-130		
Toluene-d8 (S)	%						95	96	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	399900	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016

METHOD BLANK: 2309128 Matrix: Solid
Associated Lab Samples: 40235717001, 40235717002, 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	mg/kg	<0.090	0.30	10/29/21 12:39	
1-Methylnaphthalene	mg/kg	<0.048	0.16	10/29/21 12:39	
2-Methylnaphthalene	mg/kg	<0.043	0.14	10/29/21 12:39	
Acenaphthene	mg/kg	<0.059	0.20	10/29/21 12:39	
Acenaphthylene	mg/kg	<0.060	0.20	10/29/21 12:39	
Anthracene	mg/kg	<0.027	0.089	10/29/21 12:39	
Benzo(a)anthracene	mg/kg	<0.026	0.086	10/29/21 12:39	
Benzo(a)pyrene	mg/kg	<0.025	0.084	10/29/21 12:39	
Benzo(b)fluoranthene	mg/kg	<0.029	0.096	10/29/21 12:39	
Benzo(g,h,i)perylene	mg/kg	<0.044	0.15	10/29/21 12:39	
Benzo(k)fluoranthene	mg/kg	<0.040	0.13	10/29/21 12:39	
Chrysene	mg/kg	<0.025	0.083	10/29/21 12:39	
Dibenz(a,h)anthracene	mg/kg	<0.045	0.15	10/29/21 12:39	
Fluoranthene	mg/kg	<0.024	0.079	10/29/21 12:39	
Fluorene	mg/kg	<0.020	0.065	10/29/21 12:39	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.036	0.12	10/29/21 12:39	
Naphthalene	mg/kg	<0.058	0.19	10/29/21 12:39	
Phenanthrene	mg/kg	<0.021	0.071	10/29/21 12:39	
Pyrene	mg/kg	<0.037	0.12	10/29/21 12:39	
2,4,6-Tribromophenol (S)	%	81	10-128	10/29/21 12:39	
2-Fluorobiphenyl (S)	%	74	14-110	10/29/21 12:39	
2-Fluorophenol (S)	%	67	10-112	10/29/21 12:39	
Nitrobenzene-d5 (S)	%	67	40-96	10/29/21 12:39	
Phenol-d6 (S)	%	66	14-104	10/29/21 12:39	
Terphenyl-d14 (S)	%	101	10-121	10/29/21 12:39	

LABORATORY CONTROL SAMPLE: 2309129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.7	103	70-130	
2-Methylnaphthalene	mg/kg	1.7	1.7	101	70-130	
Acenaphthene	mg/kg	1.7	1.7	103	80-120	
Acenaphthylene	mg/kg	1.7	1.8	107	70-130	
Anthracene	mg/kg	1.7	1.7	103	70-130	
Benzo(a)anthracene	mg/kg	1.7	1.7	104	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2309129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	mg/kg	1.7	1.7	105	80-120	
Benzo(b)fluoranthene	mg/kg	1.7	1.7	104	70-130	
Benzo(g,h,i)perylene	mg/kg	1.7	1.6	97	70-127	
Benzo(k)fluoranthene	mg/kg	1.7	1.8	107	70-130	
Chrysene	mg/kg	1.7	1.7	105	70-130	
Dibenz(a,h)anthracene	mg/kg	1.7	1.7	100	70-130	
Fluoranthene	mg/kg	1.7	1.7	100	80-120	
Fluorene	mg/kg	1.7	1.8	108	70-130	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.5	90	70-131	
Naphthalene	mg/kg	1.7	1.6	94	70-130	
Phenanthrene	mg/kg	1.7	1.7	102	70-130	
Pyrene	mg/kg	1.7	1.8	110	70-130	
2,4,6-Tribromophenol (S)	%			98	10-128	
2-Fluorobiphenyl (S)	%			94	14-110	
2-Fluorophenol (S)	%			71	10-112	
Nitrobenzene-d5 (S)	%			88	40-96	
Phenol-d6 (S)	%			81	14-104	
Terphenyl-d14 (S)	%			98	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309130 2309131

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717005 Result	Spike Conc.	MSD Spike Conc.	MSD Result								
1-Methylnaphthalene	mg/kg	<0.16	1.9	1.9	1.5	1.5	83	83	45-130	1	20		
2-Methylnaphthalene	mg/kg	<0.15	1.9	1.9	1.4	1.4	78	75	56-130	4	24		
Acenaphthene	mg/kg	<0.20	1.9	1.9	1.5	1.5	83	79	58-120	4	24		
Acenaphthylene	mg/kg	<0.20	1.9	1.9	1.6	1.5	85	81	61-130	4	25		
Anthracene	mg/kg	<0.089	1.9	1.9	1.5	1.4	82	76	67-130	8	27		
Benzo(a)anthracene	mg/kg	<0.087	1.9	1.9	1.6	1.5	84	81	62-130	4	24		
Benzo(a)pyrene	mg/kg	<0.084	1.9	1.9	1.6	1.5	85	78	63-120	8	24		
Benzo(b)fluoranthene	mg/kg	<0.096	1.9	1.9	1.5	1.2	83	64	61-130	27	27		
Benzo(g,h,i)perylene	mg/kg	<0.15	1.9	1.9	1.7	1.3	90	72	56-127	23	23		
Benzo(k)fluoranthene	mg/kg	<0.13	1.9	1.9	1.7	1.3	91	71	55-130	24	24		
Chrysene	mg/kg	<0.084	1.9	1.9	1.4	1.5	76	80	62-130	5	24		
Dibenz(a,h)anthracene	mg/kg	<0.15	1.9	1.9	1.6	1.1	87	61	51-130	34	29	R1	
Fluoranthene	mg/kg	<0.079	1.9	1.9	1.4	1.4	76	76	59-120	0	29		
Fluorene	mg/kg	<0.065	1.9	1.9	1.5	1.5	83	81	60-130	2	20		
Indeno(1,2,3-cd)pyrene	mg/kg	<0.12	1.9	1.9	1.5	1.1	83	61	47-148	31	29	R1	
Naphthalene	mg/kg	<0.20	1.9	1.9	1.4	1.4	74	73	63-130	1	25		
Phenanthrene	mg/kg	<0.072	1.9	1.9	1.6	1.4	84	77	65-130	8	27		
Pyrene	mg/kg	<0.12	1.9	1.9	1.7	1.8	92	96	54-130	4	23		
2,4,6-Tribromophenol (S)	%						78	75	10-128				
2-Fluorobiphenyl (S)	%						79	78	14-110				
2-Fluorophenol (S)	%						53	63	10-112				
Nitrobenzene-d5 (S)	%						67	72	40-96				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2309130												2309131	
Parameter	Units	40235717005 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Phenol-d6 (S)	%						69	65	14-104				
Terphenyl-d14 (S)	%						77	90	10-121				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

QC Batch:	400169	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020, 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

METHOD BLANK: 2311396 Matrix: Solid
Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020, 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dioxane (p-Dioxane)	mg/kg	<0.090	0.30	11/01/21 15:31	
1-Methylnaphthalene	mg/kg	<0.048	0.16	11/01/21 15:31	
2-Methylnaphthalene	mg/kg	<0.043	0.14	11/01/21 15:31	
Acenaphthene	mg/kg	<0.059	0.20	11/01/21 15:31	
Acenaphthylene	mg/kg	<0.060	0.20	11/01/21 15:31	
Anthracene	mg/kg	<0.027	0.089	11/01/21 15:31	
Benzo(a)anthracene	mg/kg	<0.026	0.086	11/01/21 15:31	
Benzo(a)pyrene	mg/kg	<0.025	0.084	11/01/21 15:31	
Benzo(b)fluoranthene	mg/kg	<0.029	0.096	11/01/21 15:31	
Benzo(g,h,i)perylene	mg/kg	<0.044	0.15	11/01/21 15:31	
Benzo(k)fluoranthene	mg/kg	<0.040	0.13	11/01/21 15:31	
Chrysene	mg/kg	<0.025	0.083	11/01/21 15:31	
Dibenz(a,h)anthracene	mg/kg	<0.045	0.15	11/01/21 15:31	
Fluoranthene	mg/kg	<0.024	0.079	11/01/21 15:31	
Fluorene	mg/kg	<0.020	0.065	11/01/21 15:31	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.036	0.12	11/01/21 15:31	
Naphthalene	mg/kg	<0.058	0.19	11/01/21 15:31	
Phenanthrene	mg/kg	<0.021	0.071	11/01/21 15:31	
Pyrene	mg/kg	<0.037	0.12	11/01/21 15:31	
2,4,6-Tribromophenol (S)	%	81	10-128	11/01/21 15:31	
2-Fluorobiphenyl (S)	%	74	14-110	11/01/21 15:31	
2-Fluorophenol (S)	%	60	10-112	11/01/21 15:31	
Nitrobenzene-d5 (S)	%	66	40-96	11/01/21 15:31	
Phenol-d6 (S)	%	61	14-104	11/01/21 15:31	
Terphenyl-d14 (S)	%	90	10-121	11/01/21 15:31	

LABORATORY CONTROL SAMPLE: 2311397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.8	106	70-130	
2-Methylnaphthalene	mg/kg	1.7	1.7	103	70-130	
Acenaphthene	mg/kg	1.7	1.7	103	80-120	
Acenaphthylene	mg/kg	1.7	1.8	107	70-130	
Anthracene	mg/kg	1.7	1.8	106	70-130	
Benzo(a)anthracene	mg/kg	1.7	1.8	106	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

LABORATORY CONTROL SAMPLE: 2311397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	mg/kg	1.7	1.7	102	80-120	
Benzo(b)fluoranthene	mg/kg	1.7	1.7	101	70-130	
Benzo(g,h,i)perylene	mg/kg	1.7	1.6	93	70-127	
Benzo(k)fluoranthene	mg/kg	1.7	1.7	103	70-130	
Chrysene	mg/kg	1.7	1.8	107	70-130	
Dibenz(a,h)anthracene	mg/kg	1.7	1.5	90	70-130	
Fluoranthene	mg/kg	1.7	1.7	101	80-120	
Fluorene	mg/kg	1.7	1.7	104	70-130	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	70-131	
Naphthalene	mg/kg	1.7	1.7	103	70-130	
Phenanthrene	mg/kg	1.7	1.8	106	70-130	
Pyrene	mg/kg	1.7	1.8	111	70-130	
2,4,6-Tribromophenol (S)	%			99	10-128	
2-Fluorobiphenyl (S)	%			92	14-110	
2-Fluorophenol (S)	%			92	10-112	
Nitrobenzene-d5 (S)	%			99	40-96	S0
Phenol-d6 (S)	%			93	14-104	
Terphenyl-d14 (S)	%			98	10-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311398 2311399

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40235717017 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	mg/kg	<0.057	2.1	2.1	2.1	1.8	1.9	89	93	45-130	4	20	
2-Methylnaphthalene	mg/kg	<0.052	2.1	2.1	2.1	1.7	1.8	86	92	56-130	7	24	
Acenaphthene	mg/kg	<0.071	2.1	2.1	2.1	1.7	1.9	85	93	58-120	9	24	
Acenaphthylene	mg/kg	<0.072	2.1	2.1	2.1	1.8	1.9	89	97	61-130	8	25	
Anthracene	mg/kg	<0.032	2.1	2.1	2.1	1.8	1.8	90	91	67-130	1	27	
Benzo(a)anthracene	mg/kg	<0.031	2.1	2.1	2.1	1.8	1.8	90	91	62-130	0	24	
Benzo(a)pyrene	mg/kg	<0.030	2.1	2.1	2.1	1.8	1.8	89	88	63-120	1	24	
Benzo(b)fluoranthene	mg/kg	<0.035	2.1	2.1	2.1	1.7	1.7	87	86	61-130	0	27	
Benzo(g,h,i)perylene	mg/kg	<0.053	2.1	2.1	2.1	1.8	1.6	90	81	56-127	11	23	
Benzo(k)fluoranthene	mg/kg	<0.048	2.1	2.1	2.1	1.8	1.7	87	86	55-130	1	24	
Chrysene	mg/kg	<0.030	2.1	2.1	2.1	1.8	1.9	89	92	62-130	4	24	
Dibenz(a,h)anthracene	mg/kg	<0.055	2.1	2.1	2.1	1.7	1.5	86	74	51-130	15	29	
Fluoranthene	mg/kg	<0.028	2.1	2.1	2.1	1.8	1.7	87	83	59-120	5	29	
Fluorene	mg/kg	<0.023	2.1	2.1	2.1	1.8	1.9	90	93	60-130	4	20	
Indeno(1,2,3-cd)pyrene	mg/kg	<0.044	2.1	2.1	2.1	1.6	1.5	78	73	47-148	7	29	
Naphthalene	mg/kg	<0.070	2.1	2.1	2.1	1.6	1.8	80	89	63-130	10	25	
Phenanthrene	mg/kg	<0.026	2.1	2.1	2.1	1.8	1.9	89	92	65-130	3	27	
Pyrene	mg/kg	<0.045	2.1	2.1	2.1	1.8	2.0	92	97	54-130	6	23	
2,4,6-Tribromophenol (S)	%							78	88	10-128			
2-Fluorobiphenyl (S)	%							77	85	14-110			
2-Fluorophenol (S)	%							64	77	10-112			
Nitrobenzene-d5 (S)	%							77	83	40-96			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2311398												2311399	
Parameter	Units	40235717017 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
			Spike Conc.	Spike Conc.									
Phenol-d6 (S)	%							70	78	14-104			
Terphenyl-d14 (S)	%							80	85	10-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	400031	Analysis Method:	WI MOD DRO
QC Batch Method:	WI MOD DRO	Analysis Description:	WIDRO GCS
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020

METHOD BLANK: 2309826 Matrix: Solid
Associated Lab Samples: 40235717017, 40235717018, 40235717019, 40235717020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.4	11/01/21 06:14	

Parameter	Units	2309827		2309828		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Diesel Range Organics	mg/kg	40	32.1	31.5	80	79	70-120	2	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch: 399623

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717001, 40235717002

SAMPLE DUPLICATE: 2307443

Parameter	Units	40235311004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.0	15.6	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch: 399630

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717003, 40235717004, 40235717005, 40235717006, 40235717007, 40235717008, 40235717009, 40235717010, 40235717011, 40235717012, 40235717013, 40235717014, 40235717015, 40235717016, 40235717017, 40235717018, 40235717019, 40235717020

SAMPLE DUPLICATE: 2307445

Parameter	Units	40235717007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	13.7	4	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

QC Batch:	399638	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40235717021, 40235717022, 40235717023, 40235717024, 40235717025, 40235717026, 40235717027, 40235717028, 40235717029, 40235717030, 40235717031, 40235717032

SAMPLE DUPLICATE: 2307475

Parameter	Units	40235717026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.0	14.1	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 22.0009 FORMER MM

Pace Project No.: 40235717

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40235717

[1] Revised report per client request to add TCLP TCE to sample SB-4 (10-12). 11/15/21 CDH

SAMPLE QUALIFIERS

Sample: 40235717008

[1] Sample container used for ZHE had headspace.

[2] Sample extracted and analyzed outside of EPA holding time per client request.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

DC Chromatographic pattern inconsistent with typical Diesel Fuel.

H2 Extraction or preparation was conducted outside of the recognized method holding time.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717017	SB-9 (2-4)	WI MOD DRO	400031	WI MOD DRO	400087
40235717018	SB-9 (7-9)	WI MOD DRO	400031	WI MOD DRO	400087
40235717019	SB-10 (4-6)	WI MOD DRO	400031	WI MOD DRO	400087
40235717020	SB-10 (8-10)	WI MOD DRO	400031	WI MOD DRO	400087
40235717001	SB-1 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717002	SB-1 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717003	SB-2 (0-2)	EPA 3050B	399616	EPA 6010D	399698
40235717004	SB-2 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717005	SB-3 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717006	SB-3 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717007	SB-4 (6-8)	EPA 3050B	399616	EPA 6010D	399698
40235717008	SB-4 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717009	SB-5 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717010	SB-5 (10-12)	EPA 3050B	399616	EPA 6010D	399698
40235717011	SB-6 (0-5)	EPA 3050B	399616	EPA 6010D	399698
40235717012	SB-6 (7-10)	EPA 3050B	399616	EPA 6010D	399698
40235717013	SB-7 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717014	SB-7 (6-8)	EPA 3050B	399616	EPA 6010D	399698
40235717015	SB-8 (0-5)	EPA 3050B	399616	EPA 6010D	399698
40235717016	SB-8 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717017	SB-9 (2-4)	EPA 3050B	399616	EPA 6010D	399698
40235717018	SB-9 (7-9)	EPA 3050B	399616	EPA 6010D	399698
40235717019	SB-10 (4-6)	EPA 3050B	399616	EPA 6010D	399698
40235717020	SB-10 (8-10)	EPA 3050B	399616	EPA 6010D	399698
40235717021	SB-11 (2-4)	EPA 3050B	399617	EPA 6010D	399690
40235717022	SB-11 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717023	SB-12 (0-5)	EPA 3050B	399617	EPA 6010D	399690
40235717024	SB-12 (15-18)	EPA 3050B	399617	EPA 6010D	399690
40235717025	SB-13 (5-10)	EPA 3050B	399617	EPA 6010D	399690
40235717026	SB-13 (10-15)	EPA 3050B	399617	EPA 6010D	399690
40235717027	SB-14 (0-5)	EPA 3050B	399617	EPA 6010D	399690
40235717028	SB-14 (15-20)	EPA 3050B	399617	EPA 6010D	399690
40235717029	SB-3 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717030	SB-4 (8-10)	EPA 3050B	399617	EPA 6010D	399690
40235717031	SB-5 (12-15)	EPA 3050B	399617	EPA 6010D	399690
40235717032	SB-9 (9-10)	EPA 3050B	399617	EPA 6010D	399690
40235717001	SB-1 (2-4)	EPA 7471	400189	EPA 7471	400346
40235717002	SB-1 (4-6)	EPA 7471	400189	EPA 7471	400346
40235717003	SB-2 (0-2)	EPA 7471	400189	EPA 7471	400346
40235717004	SB-2 (4-6)	EPA 7471	400189	EPA 7471	400346
40235717005	SB-3 (2-4)	EPA 7471	400189	EPA 7471	400346
40235717006	SB-3 (10-12)	EPA 7471	400189	EPA 7471	400346
40235717007	SB-4 (6-8)	EPA 7471	400189	EPA 7471	400346
40235717008	SB-4 (10-12)	EPA 7471	400190	EPA 7471	400414
40235717009	SB-5 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717010	SB-5 (10-12)	EPA 7471	400190	EPA 7471	400414
40235717011	SB-6 (0-5)	EPA 7471	400190	EPA 7471	400414

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717012	SB-6 (7-10)	EPA 7471	400190	EPA 7471	400414
40235717013	SB-7 (4-6)	EPA 7471	400190	EPA 7471	400414
40235717014	SB-7 (6-8)	EPA 7471	400190	EPA 7471	400414
40235717015	SB-8 (0-5)	EPA 7471	400190	EPA 7471	400414
40235717016	SB-8 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717017	SB-9 (2-4)	EPA 7471	400190	EPA 7471	400414
40235717018	SB-9 (7-9)	EPA 7471	400190	EPA 7471	400414
40235717019	SB-10 (4-6)	EPA 7471	400190	EPA 7471	400414
40235717020	SB-10 (8-10)	EPA 7471	400190	EPA 7471	400414
40235717021	SB-11 (2-4)	EPA 7471	400193	EPA 7471	400415
40235717022	SB-11 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717023	SB-12 (0-5)	EPA 7471	400193	EPA 7471	400415
40235717024	SB-12 (15-18)	EPA 7471	400193	EPA 7471	400415
40235717025	SB-13 (5-10)	EPA 7471	400193	EPA 7471	400415
40235717026	SB-13 (10-15)	EPA 7471	400193	EPA 7471	400415
40235717027	SB-14 (0-5)	EPA 7471	400193	EPA 7471	400415
40235717028	SB-14 (15-20)	EPA 7471	400193	EPA 7471	400415
40235717029	SB-3 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717030	SB-4 (8-10)	EPA 7471	400193	EPA 7471	400415
40235717031	SB-5 (12-15)	EPA 7471	400193	EPA 7471	400415
40235717032	SB-9 (9-10)	EPA 7471	400193	EPA 7471	400415
40235717001	SB-1 (2-4)	EPA 3546	399900	EPA 8270E	399976
40235717002	SB-1 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717003	SB-2 (0-2)	EPA 3546	399900	EPA 8270E	399976
40235717004	SB-2 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717005	SB-3 (2-4)	EPA 3546	399900	EPA 8270E	399976
40235717006	SB-3 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717007	SB-4 (6-8)	EPA 3546	399900	EPA 8270E	399976
40235717008	SB-4 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717009	SB-5 (8-10)	EPA 3546	399900	EPA 8270E	399976
40235717010	SB-5 (10-12)	EPA 3546	399900	EPA 8270E	399976
40235717011	SB-6 (0-5)	EPA 3546	399900	EPA 8270E	399976
40235717012	SB-6 (7-10)	EPA 3546	399900	EPA 8270E	399976
40235717013	SB-7 (4-6)	EPA 3546	399900	EPA 8270E	399976
40235717014	SB-7 (6-8)	EPA 3546	399900	EPA 8270E	399976
40235717015	SB-8 (0-5)	EPA 3546	399900	EPA 8270E	399976
40235717016	SB-8 (8-10)	EPA 3546	399900	EPA 8270E	399976
40235717017	SB-9 (2-4)	EPA 3546	400169	EPA 8270E	400260
40235717018	SB-9 (7-9)	EPA 3546	400169	EPA 8270E	400260
40235717019	SB-10 (4-6)	EPA 3546	400169	EPA 8270E	400260
40235717020	SB-10 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717021	SB-11 (2-4)	EPA 3546	400169	EPA 8270E	400260
40235717022	SB-11 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717023	SB-12 (0-5)	EPA 3546	400169	EPA 8270E	400260
40235717024	SB-12 (15-18)	EPA 3546	400169	EPA 8270E	400260
40235717025	SB-13 (5-10)	EPA 3546	400169	EPA 8270E	400260
40235717026	SB-13 (10-15)	EPA 3546	400169	EPA 8270E	400260

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717027	SB-14 (0-5)	EPA 3546	400169	EPA 8270E	400260
40235717028	SB-14 (15-20)	EPA 3546	400169	EPA 8270E	400260
40235717029	SB-3 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717030	SB-4 (8-10)	EPA 3546	400169	EPA 8270E	400260
40235717031	SB-5 (12-15)	EPA 3546	400169	EPA 8270E	400260
40235717032	SB-9 (9-10)	EPA 3546	400169	EPA 8270E	400260
40235717001	SB-1 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717002	SB-1 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717003	SB-2 (0-2)	EPA 5035/5030B	399668	EPA 8260	399672
40235717004	SB-2 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717005	SB-3 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717006	SB-3 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717007	SB-4 (6-8)	EPA 5035/5030B	399668	EPA 8260	399672
40235717008	SB-4 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717009	SB-5 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717010	SB-5 (10-12)	EPA 5035/5030B	399668	EPA 8260	399672
40235717011	SB-6 (0-5)	EPA 5035/5030B	399668	EPA 8260	399672
40235717012	SB-6 (7-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717013	SB-7 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717014	SB-7 (6-8)	EPA 5035/5030B	399668	EPA 8260	399672
40235717015	SB-8 (0-5)	EPA 5035/5030B	399668	EPA 8260	399672
40235717016	SB-8 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717017	SB-9 (2-4)	EPA 5035/5030B	399668	EPA 8260	399672
40235717018	SB-9 (7-9)	EPA 5035/5030B	399668	EPA 8260	399672
40235717019	SB-10 (4-6)	EPA 5035/5030B	399668	EPA 8260	399672
40235717020	SB-10 (8-10)	EPA 5035/5030B	399668	EPA 8260	399672
40235717021	SB-11 (2-4)	EPA 5035/5030B	400003	EPA 8260	400005
40235717022	SB-11 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717023	SB-12 (0-5)	EPA 5035/5030B	400003	EPA 8260	400005
40235717024	SB-12 (15-18)	EPA 5035/5030B	400003	EPA 8260	400005
40235717025	SB-13 (5-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717026	SB-13 (10-15)	EPA 5035/5030B	400003	EPA 8260	400005
40235717027	SB-14 (0-5)	EPA 5035/5030B	400003	EPA 8260	400005
40235717028	SB-14 (15-20)	EPA 5035/5030B	400003	EPA 8260	400005
40235717029	SB-3 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717030	SB-4 (8-10)	EPA 5035/5030B	400003	EPA 8260	400005
40235717031	SB-5 (12-15)	EPA 5035/5030B	400003	EPA 8260	400005
40235717032	SB-9 (9-10)	EPA 5035/5030B	400092	EPA 8260	400095
40235717033	TRIP BLANK	EPA 5035/5030B	400092	EPA 8260	400095
40235717008	SB-4 (10-12)	EPA 8260	401249		
40235717001	SB-1 (2-4)	ASTM D2974-87	399623		
40235717002	SB-1 (4-6)	ASTM D2974-87	399623		
40235717003	SB-2 (0-2)	ASTM D2974-87	399630		
40235717004	SB-2 (4-6)	ASTM D2974-87	399630		
40235717005	SB-3 (2-4)	ASTM D2974-87	399630		
40235717006	SB-3 (10-12)	ASTM D2974-87	399630		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 22.0009 FORMER MM
Pace Project No.: 40235717

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40235717007	SB-4 (6-8)	ASTM D2974-87	399630		
40235717008	SB-4 (10-12)	ASTM D2974-87	399630		
40235717009	SB-5 (8-10)	ASTM D2974-87	399630		
40235717010	SB-5 (10-12)	ASTM D2974-87	399630		
40235717011	SB-6 (0-5)	ASTM D2974-87	399630		
40235717012	SB-6 (7-10)	ASTM D2974-87	399630		
40235717013	SB-7 (4-6)	ASTM D2974-87	399630		
40235717014	SB-7 (6-8)	ASTM D2974-87	399630		
40235717015	SB-8 (0-5)	ASTM D2974-87	399630		
40235717016	SB-8 (8-10)	ASTM D2974-87	399630		
40235717017	SB-9 (2-4)	ASTM D2974-87	399630		
40235717018	SB-9 (7-9)	ASTM D2974-87	399630		
40235717019	SB-10 (4-6)	ASTM D2974-87	399630		
40235717020	SB-10 (8-10)	ASTM D2974-87	399630		
40235717021	SB-11 (2-4)	ASTM D2974-87	399638		
40235717022	SB-11 (8-10)	ASTM D2974-87	399638		
40235717023	SB-12 (0-5)	ASTM D2974-87	399638		
40235717024	SB-12 (15-18)	ASTM D2974-87	399638		
40235717025	SB-13 (5-10)	ASTM D2974-87	399638		
40235717026	SB-13 (10-15)	ASTM D2974-87	399638		
40235717027	SB-14 (0-5)	ASTM D2974-87	399638		
40235717028	SB-14 (15-20)	ASTM D2974-87	399638		
40235717029	SB-3 (8-10)	ASTM D2974-87	399638		
40235717030	SB-4 (8-10)	ASTM D2974-87	399638		
40235717031	SB-5 (12-15)	ASTM D2974-87	399638		
40235717032	SB-9 (9-10)	ASTM D2974-87	399638		

REPORT OF LABORATORY ANALYSIS

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

40235717

(Please Print Clearly)

Company Name:	Kapur & Associates Inc.
Branch/Location:	Glendale, WI
Project Contact:	Ashley Wagner
Phone:	(414)410-5206
Project Number:	22.0009
Project Name:	Former MM
Project State:	Wisconsin
Sampled By (Print):	Jennifer Skweres
Sampled By (Sign):	
PO #:	Regulatory Program:



CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	N	N	N								
Pick Letter	F	A	A	A								
Analyses Requested	VOCs (include 1,4-dioxane)											
	PAH											
	RCRA Metals/Dry Weight											

COC No.

Quote #:		
Mail To Contact:	Ashley Wagner	
Mail To Company:	Kapur & Associates Inc.	
Mail To Address:	7711 N Port Washington Rd. Milwaukee, WI 53217	
Invoice To Contact:	same	
Invoice To Company:	as	
Invoice To Address:	above	
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Filtered?	Preservation Code	VOCs	PAH	RCRA Metals	Dry Weight
		DATE	TIME							
001	SB-1 (2-4)	10/21/21	8:26	S			X	X	X	
002	SB-1 (4-6)	10/21/21	8:30	S			X	X	X	
003	SB-2 (0-2)	10/21/21	9:12	S			X	X	X	
004	SB-2 (4-6)	10/21/21	9:15	S			X	X	X	
005	SB-3 (2-4)	10/21/21	9:57	S			X	X	X	
006	SB-3 (10-12)	10/21/21	10:05	S			X	X	X	
007	SB-4 (6-8)	10/21/21	10:36	S			X	X	X	
008	SB-4 (10-12)	10/21/21	10:42	S			X	X	X	
009	SB-5 (8-10)	10/21/21	11:40	S			X	X	X	
010	SB-5 (10-12)	10/21/21	11:41	S			X	X	X	
011	SB-6 (0-5)	10/21/21	11:51	S			X	X	X	
012	SB-6 (7-10)	10/21/21	11:56	S			X	X	X	
013	SB-7 (4-6)	10/21/21	12:15	S			X	X	X	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:

Email #2:

Telephone:

Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time: 10/21/21 11:26	Received By:	Date/Time:
Relinquished By:	Date/Time: 10/23/21 0855	Received By:	Date/Time: 10/23/21 0855
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40235717

Receipt Temp = 1, 1 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present (Not Present)

Intact / Not Intact

Version 6.0 06/14/06

40235717

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

(Please Print Clearly)

Company Name:	Kapur & Associates Inc.
Branch/Location:	Glendale, WI
Project Contact:	Ashley Wagner
Phone:	(414)410-5206
Project Number:	22.0009
Project Name:	Former MM
Project State:	Wisconsin
Sampled By (Print):	Jennifer Skweres
Sampled By (Sign):	
PO #:	
Regulatory Program:	



CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
PRESERVATION
(CODE)*

Y/N	N	N	N	N						
Pick Letter	F	A	A	A						
Analyses Requested	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight	DRO						

Data Package Options (billable) EPA Level III EPA Level IV	MS/MSD On your sample (billable) NOT needed on your sample	Matrix Codes A = Air B = Biota C = Charcoal O = Oil S = Soil SI = Sludge W = Water DW = Drinking Water GW = Ground Water SW = Surface Water WW = Waste Water WP = Wipe
--	---	---

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight	DRO							
		DATE	TIME													
014	SB-7 (6-8)	10/21/21	12:16	S		X	X	X								
015	SB-8 (0-5)	10/21/21	12:45	S		X	X	X								
016	SB-8 (8-10)	10/21/21	12:51	S		X	X	X								
017	SB-9 (2-4)	10/21/21	13:32	S		X	X	X	X							
018	SB-9 (7-9)	10/21/21	13:36	S		X	X	X	X							
019	SB-10 (4-6)	10/21/21	14:15	S		X	X	X	X							
020	SB-10 (8-10)	10/21/21	14:17	S		X	X	X	X							
021	SB-11 (2-4)	10/21/21	14:31	S		X	X	X								
022	SB-11 (8-10)	10/21/21	14:37	S		X	X	X								
023	SB-12 (0-5)	10/22/21	8:41	S		X	X	X								
024	SB-12 (15-18)	10/22/21	8:55	S		X	X	X								
025	SB-13 (5-10)	10/22/21	9:50	S		X	X	X								
026	SB-13 (10-15)	10/22/21	10:00	S		X	X	X								

Quote #:

Mail To Contact: Ashley Wagner

Mail To Company: Kapur & Associates Inc.

Mail To Address: 7711 N Port Washington Rd.
Milwaukee, WI 53217

Invoice To Contact: same

Invoice To Company: as

Invoice To Address: above

Invoice To Phone:

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:

Email #2:

Telephone:

Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: Date/Time: 10/22/21

Received By: Date/Time: 10/22/21

Relinquished By: Date/Time: 10/23/21 0855

Received By: Date/Time: 10/23/21 0855

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received By: Date/Time:

PACE Project No. 40235717

Receipt Temp = 1,1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present / Not Intact

Version 6.0 06/14/06

40235717

UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

(Please Print Clearly)

Company Name: Kapur & Associates Inc.
 Branch/Location: Glendale, WI
 Project Contact: Ashley Wagner
 Phone: (414)410-5206
 Project Number: 22.0009
 Project Name: Former MM
 Project State: Wisconsin
 Sampled By (Print): Jennifer Skweres
 Sampled By (Sign): *[Signature]*



CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

COC No.

Quote #:
 Mail To Contact: Ashley Wagner
 Mail To Company: Kapur & Associates Inc.
 Mail To Address: 7711 N Port Washington Rd. Milwaukee, WI 53217
 Invoice To Contact: same
 Invoice To Company: as
 Invoice To Address: above
 Invoice To Phone:

Y/N:	N	N	N							
Pick Letter	F	A	A							

Data Package Options
 (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Regulatory Program:

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analyses Requested	VOCs (include 1,4-dioxane)	PAH	RCRA Metals/Dry Weight				
		DATE	TIME									
027	SB-14 (0-5)	10/22/21	11:27	S		X	X	X				
028	SB-14 (15-20)	10/22/21	11:50	S		X	X	X				
029	SB-3 (8-10)	10/21/21	10:02	S		X	X	X				
030	SB-4 (8-10)	10/21/21	10:37	S		X	X	X				
031	SB-5 (12-15)	10/21/21	11:31	S		X	X	X				
032	SB-9 (9-10)	10/21/21	13:37	S		X	X	X				
033	TRIP BLANK	--	--	MeOH								Lab Prepared

CLIENT COMMENTS **LAB COMMENTS (Lab Use Only)** **Profile #**

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: *10/22/21*
 Relinquished By: *[Signature]* Date/Time: *10/22/21 08:26*
 Received By: *[Signature]* Date/Time: *10/22/21 08:55*

Transmit Prelim Rush Results by (complete what you want):
 Email #1: *CS Logistics 1023121 0855*
 Email #2: *[Signature]* Date/Time: *10/22/21 08:55*
 Telephone: *[Signature]* Date/Time: *10/22/21 08:55*
 Fax: *[Signature]* Date/Time: *10/22/21 08:55*

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. **40235717**
 Receipt Temp = *1.1* °C
 Sample Receipt pH *OK / Adjusted*
 Cooler Custody Seal Present / Not Present
 Intact / Not Intact Intact / Not Intact

Version 6.0 06/14/06

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Kapur

Project # 4025717

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						


Sample Preservation Receipt Form

Client Name: Kapur

Project #: 403777

Pace Lab #	Glass						Plastic					Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)								
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN				
021																																					2.5 / 5 / 10
022																																					2.5 / 5 / 10
023																																					2.5 / 5 / 10
024																																					2.5 / 5 / 10
025																																					2.5 / 5 / 10
026																																					2.5 / 5 / 10
027																																					2.5 / 5 / 10
028																																					2.5 / 5 / 10
029																																					2.5 / 5 / 10
030																																					2.5 / 5 / 10
031																																					2.5 / 5 / 10
032																																					2.5 / 5 / 10
033																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10
																																					2.5 / 5 / 10

10/25/21
SRK

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40235717

Client Name: Kapur

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: 2085-102221

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-107 Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.0 1.0 / Corr: 1.0, 1.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:	
Date: <u>10/25/17</u>	Initials: <u>SRK</u>
Labeled By Initials: <u>SKW</u>	

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>003 + 021 WPFU no time</u>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		<u>10/25/17 SRK</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>B106901VB</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

APPENDIX E

METHODS OF INVESTIGATION

METHODS OF INVESTIGATION

1. Drilling and Collection of Soil Samples

Hydraulic Push (Geoprobe)

On October 21 and October 22, 2021 Horizon Construction and Exploration (Horizon) of Fredonia, Wisconsin, advanced fourteen (14) soil borings at the site using direct push/geoprobe boring and sampling techniques, designated SB-1 through SB-14, to a maximum depth of 40 ft bgs. The Geoprobe is a hydraulically powered, soil probing machine that uses static force and a percussion hammer to advance small diameter sampling tools into the subsurface to collect soil cores, groundwater samples, and soil gas samples. Boring and sampling by Geoprobe techniques consists in pushing hydraulically a 2.25-inch outside diameter (OD) steel sampler into the ground and retrieving the soil sample in a 48 or 60-inch long, 1.5-inch inside diameter (ID) clear acetate or PVC liner. During drilling, continuous soil samples were obtained from soil borings in general accordance with the Standard Penetration Test (SPT) procedure (ASTM D-1586) ensuring that no gaps appeared in soil column. The samples were examined for color, odor, texture, moistness, and other characteristics of the soil. These observations were used to prepare descriptive geologic logs for each boring and classify the soils according to Unified Soil Classification System (USCS).

2. Temporary Monitoring Well Installation and Development

Temporary monitoring wells were installed using a Hydraulic Push (Geoprobe) equipped with a 4-inch and 2-inch diameter probe. Boreholes were advanced to a maximum depth of 30 feet bgs before a 1-inch diameter PVC temporary monitoring well was inserted. Temporary monitoring wells were constructed using ten (10) feet of threaded PVC factory slotted screen and five (5) feet of solid threaded PVC riser. Filter sand, fine sand, and granular bentonite were placed inside the annular space as the probe was removed. The wells were capped with a PVC cover.

Each temporary monitoring well was developed prior to sampling using ¼" poly tubing extended to the depth of the well and purged with a peristaltic pump to rid the well of any sediment remaining from drilling activities. Each temporary monitoring well was purged dry several times or a minimum of 3 casing volumes to obtain a sediment free sample.

4. Decontamination Procedures

All down hole boring and sampling equipment was decontaminated before use and between the borings and sampling activities. The steel sampler was decontaminated by the drilling contractor personnel between samples by scrubbing off soil particles with a brush and water in a bucket with an Alconox solution and then rinsing the sampler in a separate bucket of clean water. Two or more macro-core samplers were used alternately to minimize drilling delays during decontamination of the sampler.

5. Field-Screening of Soil Samples

A portion of each sample was field-screened for the presence of VOCs using a MiniRae 3000 PID equipped with an 10.6 eV probe. The samples were tested by filling a ziptight plastic freezer storage (zip-lock) bag half-full with desegregated soil and then sealing the bag. The bags were then set aside for a minimum of 20 minutes to allow any VOCs present within the soil to volatilize and equilibrate within headspace in the bag. If the ambient outside temperature was less than 70⁰ Fahrenheit, then the sample was heated by storing the sample bag adjacent to the heating vent inside a heated truck cab. The VOC concentration in the bag

headspace was then measured by gently piercing the bag with the tip of the PID probe and recording the highest meter response shown on the meter. A background measurement of ambient VOCs was also made immediately prior to each sample measurement and recorded on the PID forms. The PID was calibrated at the beginning using a standard of 100 ppm isobutylene gas and the manufacturer recommended calibration procedures.

6. Laboratory Analysis of Soil Samples

In addition to the soil used for PID testing, a separate portion of each sample was preserved for possible laboratory analyses. These samples were preserved by placing the soil in a labeled zip-lock bag, and then placing the bag into a cooler with ice. A minimum of two (2) samples from each of the borings, were selected for laboratory analyses of VOCs, PAH, and/or RCRA Metals. Select samples were analyzed for DRO.

All samples were stored in a cooler with ice and maintained at a temperature of approximately 4⁰ C until delivered under chain of custody procedures to the laboratory personnel. Analytical methods used for analyzing the soil samples were EPA 8260 for all VOCs, EPA 8270 for all PAHs and 1,4 Dioxane (SIM), WI MOD DRO for DRO and EPA 6010 for arsenic, barium cadmium, chromium, lead, selenium, and silver; EPA 7471 for mercury.

7. Groundwater Sampling Procedures

All sampling and test equipment were thoroughly cleaned before use with potable water and phosphate free laboratory detergent, and then rinsed with potable water, followed by further rinse with distilled water. The sampling and test equipment were thoroughly cleaned by distilled water between uses at different sampling locations to avoid cross contamination. This included the water level meter used to determine the static water level. Samples were collected in the laboratory provided sampling containers using dedicated down-hole tubing.

8. Laboratory Analysis of Groundwater Samples

Groundwater samples were collected and analyzed for VOCs, 1,4 Dioxane (SIM), PAHs and/or RCRA metals. The analytical method used for analyzing the groundwater samples was EPA 8270 for all PAHs; EPA 6010 for arsenic, barium cadmium, chromium, lead, selenium, and silver; EPA 7470 for mercury; EPA 8260 for all VOCs and 1,4 Dioxane (SIM). The groundwater samples collected for VOC analysis were preserved with hydrochloric acid in the field. In addition, a trip blank supplied by the laboratory accompanied the groundwater samples at all times until it was delivered to the laboratory personnel to provide quality assurance/quality control (QA/QC) data and was laboratory-analyzed for VOCs. RCRA metal samples were filtered in the field.

9. Boring and Temporary Well Abandonment Procedures

After the completion of sampling, the soil borings and temporary wells were properly abandoned in accordance with Chapter NR 141 of the Wisconsin Administrative Code (WAC). Each boring was backfilled to the ground surface with granular bentonite. The WDNR borehole abandonment forms were completed for each boring and are included as an appendix of this report.

10. Investigative Waste

All soil and purge water generated during this Phase II ESA was contained in 55-gallon drums. The drums are being stored on pavement at the Site awaiting proper disposal.

APPENDIX F

PREVIOUS INVESTIGATION

Remedial Investigation Report

**Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin**

**Prepared for
Mercury Marine Division
of Brunswick Corporation**

Prepared by

CH2M HILL

April 8, 1993

Contents

Section	Page
1 Introduction	1-1
Site Background and History	1-1
Previous Investigations	1-1
Scope of Work Summary	1-3
2 Site Investigation	2-1
Soil Borings	2-1
Soil Sampling	2-1
Monitoring Well Installation	2-2
Groundwater Grab Sampling	2-2
City Well No. 3 Pump Test	2-3
3 Investigation Results	3-1
Site Physical Characteristics	3-1
Soils and Geology	3-1
Hydrogeology	3-2
Analytical Results	3-4
Soil	3-4
Groundwater	3-4
Relationship of City Wells No. 3 and No. 5	3-5
Summary and Conclusions	3-7

Appendix A. Technical Memorandums

Attachment 1 Soil Boring and Rock Core Logs

Attachment 2 Monitoring Well Construction Development Forms

Attachment 3 Field Notes

Appendix B. Soil and Groundwater Raw Analytical Data

Appendix C. Validated Analytical Data

Tables

Number	Follows Page
3-1 Soil Analytical Results	3-4
3-2 Groundwater Analytical Results	3-4

Figures

Number		Follows Page
1-1	Vicinity Map	1-1
1-2	Site Map	1-1
2-1	Soil Boring, Monitoring Well, and Cross Section Locations	2-1
3-1	Geologic Cross Section A to A'	3-1
3-2	Geologic Cross Section B to B'	3-1
3-3	Bedrock Surface Map	3-2
3-4	Water Table Map	3-2
3-5	Water Level Relationship—MW6/P6	3-2
3-6	Schematic Representation of Fracture Relationships	3-3
3-7	Soil Analytical Results for Chlorinated VOCs	3-4
3-8	Groundwater Grab Analytical Results for TCE in the Unconfined Aquifer . .	3-4
3-9	Water Level Relationship CW-3/CW-5	3-6

10011BC7.GLO

Section 1 Introduction

This report presents the results of a focused soil and groundwater assessment conducted by CH2M HILL for Mercury Marine at its former Plant No. 1 location in Cedarburg, Wisconsin. This work was performed in response to a Wisconsin Department of Natural Resources (DNR) request that Mercury Marine investigate potential releases of chlorinated solvents from its former plant.

The scope of services for this work are presented in *Work Plan for Remedial Investigation* (June 15, 1992). The work plan was prepared by CH2M HILL on behalf of Mercury Marine. The work plan was approved by DNR in November 1992.

Site Background and History

Mercury Marine's Plant No. 1 was located at N49 W6337 Western Road in Cedarburg, Wisconsin (Figure 1-1). Mercury Marine manufactured outboard motors and other small engine-driven devices at the plant. The plant began operation in 1939. As part of the overall manufacturing process, metal cleaning was performed using TCE in an above ground steel vapor degreasing tank located in the northwest corner of the building (Figure 1-2). The tank was replaced in 1977 with a similar tank. Both tanks were about 3 feet by 5 feet by 6 feet. The tank had drains to allow collection and onsite distillation of TCE for reuse in degreasing operations. It is reported that the degreaser was drained and cleaned about once per year. In the late 1970s, the tank was moved to the location shown in Figure 1-2. No other uses of chlorinated solvents at the plant were reported by the former employees.

Mercury Marine sold Plant No. 1 to Scot Pump in the early 1980s. Scot is the current owner of the property.

Previous Investigations

There have been three previous DNR studies of VOC contamination at the Cedarburg municipal wells:

- The initial VOC analysis of the public water supply in 1982
- Periodic water quality monitoring by the City of Cedarburg and the DNR from 1982 to the present
- The DNR investigation in 1989/90 by Strand Associates

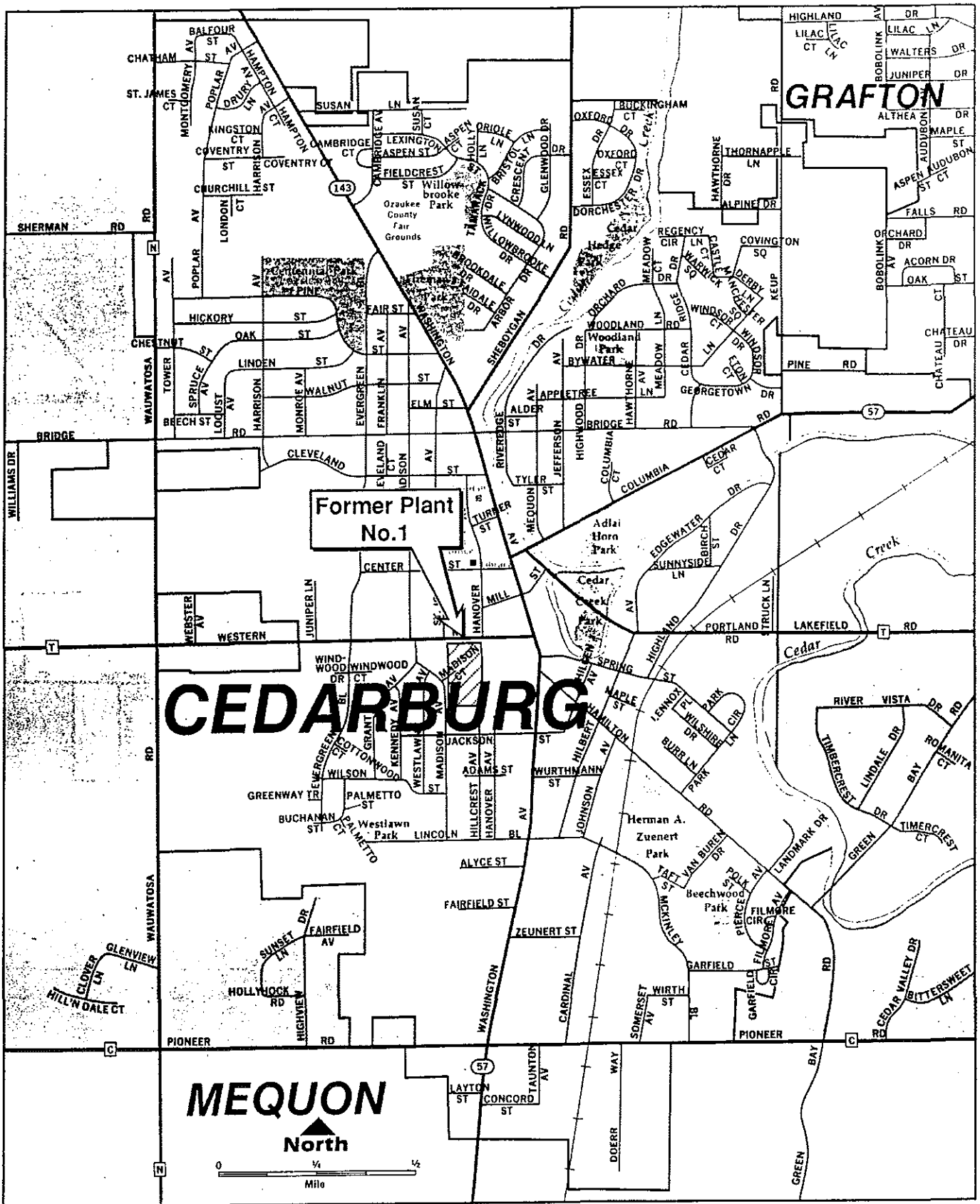


FIGURE 1-1
Vicinity Map
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



NORTH
1" ≈ 150'

Western Rd.

Parking Lot

Locations of Former Vapor Degreaser

Former Mercury Marine Plant No. 1

Parking Lot

Washington Ave. (Hwy 57)

Jackson St.

LEGEND

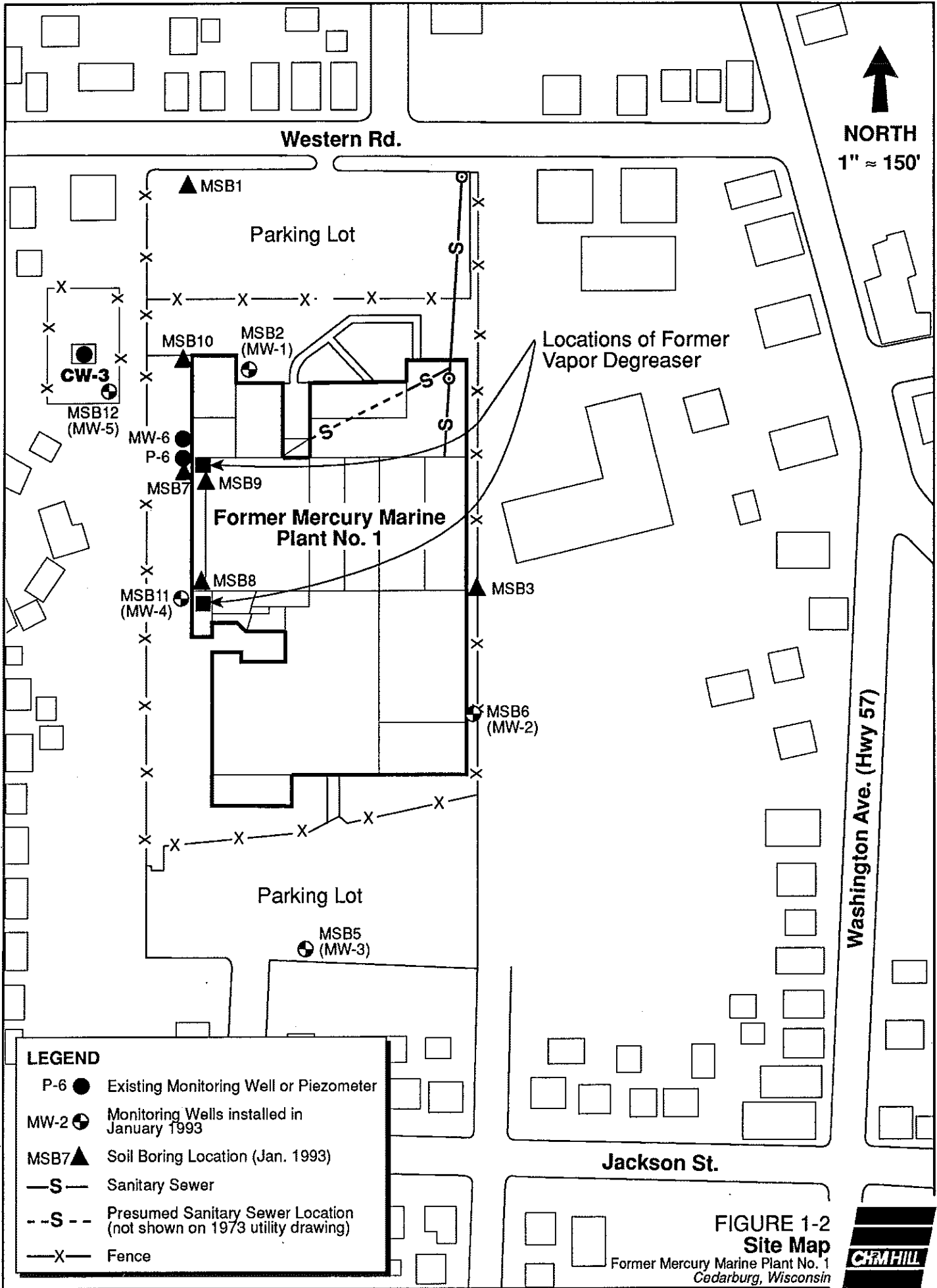
- P-6 ● Existing Monitoring Well or Piezometer
- MW-2 ⊕ Monitoring Wells installed in January 1993
- MSB7 ▲ Soil Boring Location (Jan. 1993)
- S— Sanitary Sewer
- -S - - Presumed Sanitary Sewer Location (not shown on 1973 utility drawing)
- X— Fence

FIGURE 1-2
Site Map

Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin



GL033316.A0.00 Site Map 3-29-93 CS/vjs



The 1982 DNR groundwater quality study was part of a broader survey of the overall public water supply system entitled *Report on An Investigation of the Cedarburg Public Water Supply*. The report notes that three VOCs—TCE, 1,2-dichloroethene (1,2-DCE), and p-dichlorobenzene—were detected in samples from “the four deep wells,” apparently referring to City Wells No. 1, 3, 4, and 5. The report suggests that all four wells were contaminated and does not distinguish between them. The report states broadly that “contaminants appear widely dispersed in low concentration in the deep aquifers.”

Since January 1982, water from City Wells No. 3 and 5 (referred to herein as CW-3 and CW-5) has been sampled by both the DNR and the City of Cedarburg. Data from those sampling events were included in the Strand report *Cedarburg Groundwater Investigation* (February 1990). Results show that TCE was detected consistently in almost every sample from CW-3 and CW-5. TCE concentrations were typically less than 10 $\mu\text{g/L}$, but some measurements were in the range of 10 to 50 $\mu\text{g/L}$. The single maximum concentration reported was 89 $\mu\text{g/L}$ at CW-5. The 1,2-DCE was detected in only about 15 percent of the samples from CW-3 and 30 percent from CW-5. The reported concentration of 1,2-DCE was less than 5 $\mu\text{g/L}$ in all samples.

In 1989, the DNR assigned Strand to investigate the contamination of the groundwater supply in Cedarburg. Strand’s report was entitled *Cedarburg Groundwater Investigation Existing Conditions Report*. The purpose of the study was to develop information on the local hydrogeology and the sources and extent of VOC contamination at CW-3 and CW-5. The overall investigation scope consisted of a review of historic data, an assessment of historic and current land uses for potential contaminant sources, soil borings and sampling, a soil gas survey, groundwater monitoring well installation, groundwater recovery duration measurements, pump testing of CW-3, and chemical analysis of soil, gas, and groundwater for chlorinated VOCs. The report concluded with recommendations for further investigation. The Strand report contained the following conclusions:

- The water table is within the glacial till or weathered dolomite in the vicinity of CW-3.
- The Niagara aquifer (unconsolidated and dolomite bedrock) appears to have such low vertical hydraulic conductivity that the shallower unconsolidated aquifer behaves independently of the deeper Niagara aquifer.
- When the city production well pumps are off, it is possible that contaminated groundwater could cascade down the inside of the wells and enter the sandstone aquifer.
- At the former Mercury Marine Plant No. 1 site, chlorinated VOCs were measured in the shallow groundwater at concentrations ranging from 90 to 5,000 $\mu\text{g/L}$ and in bedrock at a concentration of 260 $\mu\text{g/L}$ of TCE. Of the compounds identified, TCE was detected at the highest concentration.

- The potential for further contamination of the Niagara aquifer was considered to be high, and the potential for contamination of the sandstone aquifer was noted.

Scope of Work Summary

As part of the work conducted by CH2M HILL, results of the previous investigations were reviewed including the Donohue Report on *Remedial Actions for VOC Control at Well No. 3 and Well No. 5, Cedarburg, Wisconsin* (March 1987) and miscellaneous correspondence. Upon completing this review, three major technical issues requiring resolution were identified:

- Because of insufficient data, hydraulic connection between Well No. 3 and Well No. 5 was not demonstrated during the pump tests conducted by Donohue.
- Reported VOC concentrations have consistently been higher at Well No. 5 than at Well No. 3 suggesting the potential for multiple VOC sources.
- It is not clear whether the presence of chlorinated VOCs in the Niagara dolomite in the vicinity of Plant No. 1 is caused by migration from the surficial aquifer or from some other migration pathway.

To address these issues, CH2M HILL designed the field investigation program with the following objectives:

- Evaluate groundwater flow direction in the upper aquifer (glacial till) under static and dynamic conditions relative to operation of City Well No. 3
- Calculate the expected range of hydraulic influence caused by Wells No. 3 and 5
- Determine the degree and extent of VOC contamination originating from the former Mercury Marine Plant No. 1

The methodology and results of the site investigation are described in the following sections.

10011AA7.GLO

Section 2 Site Investigation

A detailed summary of work performed during the site investigation is presented in Appendix A, Technical Memorandums No. 1 and 2. A brief summary of the work performed is presented below.

Soil Borings

Twelve borings were drilled to provide stratigraphic and hydrogeologic information as well as physical and chemical soil characteristics. The borings were advanced to bedrock using 4.25-inch hollow stem augers and were continuously sampled at 2-foot intervals using 3-inch split spoon samplers. Figure 2-1 shows the locations of the borings. Soil samples were logged by the onsite CH2M HILL hydrogeologist. Cuttings were placed in U.S. DOT-approved 55-gallon drums and stored onsite pending disposal.

At 4 of the 12 borings (MSB6, MSB7, MSB10, and MSB11), drilling continued into competent bedrock using air rotary drilling methods. A 10-foot long rock core was obtained from the bedrock surface at borings MSB7, MSB10, and MSB11. At boring MSB6, 10-foot long rock cores were collected from 20 to 60 feet below ground surface. The cores were logged by a CH2M HILL hydrogeologist.

Two of the 12 borings (MSB8 and MSB9) were advanced to the weathered dolomite in the areas of the former vapor degreaser inside the building. Borings MSB7 and MSB11 were advanced 10 feet into bedrock along the western perimeter of the building adjacent to the two former locations of the degreaser.

Soil Sampling

Soil samples were collected for chemical analyses from 6 of the 12 borings: MSB8, MSB9, MSB10, MSB11, and MSB12 (see Figure 2-1). A 3-inch split spoon sampler was driven at 2-foot intervals. A minimum of one soil sample was collected from each stratigraphic unit present in the unconsolidated formation. Samples were submitted for VOC and TOC analyses based on field screening results and/or visual appearance. Samples not submitted for analyses were disposed of in a 55-gallon drum and stored onsite pending disposal.

For those boreholes not chemically sampled, HNu screenings were done on the split-spoon sample immediately following opening of the spoon. Readings were recorded on the soil boring logs.

It was proposed in the work plan that a total of 4 soil samples would be collected from the inside borings for physical characterization. Because of the stiff, often gravelly, till encountered in the subsurface and due to the size of the electric rig used for drilling, it was not possible to push a shelly tube to collect soil samples for physical analyses. However, a total of 3 Shelby tube samples were obtained from two borings (MSB7 and MSB11) just outside the west side of the building. Physical samples were submitted to PAL for grain size, moisture content, and porosity analyses. The boring location and depth interval of the samples submitted are listed in Table TM1-1 in Appendix A.

For those borings in which monitoring wells were not installed, the borehole was abandoned using either bentonite chips or bentonite-cement grout. Bentonite-cement grout was used for the abandonment of the borings inside the plant building.

Monitoring Well Installation

Five monitoring wells were installed at the locations depicted in Figure 2-1. The wells were installed to provide information on the groundwater flow direction in both the glacial till and bedrock.

In the *Work Plan for Remedial Investigation*, CH2M HILL had proposed that piezometers be installed at 7 of the 12 borings (MSB1, MSB2, MSB3, MSB4, MSB5, MSB6, and MSB12). Nested piezometers were to have been installed at borings MSB4 and MSB6. Water was not encountered in the glacial till at MSB4 and MSB6; therefore, drilling at MSB6 continued into bedrock to 60 feet below ground surface and a monitoring well was installed with a 15-foot screen to insure the screening of a productive water-bearing zone. Water was also not encountered in borings MSB1 and MSB3. A monitoring well was installed in MSB11 on the western perimeter of the building to provide a monitoring point at that location. The well was constructed with a 10-foot screen to intercept several sand lenses. Wells were constructed with 2-inch Schedule 40 PVC riser and 0.010-inch factory-slotted screen. Specific monitoring well construction details are presented in Technical Memorandum No. 1 in Appendix A.

The soil borings and monitoring wells were located by CH2M HILL personnel. Horizontal locations were surveyed to the nearest foot. Ground elevations for the borings and the top of well casings were surveyed to the nearest 0.01 foot.

Groundwater Grab Sampling

To characterize groundwater quality in the immediate vicinity of Plant No. 1, groundwater grab samples were collected from the glacial till from 6 of the 12 borings: MSB2, MSB5, MSB7, MSB9, MSB11, and MSB12. In addition, grab samples were collected from the dolomite at 4 borings: MSB6, MSB7, MSB10, and MSB11. See Figure 2-1 for boring locations. Grab samples were to have been collected from all 12



Western Rd.

Parking Lot

Locations of Former Vapor Degreaser

Former Mercury Marine Plant No. 1

Parking Lot

Washington Ave. (Hwy 57)

Jackson St.

LEGEND

- P-6 ● Existing Monitoring Well or Piezometer
- MW-2 ⊕ Monitoring Wells installed in January 1993
- MSB7 ▲ Soil Boring Location
- S— Sanitary Sewer
- -S - - Presumed Sanitary Sewer Location (not shown on 1973 utility drawing)
- X— Fence
- - - - Cross Section Locations

FIGURE 2-1
Soil Boring, Monitoring Well,
and Cross Section Locations
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



GLO33316.A0.00 Cross Section Location 3-29-93 CS/v/s

borings; however, water was not encountered in the glacial till at 6 of the borings. After a boring was advanced to the top of bedrock, the augers were pulled back about 3 feet and a PVC screen and riser were dropped down inside the augers to the bottom of the borehole. Where drilling continued into the dolomite, the water sample was collected from within the borehole casing.

A stainless-steel bailer was used to purge a minimum of 3 well volumes. Several boreholes went dry after a limited amount of purging and were allowed to recover before sampling began. Purge water was collected in 5-gallon buckets and emptied into 55-gallon drums. The drums were stored onsite pending disposal.

After purging the well, water samples were collected with a stainless steel bailer. Specific sampling details are presented in Technical Memorandum No. 2. Samples were submitted for analysis of VOCs, alkalinity, hardness, TOC, COD, and iron. The bailers were decontaminated between sampling locations.

City Well No. 3 Pump Test

Following installation of the monitoring wells, CH2M HILL coordinated with City of Cedarburg Water Department to monitor water levels in both the glacial till and the dolomite during periods when City Well No. 3 was idle and when it was operating. The purpose of the test was to evaluate the effect of Well No. 3 on groundwater flow direction in the glacial till and to estimate the radius of influence of Well No. 3 in the dolomite.

The city well was shut down for 14 days beginning on February 10, 1993. Water levels were measured 4 times during that period to confirm steadiness of the elevations prior to turning the well pump back on. An electric tape was used to measure water levels. On February 24, CW-3 was turned back on and ran periodically for 7 days at a rate of 960 gpm. CW-3 (along with CW-5) pumps groundwater to booster pumps which feed to the air stripper at CW-5. Both city wells cycle off and on in response to the water levels in the booster pumps, and may pump for as short a period as 20 minutes before shutting off.

10011AA9.GLO

Section 3 Investigation Results

Site Physical Characteristics

Information obtained during this investigation and supplemented with work done by others in and around the Cedarburg area was used to develop a conceptual model that describes the physical conditions underlying the Plant No. 1 site. Understanding the physical system is fundamental to understanding the movement and behavior of constituents potentially released as a result of past plant operations. As described in the following sections, the local geology in the vicinity of Plant No. 1 is particularly complex, which complicates the interpretation of analytical data generated by this and previous investigations.

Soils and Geology

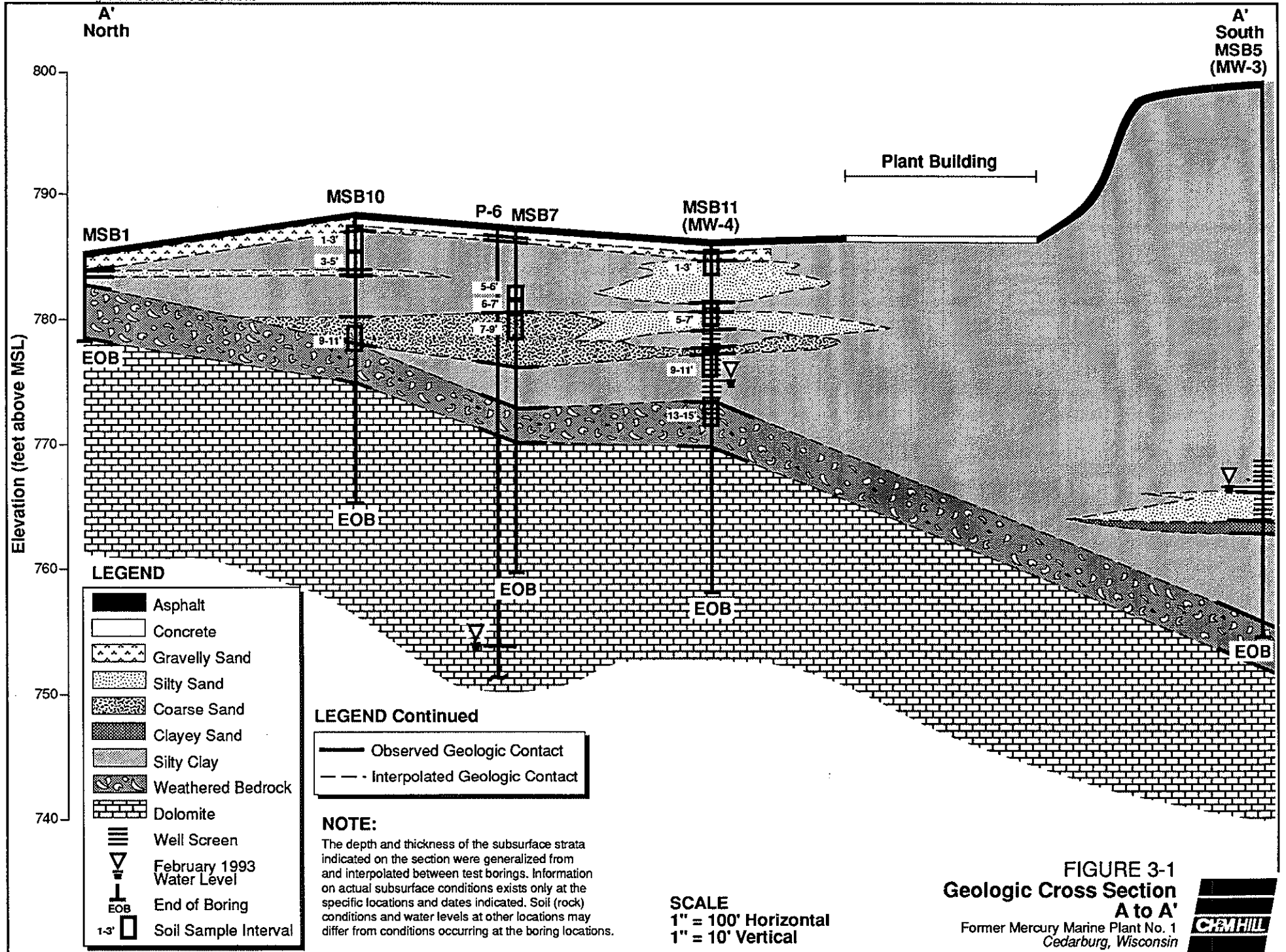
Boring logs compiled during the site investigation supplemented with information from previous investigative work (Strand, 1990) were used to prepare cross sections of the geology beneath former Plant No. 1. Cross section locations are presented in Figure 2-1. The cross sections are presented as Figures 3-1 and 3-2.

Examining the cross sections shows that the site is generally underlain by reddish-brown, silty-clay soil of variable thickness interspersed with discontinuous lenses of silty and coarse sand. This sequence has been interpreted to be glacial till. Figure 3-1 shows that the till ranges in thickness from about 3 feet at the northwest corner of the site (MSB01) to 44 feet at the southern property boundary (MSB05).

Some black cinders and bits of coal were detected in the upper 2 to 3 feet at borings MSB07, MSB10, and MSB11, and some thin copper wires were also detected within the upper 3 feet at MSB10 indicating that filling may have taken place along the western side of the building.

A well-graded sand lens is present beneath the western edge of the main plant building as determined from observations and samples collected from borings MSB07, MSB08, MSB09, MSB10, and MSB11. The top of the lens occurs at a depth of about 7 feet below grade and ranges in thickness from 2 feet at MSB10 to the north to greater than 4 feet at MSB07 and then grades to a silty sand interbedded with silty clay at MSB11. The presence of a sand lens is typical of glacial till.

The till soils are underlain by highly weathered dolomite bedrock that in places is filled with a silt or silty clay matrix. The weathered unit is generally about 5 feet thick and appears to become more competent with depth. Rock cores collected at borings MSB06, MSB07, MSB10, and MSB11 indicate the more competent dolomite is buff to grey, fine-grained, massively bedded and only slightly weathered. Rock quality designators (RQDs)



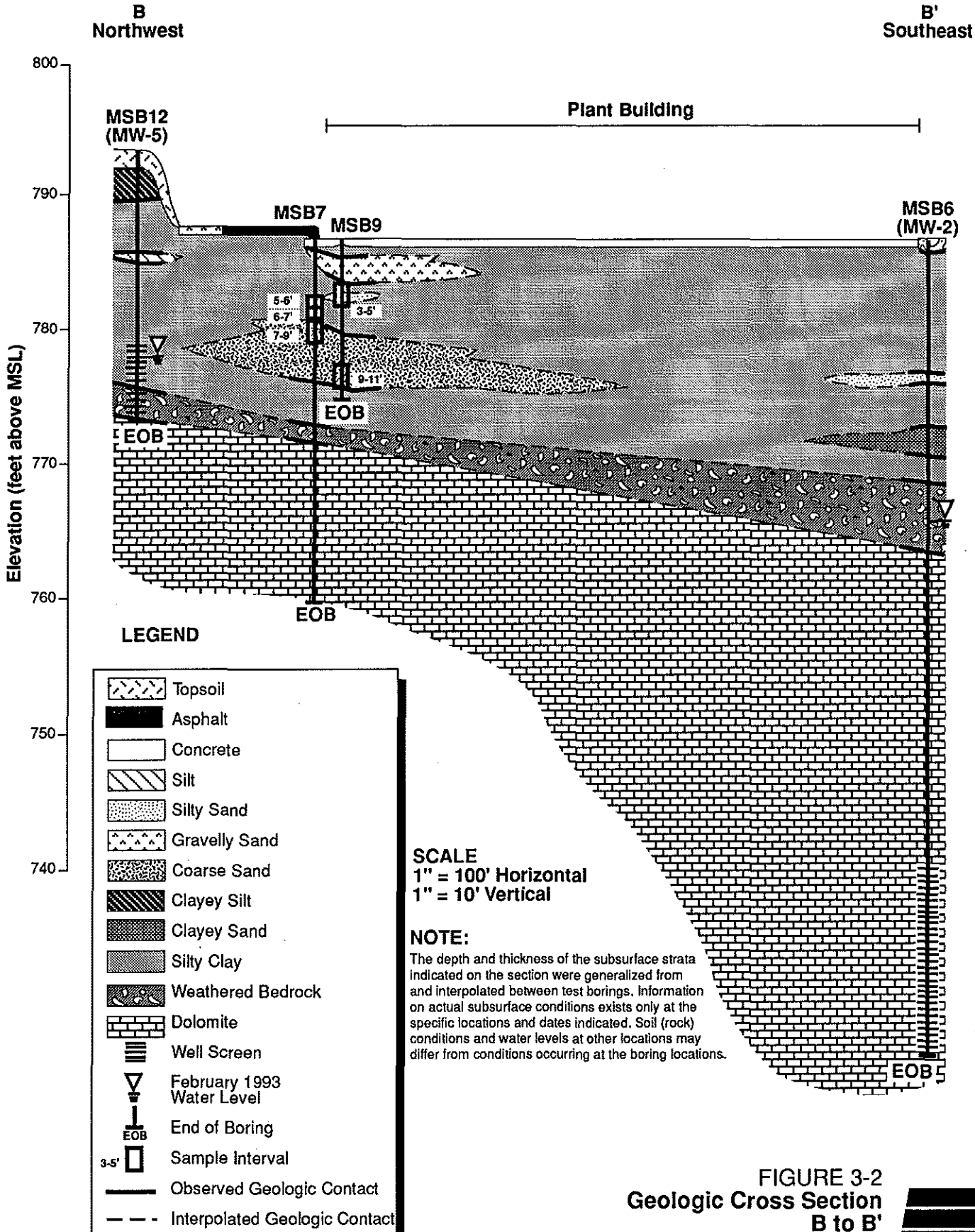


FIGURE 3-2
Geologic Cross Section
B to B'
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



are greater than 50 percent for the upper 10 feet cored indicating only moderate fracturing and increase to greater than 80 percent with depth indicating proportionally less fracturing. Some vertical and horizontal hairline fracturing of the cores was observed at angles of 0°, 45°, and 90°. Many of the larger fractures exhibited calcite infilling.

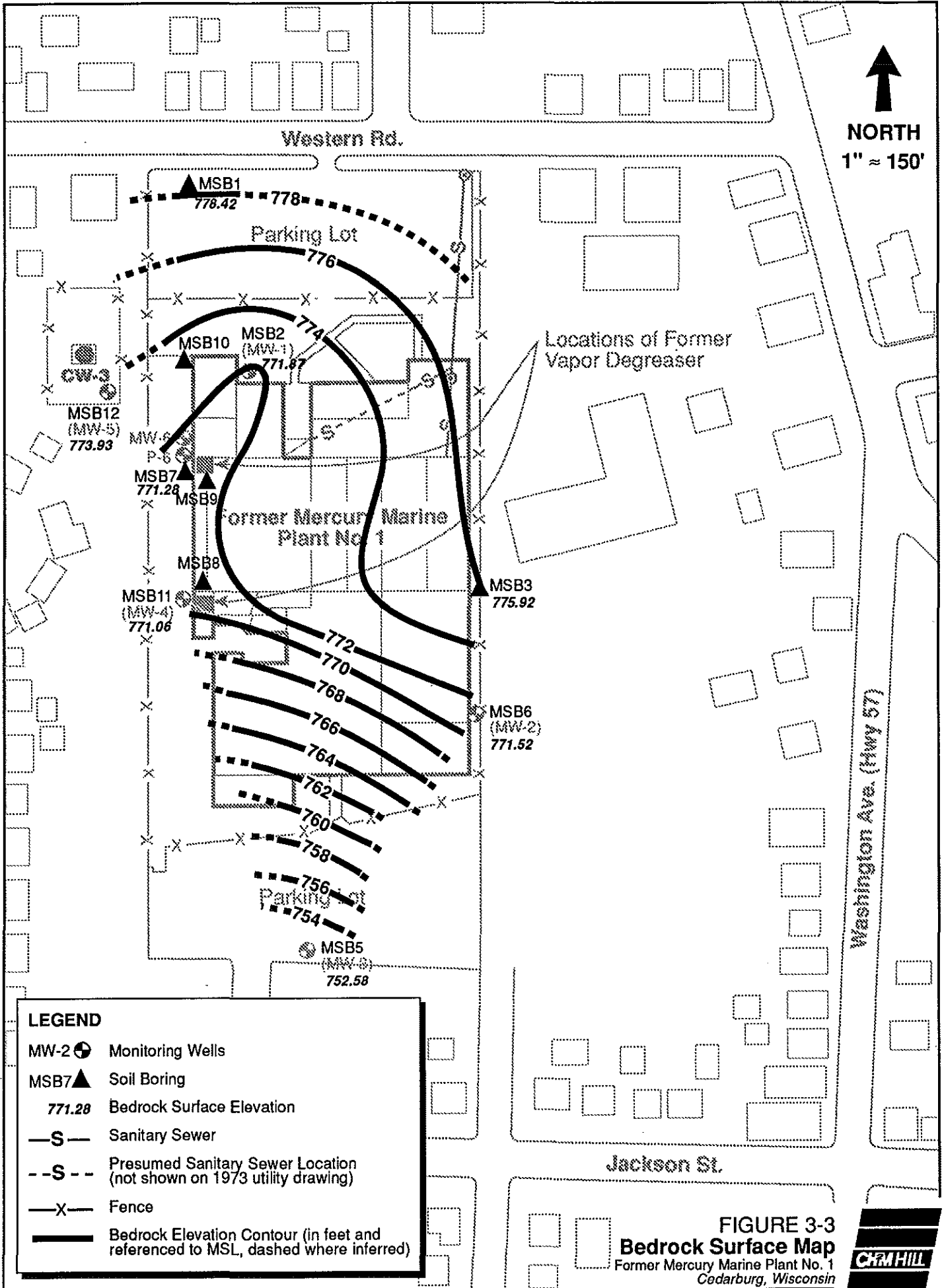
The bedrock surface is fairly flat over the northern half of the site but dips to the south-southwest at a slope of about 4 percent as shown in Figures 3-1 and 3-2 and the bedrock surface contour map presented as Figure 3-3. The elevation of the bedrock surface decreases from about 770 feet above mean sea level at MSB11 to about 753 feet at MSB05, a change of 17 feet over a distance of 430 feet.

Hydrogeology

Groundwater levels were measured in both newly installed and existing till and bedrock monitoring wells on several occasions in February and March, 1993. Water levels collected on February 9 (from all wells except P-6) were used to construct the water level contour map (Figure 3-4), which is generally representative of water level conditions observed over the time frame of the study. The water levels are listed in Table TM2-1 in Appendix A. The groundwater contours indicate that the general direction of groundwater flow is to the south-southeast at a gradient of 0.023 ft/ft. These data suggest that the till, weathered bedrock, and the upper portions of the more competent bedrock (at least to a depth of 60 feet) are hydraulically connected and under water table conditions. Depending on the depth to bedrock, the water table may occur in either the till or bedrock. For example, groundwater was not encountered in the till at MSB06 where the top of weathered bedrock is at an elevation of about 769 feet and the water table occurs 3 feet below the bedrock surface at an elevation of 766 feet. In contrast, the water table was encountered in the till at MSB05 at about the same elevation as at MSB06 (766 feet) but the elevation of the bedrock surface is about 756 feet, 13 feet lower than at MSB06 and 10 feet below the water table.

Although the data are very limited, the following observations on the connection between shallow groundwater and the deep bedrock groundwater can be made. Data from piezometer P-6, which was completed (by others) at a depth of 160 feet below grade shows water levels markedly lower (on the average 13 to 23 feet lower) than those in the other wells. Figure 3-5 is a plot of water levels over time in the nested well pair MW-6/P-6 installed previously by Strand. MW-6 is completed at the bedrock till interface at a depth of about 26 feet. P-6 is completed in competent bedrock at a depth of 160 feet. An initial explanation for the pronounced differences in water level would be a strong downward vertical gradient (0.16 ft/ft) indicating downward flow from MW-6 to P-6. Such an interpretation would also explain the presence of TCE in P-6. However, examining Figure 3-5, it is apparent that there is little correlation between the water levels in the two wells over the period record. If there is hydraulic communication between the till/upper bedrock aquifer and the lower portions of the bedrock, it would be expected that the water levels in the two wells would show similar trends, which is not the case.

NORTH
1" ≈ 150'



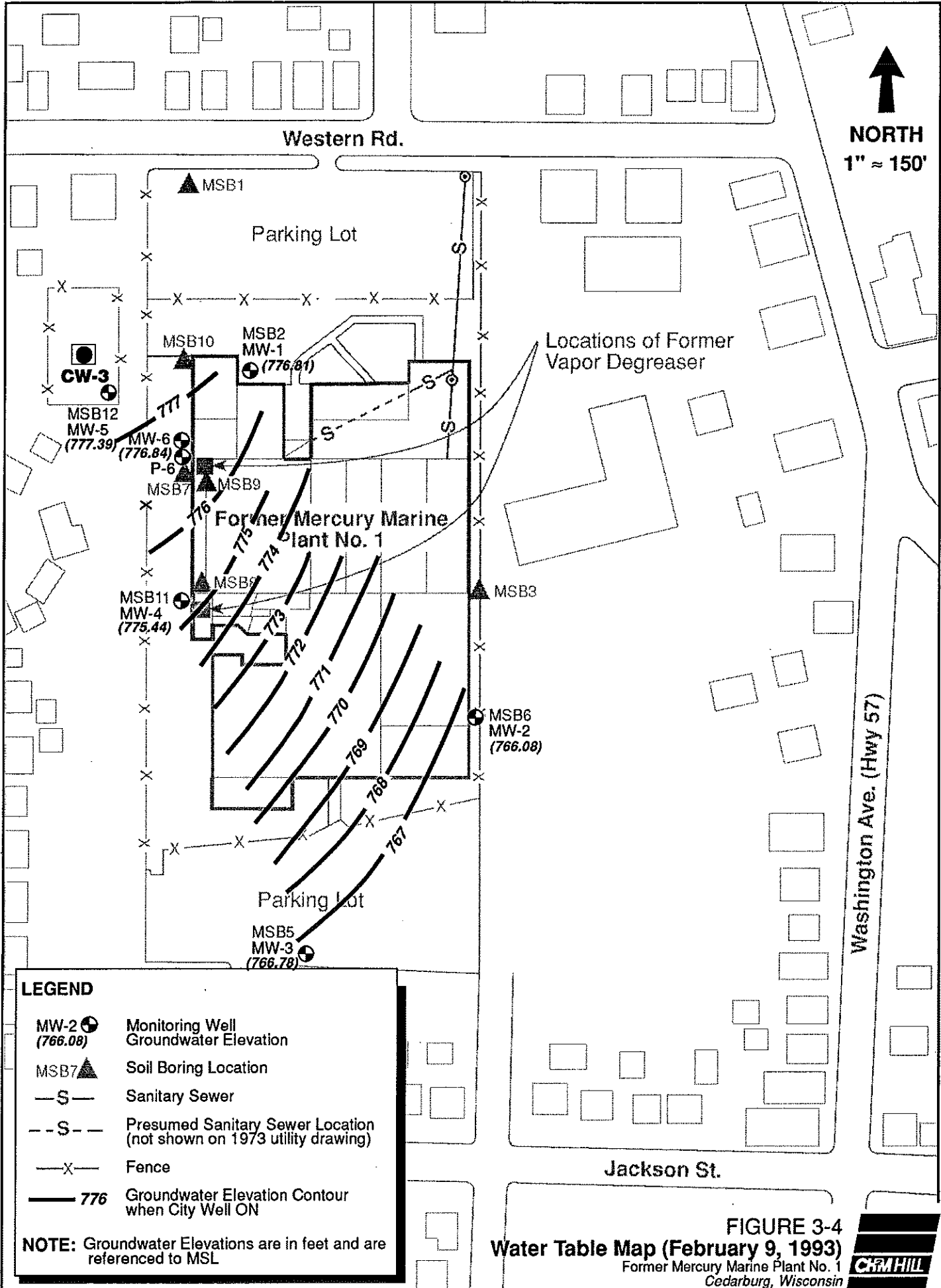
GLO33316.A0.00 Bedrock Surface Map 3-29-93 CS/MS

LEGEND

- MW-2 ⊕ Monitoring Wells
- MSB7 ▲ Soil Boring
- 771.28 Bedrock Surface Elevation
- S— Sanitary Sewer
- -S - - Presumed Sanitary Sewer Location (not shown on 1973 utility drawing)
- X— Fence
- Bedrock Elevation Contour (in feet and referenced to MSL, dashed where inferred)

FIGURE 3-3
Bedrock Surface Map
Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin





LEGEND

- MW-2 (766.08) Monitoring Well Groundwater Elevation
- MSB7 Soil Boring Location
- S- Sanitary Sewer
- -S- Presumed Sanitary Sewer Location (not shown on 1973 utility drawing)
- X- Fence
- 776 Groundwater Elevation Contour when City Well ON

NOTE: Groundwater Elevations are in feet and are referenced to MSL

FIGURE 3-4
Water Table Map (February 9, 1993)
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



GLO33316.A0.00 Groundwater Elevations 3-29-93 CS/vjs

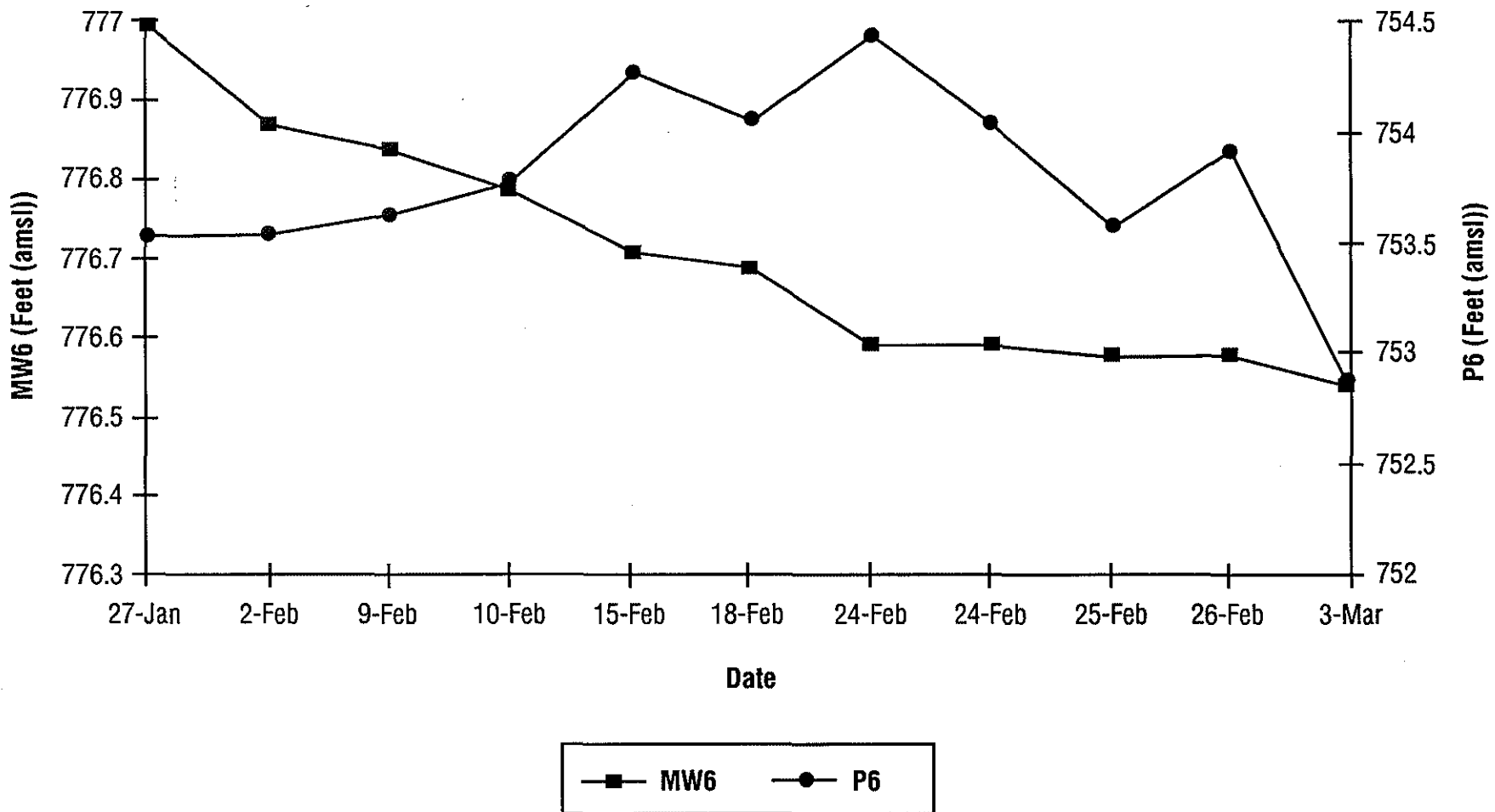


FIGURE 3-5
Water Level Relationship
MW6/P6
Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin



Further evidence of the lack of communication between the two zones is the observed change (or lack thereof) in water levels in response to pumping City of Cedarburg water supply well No. 3 (CW-3). As part of this work assignment, CH2M HILL coordinated with the City of Cedarburg to alter the pumping schedule of CW-3 so that responses in the monitoring wells installed around Plant No. 1 could be observed over time. The purpose of this exercise was to determine whether pumping at CW-3 affected the direction of shallow groundwater flow in the vicinity of Plant No. 1 and thereby investigate the possibility of a migration mechanism whereby chlorinated VOCs present in the soils and shallow groundwater in the vicinity of Plant No. 1 were a source of the chlorinated VOCs present in CW-3.

CW-3 was turned off between February 10 and February 24 after which time pumping resumed. When operating, CW-3 typically pumps at a rate of 900 gpm. Water levels were periodically recorded in the monitoring wells before, during, and after CW-3 was shut down. A plot of these water levels is presented in Figure 3-5 along with the pumping schedule of CW-3. As can be seen from examining Figure 3-5, there does appear to be some response to CW-3 in piezometer P-6 (screened in the deeper bedrock unit 160 feet below grade), but there is no apparent response in MW-6. Beginning on February 10 when CW-3 was turned off, the water level in P-6 begins to rise noticeably and continues to rise through February 24 when pumping in CW-3 resumed. Beginning on February 24 water levels in P-6 begin to fall noticeably and generally continue to decline over the period of record. This pattern suggests that pumping at CW-3 affects the potentiometric levels in the deeper portions of the bedrock aquifer. No such response is observed in MW-6 or any of the other monitoring wells including MW-2, which is completed in bedrock at a depth of 60 feet. Over the period of record for this study, the direction of groundwater flow in the till/upper bedrock aquifer has remained consistently to the south-southeast.

This pattern further supports the statement made above that the till/upper bedrock aquifer behaves independently and does not appear to be hydraulically connected to lower portions of the bedrock aquifer, at least in the immediate vicinity of Plant No. 1. Such a relationship on a local scale is not that unusual in a fractured bedrock environment. While it is evident at a regional scale (Young and Batten, 1980) that saturated unconsolidated deposits overlying the Silurian dolomite behave as a single aquifer under water table conditions, locally, different portions of the bedrock may be somewhat hydraulically isolated from each other. In fractured bedrock environments, the degree of hydraulic communication between different bedrock strata is a function of the density, continuity and orientation of the various fracture sets that occur within the rock matrix. These relationships are demonstrated schematically in Figure 3-6.

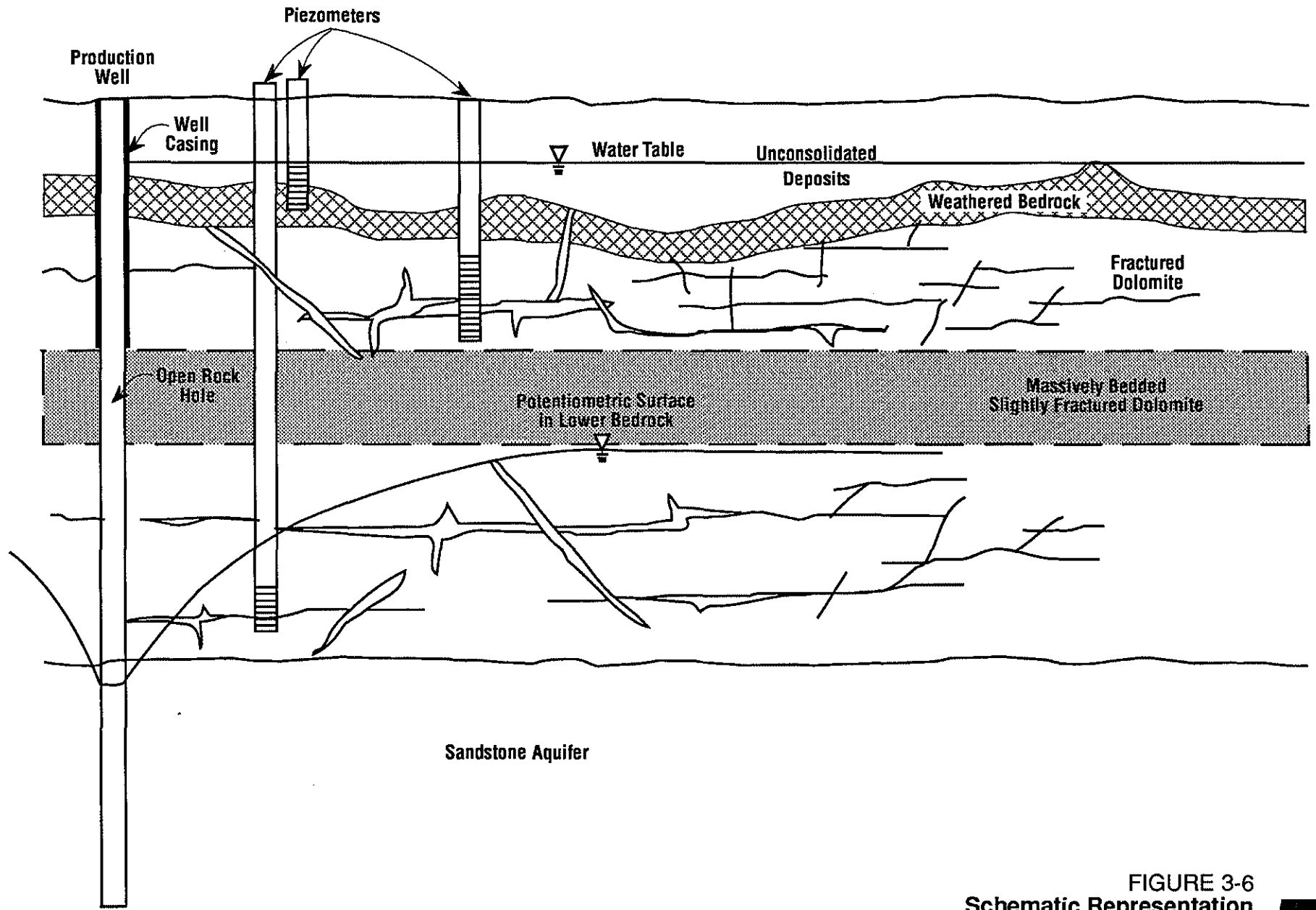


FIGURE 3-6
Schematic Representation
of Fracture Relationships
Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin



Analytical Results

Soil

Soil samples were collected from borings MSB07, MSB08, MSB09, MSB10, and MSB11 and were analyzed for VOCs and TOC. Several VOCs were detected in the samples. The compounds detected and their concentrations are shown in Table 3-1.

Trichloroethene (TCE) was detected in soil samples from all five borings. Concentrations ranged from 1.9 $\mu\text{g}/\text{kg}$ at MSB11 (located outside the plant building to the west of where the former vapor degreaser was located after the late 1970s) to 580 $\mu\text{g}/\text{kg}$ at MSB08 (located inside the building just to the north of the location where the degreaser was located after the late 1970s). The highest concentrations were found at those borings adjacent to the former locations of the vapor degreaser.

Some greenish-black discoloration of sand was observed at depths of 6 to 15 feet in borings MSB07, MSB08, MSB09, MSB10, and MSB11. The absence of odor and low readings on the HNu (2 to 6 ppm) plus the inconsistent presence of VOCs in the samples collected where this discoloration occurred suggest that the discoloration may be due to the presence of sulfide minerals rather than contamination.

The VOC concentrations with respect to depth at each boring are shown in Figure 3-7. Other VOCs detected in several of the samples were cis-1,2-dichloroethene (1,2-DCE), 1,1-dichloroethane (1,1-DCA), and 1,1,1-trichloroethane (1,1,1-TCA). The concentrations and locations where these compounds were detected are also depicted in Figure 3-8. 1,1-DCA and 1,2-DCE concentrations were highest at MSB08 at 9.8 $\mu\text{g}/\text{kg}$ and 38 $\mu\text{g}/\text{kg}$, respectively. 1,2-DCE is a common degradation product of TCE while 1,1-DCA is a degradation product of 1,1,1-TCA. 1,1,1-TCA was detected at MSB08 and MSB11 at concentrations of 100 and 103 $\mu\text{g}/\text{kg}$, respectively.

Total petroleum hydrocarbon compounds (TPH) were detected at MSB07 from 5 to 6 feet below the surface. The soil at this interval was a silty clay with some black staining and had a noticeable petroleum odor. This was the only location sampled where the black staining and odor was detected.

Groundwater

Groundwater grab samples were collected from the glacial till at borings MSB02, MSB05, MSB07, MSB09, MSB11, and MSB12 (Figure 3-1). Grab samples were also collected from the bedrock at borings MSB06, MSB07, MSB10, and MSB11. The depths at which the samples were obtained and the analytical results are presented in Table 3-2.

Table 3-1
Soil Analytical Results
Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin

Sample Location:	MSB07	MSB07	MSB07	MSB08	MSB08	MSB09	MSB09	MSB10	MSB10	MSB10	MSB11	MSB11-FR	MSB11	MSB11	MSB11
Sample Interval:	5 to 6	6 to 7	7 to 9	8 to 10	10 to 12	3 to 5	9 to 11	1 to 3	3 to 5	9 to 11	1 to 3	1 to 3	5 to 7	9 to 11	13 to 15
Sample Date:	1/22/93	1/22/93	1/22/93	1/20/93	1/20/93	1/21/93	1/21/93	1/22/93	1/22/93	1/22/93	1/25/93	1/25/93	1/25/93	1/25/93	1/25/93
Volatiles, µg/kg															
1,1-Dichloroethane	< 1.2	< 4.9	< 4.8	< 1	9.8	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	4.4	9.2	< 1.1
cis-1,2-Dichloroethene	2	< 4.9	< 4.8	< 1	38	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	8.4	18	< 1.1
Tetrachloroethene	< 1.2	< 4.9	< 4.8	< 1	< 5	< 1.3	21	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	8.5	< 1.1
1,1,1-Trichloroethane	< 1.2	< 4.9	< 4.8	100	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	65	103	< 1.1
Trichloroethene	57	92	180	130	580	100	150	< 1.2	< 1.1	7.5	1.9	< 1.2	44	69	< 1.1
n-Butylbenzene	3.9	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
sec-Butylbenzene	8.0	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
tert-Butylbenzene	8.4	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
Isopropylbenzene	3.1	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
p-Isopropyltoluene	3.7	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
n-Propylbenzene	3.1	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
1,2,4-Trimethylbenzene	6.7	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	3.8 R	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
1,3,5-Trimethylbenzene	1.3	< 4.9	< 4.8	< 1	< 5	< 1.3	< 5.2	< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1
TOC (mg/kg)	7500	520	430	510	1200	430	370	1400	400	510	3900	3200	380	320	8.3

Bold type indicates compound detected above method detection limit.

R indicates deficiencies in analytical data and actual presence of compound is questionable.



Western Rd.

Parking Lot

Locations of Former Vapor Degreaser

MSB10	1-3'	3-5'	9-11'
TCE	<1.2	<1.1	7.5

MSB9	3-5'	9-11'
TCE	98	180
PCE	<1.3	21

MSB7	5-6'	6-7'	7-9'
TCE	57	92	180
1,2-DCE	2	<4.9	<4.8

Former Mercury Marine Plant No. 1

MSB8	8-10'	10-12'
TCE	130	580
1,2-DCE	<1	38
1,1-DCA	<1	9.8
1,1,1-TCA	100	<5

MSB11	1-3'	5-7'	9-11'	13-15'
TCE	1.9	44	69	<1.1
1,2-DCE	<1.2	8.4	18	<1.1
1,1-DCA	<1.2	4.4	9.2	<1.1
1,1,1-TCA	<1.2	65	103	<1.1
PCE	<1.2	<1.2	8.5	<1.1

Parking Lot

Washington Ave. (Hwy 57)

LEGEND

- P-6 Existing Monitoring Wells or Piezometer
- MSB7 Soil Boring Location
- S- Sanitary Sewer
- - S - - Presumed Sanitary Sewer Location (not shown on 1973 utility drawing)
- X- Fence

- TCE = Trichloroethene
- 1,2-DCE = Cis-1,2-Dichloroethene
- 1,1-DCA = 1,1-Dichloroethane
- 1,1,1-TCA = 1,1,1-Trichloroethane
- PCE = Tetrachloroethene
- MSB11 1-3' TCE 1.9 Sample No. and Depth (ft.) Compound and Concentration (µg/kg)
- (NS) Not Sampled
- (ND) Not Detected Above Method Decision Limit

Jackson St.
FIGURE 3-7
Soil Analytical Results for Chlorinated VOCs (January 1993)
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



GLO33316.A0.00 Analytical Results 3-29-93 CS/v/s



Western Rd.

Parking Lot

Locations of Former Vapor Degreaser

Former Mercury Marine Plant No. 1

Parking Lot

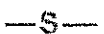
Washington Ave. (Hwy 57)

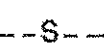
Jackson St.

LEGEND

MW-2  Monitoring Well
310 TCE Concentration ($\mu\text{g/L}$)

MSB7  Soil Boring Location

 Sanitary Sewer

 Presumed Sanitary Sewer Location
(not shown on 1973 utility drawing)

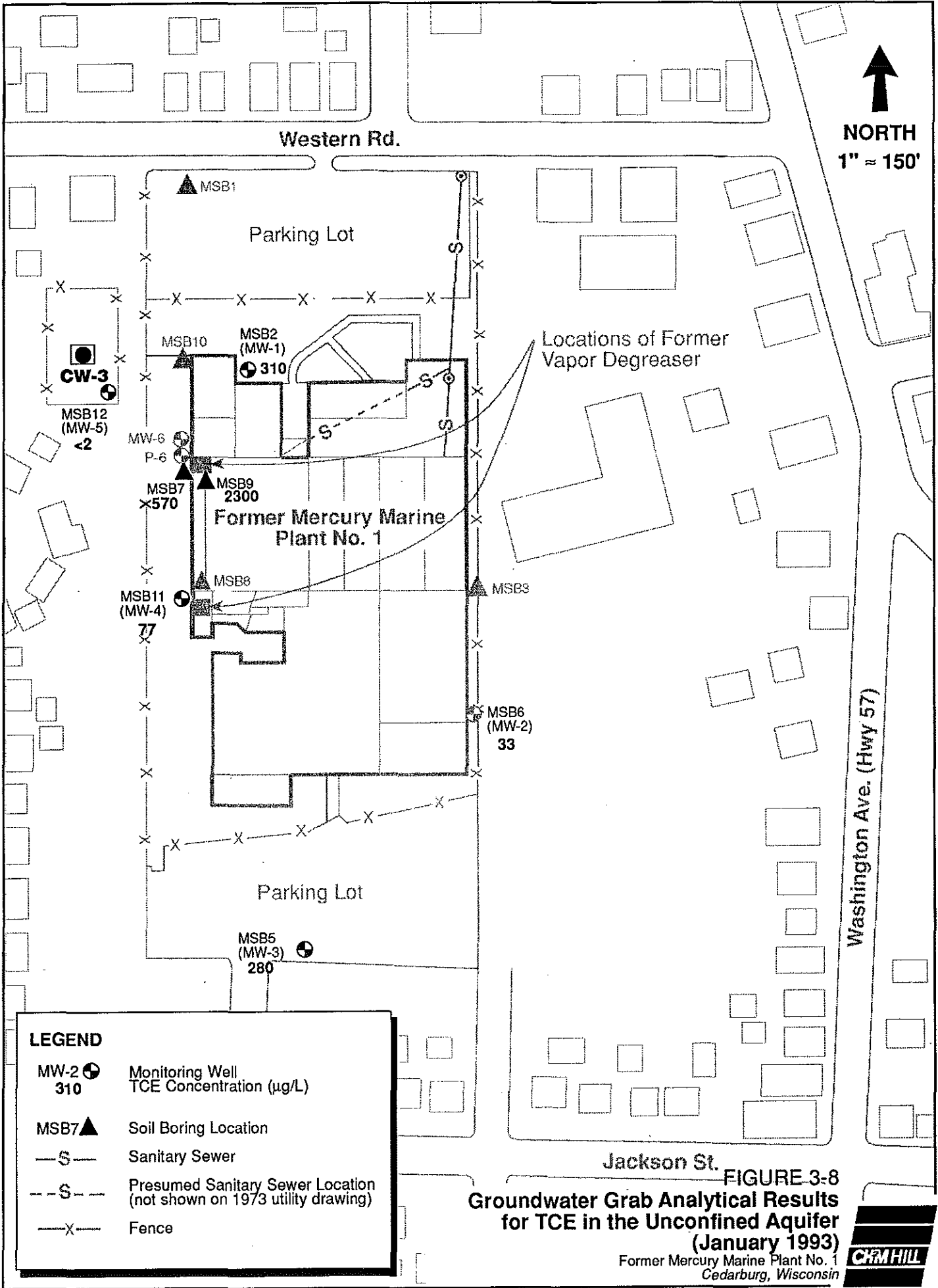
 Fence

FIGURE 3-8
Groundwater Grab Analytical Results
for TCE in the Unconfined Aquifer
(January 1993)

Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin



GLO33316.A0.00 Groundwater Concentrations 3-29-93 CS/vls



**Table 3-2
Groundwater Analytical Results
Former Mercury Marine Plant No. 1
Cedarburg, Wisconsin**

Sample Location:	MSB02	MSB05	MSB05 Duplicate	MSB06	MSB07	MSB07	MSB07 Duplicate	MSB09	MSB10	MSB11	MSB11	MSB12		
Unit Sampled:	Till	Till	Till	Bedrock	Till	Bedrock	Bedrock	Till	Bedrock	Till	Bedrock	Till	PAL	ES
Depth Interval (ft):	11 to 15	41 to 44	41 to 44	20 to 60	12 to 15	18 to 28	18 to 28	1/21/93	1/25/93	1/25/93	1/25/93	1/27/93		
Sample Date:	1/13/93	1/15/93	1/15/93	1/20/93	1/22/93	1/22/93	1/22/93	1/21/93	1/25/93	1/25/93	1/25/93	1/27/93		
Volatiles, µg/L														
Chloroethane	< 10	< 10	< 20	< 2	< 50	< 50	< 50	< 200	< 2	63	39	< 2	--	--
1,1-Dichloroethane	< 5	7.8	< 10	< 1	< 25	< 25	< 25	< 100	< 1	92	92	< 1	85	850
cis-1,2-Dichloroethene	< 5	100	62	< 1	< 25	< 25	< 25	< 100	< 1	110	12	< 1	10	100
M-t-butyl-ether	< 5	9.8	< 10	< 1	< 25	< 25	< 25	< 100	< 1	< 10	< 5	< 1	--	--
1,1,1-Trichloroethane	30	< 5	< 10	8.5	< 25	< 25	< 25	< 100	< 1	16	158	< 1	40	200
Trichloroethene	310	280	230	33	570	99	100	2300	< 1	77	< 5	< 1	0.18	5
Vinyl Chloride	< 10	11	< 20	< 2	< 50	< 50	< 50	< 200	< 2	130	90	< 2	0.0015	0.2
Inorganics, mg/L														
Alkalinity	730	3400	4200	410	NA	3600	4800	2600	400	72000	600	480	--	--
Chemical Oxygen Demand	270	890	1100	23	NA	340	230	610	160	5600	58	22	--	--
Iron	84	2000	2400	28	NA	340	290	1700	77	2600	490	25	0.15	0.3
Hardness, Total	3800	240000	230000	1200	NA	44000	28000	34000	21000	340000	9800	3100	--	--
Total Organic Carbon	55	6300	4500	5.7	NA	330	26	480	46	2600	20	7.3	--	--

Bold type indicates compound detected above method detection limit.

PAL = Preventive Action Limit as established under Chapter NR 140 of the Wisconsin Administrative Code.

ES = Enforcement Standard as established under Chapter NR 140.

Grab Samples from Till

TCE was the VOC most frequently detected in the groundwater within the till and was detected at all locations sampled except MSB12 near City Well No. 3. Concentrations ranged from 77 $\mu\text{g/L}$ at MSB11 (depth 12 to 15 feet) to 2,300 $\mu\text{g/L}$ at MSB09 (depth 6 to 11 feet). TCE was also detected at MSB05 at the southern boundary of the site at a concentration of 210 $\mu\text{g/L}$ (depth 41 to 44 feet). The results indicate that the highest concentrations of TCE are centered around the former locations of the vapor degreaser.

The presence of TCE at depth at location MSB05 is unexpected. MSB05 is located about 450 feet southeast of where the vapor degreaser was last located before it was removed. Current data are insufficient to support identification of source(s).

1,1-DCA, 1,2-DCE, and vinyl chloride were also detected in the grab samples at MSB05 and MSB11. Vinyl Chloride is another common degradation byproduct of TCE. Chloromethane and 1,1,1-TCA were detected at MSB11. 1,1,1-TCA was also detected at MSB02 at the north end of the main building. M-t-butyl-ether, a common gasoline additive, was detected at MSB05. No BTEX compounds, which typify gasoline or petroleum hydrocarbon products, were detected at this location making the presence of MTBE in this sample suspect.

Grab Samples From Bedrock

TCE was detected in the bedrock grab samples at MSB06 (20 to 60 feet) at a concentration of 33 $\mu\text{g/L}$ and MSB07 (18 to 28 feet) at a concentration of 100 $\mu\text{g/L}$. 1,1,1-TCA was detected in the MSB06 bedrock grab sample at a concentration of 8.5 $\mu\text{g/L}$ and in MSB11 (18 to 28 feet) at 158 $\mu\text{g/L}$. Chloromethane (39 $\mu\text{g/L}$), 1,1-DCA (92 $\mu\text{g/L}$), and vinyl chloride (90 $\mu\text{g/L}$) were also detected in the bedrock grab sample from MSB11.

TCE concentrations exceeded the Enforcement Standard (ES) of 5 $\mu\text{g/L}$ as established under Chapter NR 140 of the Wisconsin Administrative Code. The ES for 1,2-DCE (100 $\mu\text{g/L}$) was also met or exceeded at MSB05 and MSB11. In addition, 1,1-DCA and 1,1,1-TCA concentrations at MSB11 exceeded the Preventative Action Limits (PALs) as established under NR 140. The PAL is generally 10 percent of the ES. The PALs and ESs for the detected compounds are listed in Table 3-2.

Relationship of City Wells No. 3 and No. 5

One of the objectives of the study was to determine the radius of influence of city water supply wells CW-3 and CW-5. The purpose of this exercise was to address DNR's allegation that releases from Plant No. 1 were the source of chlorinated VOCs observed in both of the city production wells. An additional objective was to determine whether

any of the other potential source areas identified in Strand's report could fall within the radius of influence of either well and represent sources of chlorinated VOCs in the City wells.

The level of effort for this portion of the study was limited to a search and interpretation of available records. No additional intrusive work was conducted. It was hoped that pump test information might exist that would provide an indication of the radius of influence of the wells. No such information was found as part of CH2M HILL's record search. While pumping rates and drawdown information for the pumping wells are available and permit estimates of specific yield to be calculated, without drawdown data from adjacent wells completed within the same aquifer zone, it is not possible to predict, with any level of confidence, the radius of influence of a pumping well. This is particularly true of the present situation where the Cedarburg wells are not only completed in fractured bedrock but also draw from two different aquifer systems (the Niagara Dolomite and the underlying sandstone aquifer).

However, one piece of information that was discovered during the investigation may provide some information on the radius of influence of the wells. As part of the effort to evaluate whether pumping CW-3 had an impact on the aquifers near Plant No. 1, CH2M HILL obtained the water level records for CW-3 during both static and dynamic (pumping) conditions. During the time CW-3 was shut down, it was noticed that fluctuations as much as 5 feet occurred in the "static" water level in CW-3. In an attempt to explain this phenomenon, pumping records and water levels were obtained for CW-5, which is located about 2,400 feet to the south-southwest of CW-3. Comparing the times when CW-5 was pumping to changes in CW-3 water levels seems to show a reasonable correlation as shown in Figure 3-9. It needs to be emphasized that the data are limited and that this information is preliminary. A more conclusive interpretation can be obtained through trying to correlate drawdowns on a larger data set.

Such a hydraulic connection, as seems to be in place between CW-3 and CW-5, can be explained by considering the interconnectedness of fracture zones in the bedrock matrix. A study performed by IT Corporation for the DNR in 1989 suggests that two major fracture sets traverse the Niagara Dolomite at orientations of North 40° East and North 40° West. It is possible that the capture zones from both of the pumping wells intercept these major fracture zones, thereby explaining the response to pumping CW-5 observed in CW-3.

What can be said based on these observations is that there appears to be hydraulic connection between CW-3 and CW-5 and that the mechanism of interconnection appears to be preferential flow along an aligned fracture. What cannot be stated is the overall radius of influence of the pumping wells. In a fractured environment groundwater flow will occur preferentially along a fracture zone but the magnitude of the flow perpendicular to this fracture may be orders of magnitude less. So, while there is evidence to suggest that the influence of CW-5 is at least 2,400 feet along a preferred fracture, no conclusions can be drawn regarding the radius of influence in other directions. To do so, it would be necessary to assume that the fractured bedrock aquifer

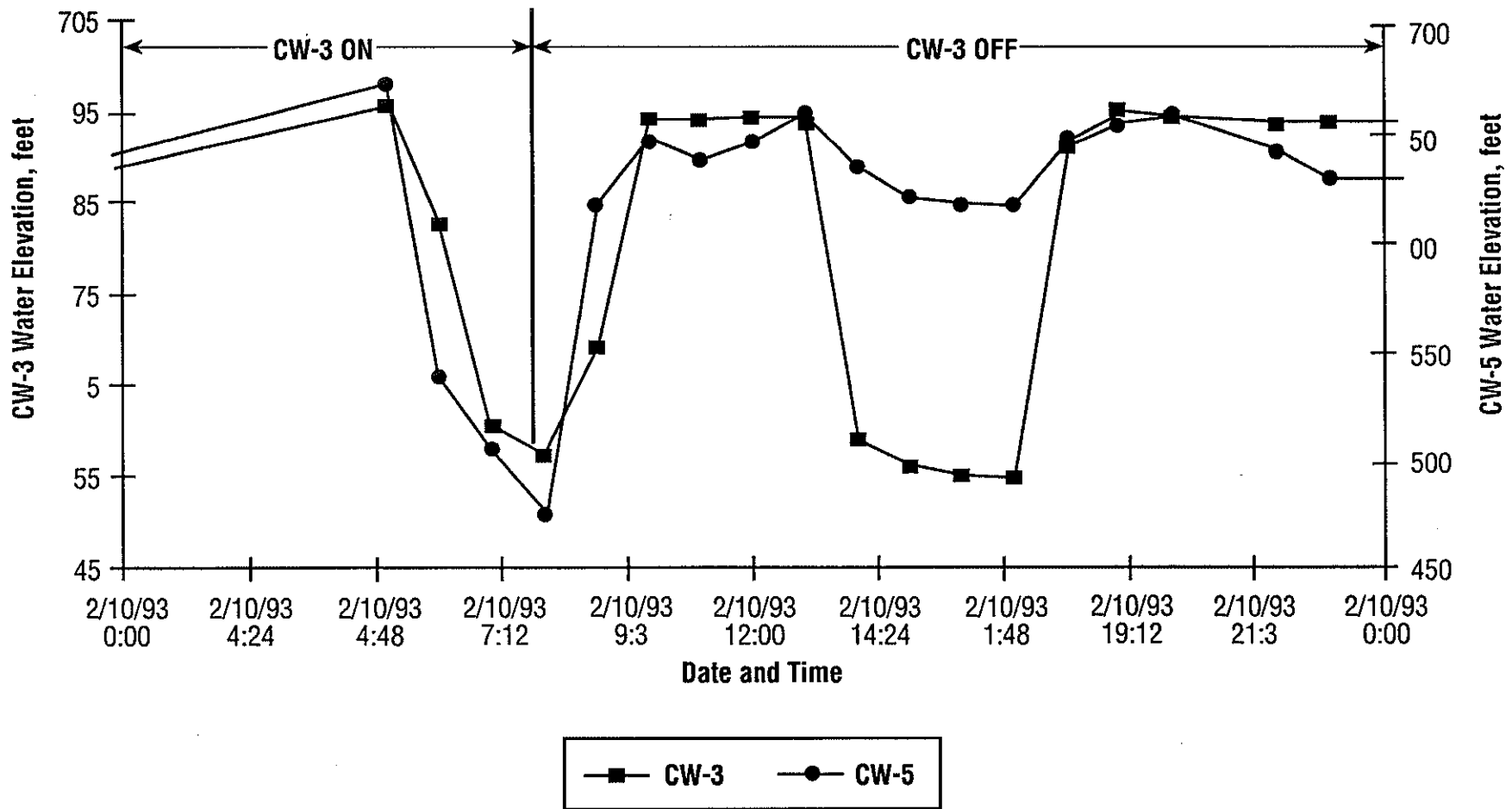


FIGURE 3-9
Water Level Relationship
CW-3/CW-5
 Former Mercury Marine Plant No. 1
 Cedarburg, Wisconsin



behaved as an equivalent porous medium (i.e., like sand). Such an assumption may be valid for the sandstone aquifer, but is probably not valid for the dolomite aquifer.

Summary and Conclusions

The results of the investigation conducted by CH2M HILL at the former Mercury Marine Plant No. 1 indicate the following:

- The site is underlain by glacial till that overlies weathered dolomite bedrock. The till is interbedded with silty to coarse sand lenses. Where saturated, the till and upper bedrock form a water table aquifer. Depth to groundwater ranges from less than 11 feet below grade at the northern end of the site to greater than 40 feet at the southern property boundary. The predominant direction of groundwater flow in this unit is to the south-southeast at a gradient of about 0.023 ft/ft.
- TCE, 1,1,1-TCA, and their degradation byproducts are present in the soils and shallow groundwater beneath and in the vicinity of former Plant No. 1.
- An unexpected occurrence of chlorinated VOCs was detected in the soils and groundwater in boring MSB05 at the southern property boundary at a depth of 44 feet below grade.
- Concentrations of TCE and several of the other chlorinated VOCs exceed the PALs and ESs established for these substances in NR 140 of the Wisconsin Administrative Code.
- Groundwater levels measured in site piezometers and monitoring wells during pumping and non-pumping conditions at city water supply well CW-3 were reviewed. Results show a response to pumping in piezometer P-6 (completed in the bedrock at a depth of 160 feet) but no response in any of the wells and piezometers completed in the upper bedrock and till units. These results suggest that lower portions of the bedrock and the upper bedrock/till aquifer at the local scale behave independently and are not hydraulically connected. From this observation it is difficult to support the allegation that the chlorinated VOCs present locally in the till/upper bedrock groundwater are the source of chlorinated VOCs observed in city well CW-3.
- Static water level measurements in CW-3 collected under non-pumping conditions appear to show a response to pumping in city well CW-5. This observation suggests a hydraulic connection between the two wells. Such a connection may be explained through the orientation and interconnectedness of regional bedrock fracture systems. These observations suggest that, at

least in a northeast-southwest direction, the radius of influence of city well CW-5 is as much as 2,400 feet from the pumping well.

This study did not develop information that would reveal other potential sources of the VOCs reported in CW-3 and CW-5. It is important to note that VOCs from elsewhere within the influence of either of these two wells could be causing or contributing to the contamination reported at these wells.

10011BCB.GLO

APPENDIX A
TECHNICAL MEMORANDUMS

PREPARED FOR: Mercury Marine
PREPARED BY: Laura Peterson/CH2M HILL
DATE: March 29, 1993
SUBJECT: Former Mercury Marine Plant No. 1 Site Investigation
Soil Boring, Well Installation, and Soil Sampling
PROJECT: GLO33316.A0.00

Introduction

This technical memorandum summarizes the soil boring, well installation, and soil sampling procedures used during the site investigation at the former Mercury Marine Plant No. 1 in Cedarburg, Wisconsin. Work commenced on January 13, 1993, and was completed on January 27, 1993.

Drilling services were provided by Layne-Northwest Co. of Pewaukee, Wisconsin. Analytical services were provided by Precision Analytical Laboratory (PAL) of Milwaukee, Wisconsin.

Personnel

The personnel onsite to perform the groundwater and soil sampling and to oversee the soil borings are listed below.

Team Member	Responsibilities
Laura Peterson	Project Hydrogeologist, Site Safety Coordinator
Aaron Petri	Sample Team Member, Surveying
Jeff Lamont	Sample Team Member, Logging Rock Cores
Dan Chatfield	Surveying

Soil Borings

Twelve borings were drilled to provide stratigraphic and hydrogeologic information as well as physical and chemical soil characteristics. The borings were advanced to bedrock using 4.25-inch hollow stem augers and were continuously sampled at 2-foot intervals

TECHNICAL MEMORANDUM NO. 1

Page 2

March 29, 1993

GLO33316.A0.00

using 3-inch split spoon samplers. Soil samples were logged by the onsite CH2M HILL hydrogeologist. A USCS field classification was recorded for each soil type observed. Soil properties such as relative moisture content, color, density or consistency, soil structure, and mineralogy were also recorded. Copies of the soil boring logs are in Attachment 1. Cuttings were placed in U.S. DOT-approved 55-gallon drums. Each drum was marked with its borehole location and moved to a central location onsite pending disposal.

Soil samples were collected for chemical analyses from boring MSB8, MSB9, MSB10, MSB11, and MSB12 (see Figure 2-1). A 3-inch split-spoon sampler was driven at 2-foot intervals. Immediately after the spoon was opened, the soil sample was screened for VOCs using an HNu photoionization detector. At least one soil sample was collected from each stratigraphic unit present in the unconsolidated formation. Two 4-ounce VOA jars were filled first, followed by two 4-ounce jars for TOC analysis. The filled jars were placed on ice in a cooler pending delivery to the laboratory. Soil samples were submitted for VOC and TOC analyses based on field screening results or visual appearance. Samples not submitted for analyses were disposed of in a 55-gallon drum. Table TM1-1 lists the soil samples submitted for chemical analyses. VOC analyses was done using the U.S. EPA's SW-846 method SW-8241.

The stainless steel sampling trowel was decontaminated after each sample's collection using a TSP and water solution followed by a 10-percent methanol and water rinse and a final distilled water rinse. The rinsate was collected and stored in 55-gallon drums pending disposal.

For those boreholes not chemically sampled, HNu screenings were done on the split-spoon sample immediately following opening of the spoon. Readings were recorded on the soil boring logs.

The work plan stated that four soil samples would be collected from borings inside the building for physical characterization and that samples from the clay would be collected using Shelby tube samplers. Because of the stiff, often gravelly till encountered in the subsurface and the size of the electric rig used for drilling, it was not possible to push a Shelby tube to collect soil samples for physical analyses. However, a total of three Shelby tube samples were obtained from two borings (MSB7 and MSB11) just outside of the west side of the building. Soil samples were immediately sealed in the tubes using sealing wax provided by the drilling contractor. Physical samples were submitted to PAL for grain size, moisture content, and porosity analyses. The boring location and depth interval of the samples submitted are listed in Table TM1-1.

Table TM1-1
Soil Samples Collected for Physical and Chemical Analysis
Mercury Marine Plant No. 1
Cedarburg, Wisconsin

Boring No.	Depth, ft.	Soil	Date	Parameters
MSB07	3 to 5	Clayey Silt	1/22/93	Grain Size, Porosity, % Moisture
	5 to 6	Clay	1/22/93	VOC, TOC
	6 to 7	Clay	1/22/93	VOC, TOC
	7 to 9	Gravelly Sand	1/22/93	VOC, TOC
	9 to 11	Sandy Silt	1/22/93	Grain Size, Porosity, % Moisture
MSB08	8 to 10	Clay	1/20/93	VOC, TOC
	10 to 12	Clay	1/20/93	VOC, TOC
MSB09	3 to 5	Clay/Fine Sand	1/21/93	VOC, TOC
	9 to 11	Gravelly Sand	1/21/93	VOC, TOC
MSB10	1 to 3	Clayey Sand/Clay	1/22/93	VOC, TOC
	3 to 5	Clay	1/22/93	VOC, TOC
	9 to 11	Well-Graded Sand	1/22/93	VOC, TOC
MSB11	1 to 3	Clay/Silty Sand	1/25/93	VOC, TOC
	3 to 5	Sandy Silt	1/25/93	Grain Size, Porosity, % Moisture
	5 to 7	Silty Clay/Silty Sand	1/25/93	VOC, TOC
	9 to 11	Silty Clay	1/25/93	VOC, TOC
	13 to 15	Sandy Gravel	1/25/93	VOC, TOC

PREPARED FOR: Mercury Marine

PREPARED BY: Laura Peterson/CH2M HILL

DATE: March 29, 1993

SUBJECT: Former Mercury Marine Plant No. 1 Site Investigation
Soil Boring, Well Installation, and Soil Sampling

PROJECT: GLO33316.A0.00

Introduction

This technical memorandum summarizes the soil boring, well installation, and soil sampling procedures used during the site investigation at the former Mercury Marine Plant No. 1 in Cedarburg, Wisconsin. Work commenced on January 13, 1993, and was completed on January 27, 1993.

Drilling services were provided by Layne-Northwest Co. of Pewaukee, Wisconsin. Analytical services were provided by Precision Analytical Laboratory (PAL) of Milwaukee, Wisconsin.

Personnel

The personnel onsite to perform the groundwater and soil sampling and to oversee the soil borings are listed below.

Team Member	Responsibilities
Laura Peterson	Project Hydrogeologist, Site Safety Coordinator
Aaron Petri	Sample Team Member, Surveying
Jeff Lamont	Sample Team Member, Logging Rock Cores
Dan Chatfield	Surveying

Soil Borings

Twelve borings were drilled to provide stratigraphic and hydrogeologic information as well as physical and chemical soil characteristics. The borings were advanced to bedrock using 4.25-inch hollow stem augers and were continuously sampled at 2-foot intervals

TECHNICAL MEMORANDUM NO. 1

Page 2

March 29, 1993

GLO33316.A0.00

using 3-inch split spoon samplers. Soil samples were logged by the onsite CH2M HILL hydrogeologist. A USCS field classification was recorded for each soil type observed. Soil properties such as relative moisture content, color, density or consistency, soil structure, and mineralogy were also recorded. Copies of the soil boring logs are in Attachment 1. Cuttings were placed in U.S. DOT-approved 55-gallon drums. Each drum was marked with its borehole location and moved to a central location onsite pending disposal.

Soil samples were collected for chemical analyses from boring MSB8, MSB9, MSB10, MSB11, and MSB12 (see Figure 2-1). A 3-inch split-spoon sampler was driven at 2-foot intervals. Immediately after the spoon was opened, the soil sample was screened for VOCs using an HNu photoionization detector. At least one soil sample was collected from each stratigraphic unit present in the unconsolidated formation. Two 4-ounce VOA jars were filled first, followed by two 4-ounce jars for TOC analysis. The filled jars were placed on ice in a cooler pending delivery to the laboratory. Soil samples were submitted for VOC and TOC analyses based on field screening results or visual appearance. Samples not submitted for analyses were disposed of in a 55-gallon drum. Table TM1-1 lists the soil samples submitted for chemical analyses. VOC analyses was done using the U.S. EPA's SW-846 method SW-8241.

The stainless steel sampling trowel was decontaminated after each sample's collection using a TSP and water solution followed by a 10-percent methanol and water rinse and a final distilled water rinse. The rinsate was collected and stored in 55-gallon drums pending disposal.

For those boreholes not chemically sampled, HNu screenings were done on the split-spoon sample immediately following opening of the spoon. Readings were recorded on the soil boring logs.

The work plan stated that four soil samples would be collected from borings inside the building for physical characterization and that samples from the clay would be collected using Shelby tube samplers. Because of the stiff, often gravelly till encountered in the subsurface and the size of the electric rig used for drilling, it was not possible to push a Shelby tube to collect soil samples for physical analyses. However, a total of three Shelby tube samples were obtained from two borings (MSB7 and MSB11) just outside of the west side of the building. Soil samples were immediately sealed in the tubes using sealing wax provided by the drilling contractor. Physical samples were submitted to PAL for grain size, moisture content, and porosity analyses. The boring location and depth interval of the samples submitted are listed in Table TM1-1.

Table TM1-1
Soil Samples Collected for Physical and Chemical Analysis
Mercury Marine Plant No. 1
Cedarburg, Wisconsin

Boring No.	Depth, ft.	Soil	Date	Parameters
MSB07	3 to 5	Clayey Silt	1/22/93	Grain Size, Porosity, % Moisture
	5 to 6	Clay	1/22/93	VOC, TOC
	6 to 7	Clay	1/22/93	VOC, TOC
	7 to 9	Gravelly Sand	1/22/93	VOC, TOC
	9 to 11	Sandy Silt	1/22/93	Grain Size, Porosity, % Moisture
MSB08	8 to 10	Clay	1/20/93	VOC, TOC
	10 to 12	Clay	1/20/93	VOC, TOC
MSB09	3 to 5	Clay/Fine Sand	1/21/93	VOC, TOC
	9 to 11	Gravelly Sand	1/21/93	VOC, TOC
MSB10	1 to 3	Clayey Sand/Clay	1/22/93	VOC, TOC
	3 to 5	Clay	1/22/93	VOC, TOC
	9 to 11	Well-Graded Sand	1/22/93	VOC, TOC
MSB11	1 to 3	Clay/Silty Sand	1/25/93	VOC, TOC
	3 to 5	Sandy Silt	1/25/93	Grain Size, Porosity, % Moisture
	5 to 7	Silty Clay/Silty Sand	1/25/93	VOC, TOC
	9 to 11	Silty Clay	1/25/93	VOC, TOC
	13 to 15	Sandy Gravel	1/25/93	VOC, TOC

TECHNICAL MEMORANDUM NO. 1

Page 3

March 29, 1993

GLO33316.A0.00

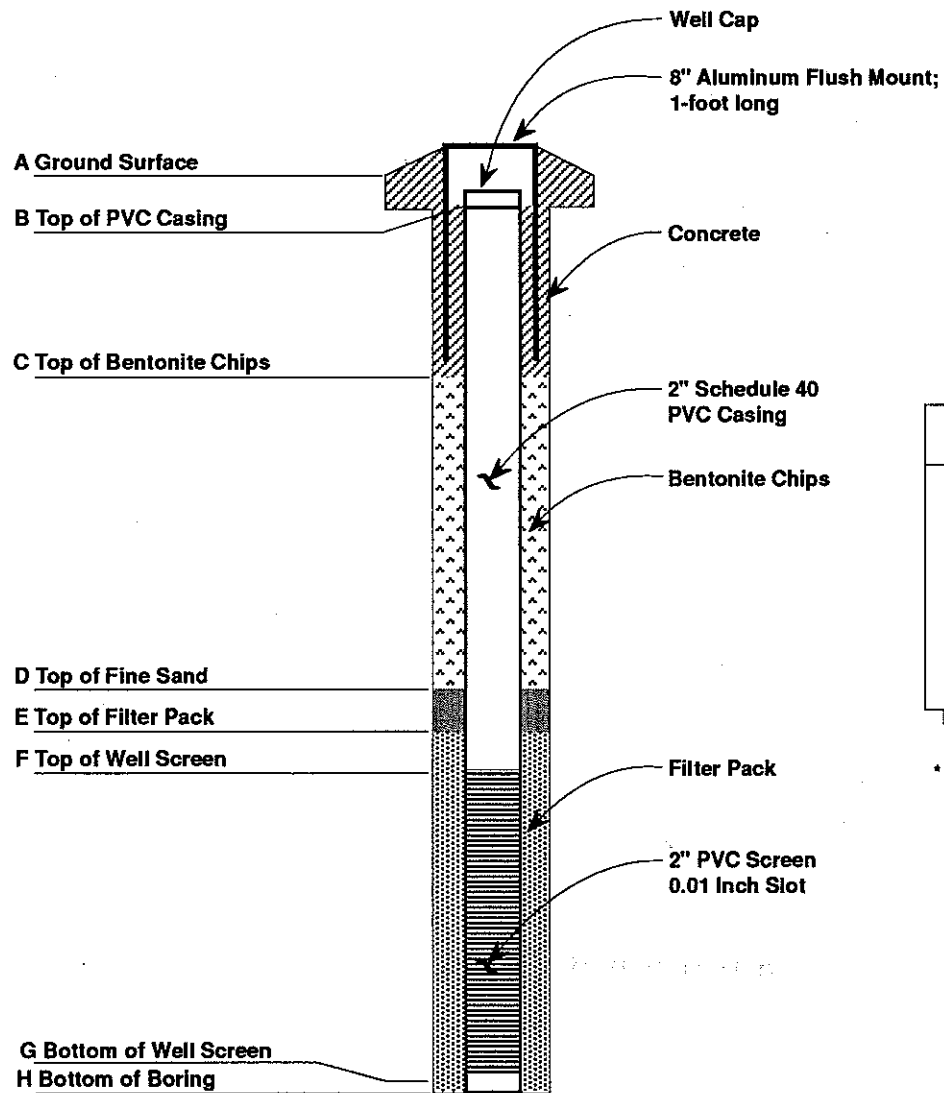
In 4 of the 12 borings, drilling continued 10 feet into competent bedrock using air rotary drilling methods. A 10-foot long rock core was obtained from the bedrock surface at borings MSB7, MSB10, and MSB11. At boring MSB6, rock cores were collected from 20 to 60 feet below grade. A 1.78-inch core barrel was used to obtain the cores. Each core was placed in a core box labeled with the site name, borehole location, sample interval, and date. The cores were logged by a CH2M HILL hydrogeologist. Copies of the rock core logs are included in Attachment 1.

For borings in which monitoring wells were not installed, the borehole was abandoned using either bentonite chips or bentonite-cement grout. Bentonite-cement grout was used to abandon the borings inside the plant building.

Monitoring Well Installation

Five monitoring wells were installed to provide information about the groundwater flow direction in both the glacial till and bedrock. The wells were constructed with 2-inch Schedule 40 PVC riser and 0.010-inch factory-slotted screen. Wells MW-1, MW-3, and MW-5 were fitted with 5-foot screens and MW-4 with a 10-foot screen. The bedrock well, MW-2 was fitted with a 15-foot screen. The riser pipes and screens were steam cleaned before use. Following screen and riser installation, a medium-grained sand pack was placed in the annulus of the borehole to a height of about 2 feet above the top of the screen. A 2-foot layer of fine-grained silica sand was placed above the filter pack. For the wells screened in the unconsolidated formation, bentonite chips were placed above the sand pack to a height of about 4 feet below the ground surface. For the bedrock well, a 5-foot layer of chips were placed above the fine sand. The remainder of the annulus was filled with bentonite slurry to about 4 feet below grade. The wells were completed with a concrete surface seal and 1-foot-long aluminum flush mounts. A locking, expanding well cap was placed on the riser pipes. The completed well was developed using a bailer to surge and purge the well.

Monitoring well construction details are shown in Figure TM1-1. Monitoring well construction and development forms were completed for each well and submitted to the Wisconsin DNR per Chapter NR 141 of the Wisconsin Administrative Code. Copies of those forms are in Attachment 2.



Monitoring Well	A	B	C	D	E	F	G	H
MW-1	787.37	787.02	783.37	781.37	779.37	777.37	772.37	772.37
MW-2*	786.52	786.27	750.52	745.52	743.52	741.52	726.52	726.52
MW-3	799.58	799.18	795.58	773.58	771.58	769.58	764.58	755.58
MW-4	786.06	785.84	783.56	783.06	782.06	781.06	771.06	758.06
MW-5	793.43	793.20	789.43	781.93	780.93	778.93	773.93	773.93

Elevations are in feet and are referenced to MSL.

*For MW-2, bentonite slurry was used to fill the annulus from 750.52 feet to 782.52 feet.

TECHNICAL MEMORANDUM NO. 1

Page 4

March 29, 1993

GLO33316.A0.00

Health and Safety

Drilling, groundwater grab sampling, and soil sampling were performed in Level D personal health and safety protection. CH2M HILL personnel were responsible for ambient air monitoring during drilling and sampling activities and for enforcing the provisions outlined in CH2M HILL's Health and Safety Plan. Ambient air monitoring was conducted using either an HNu photoionizer or an OVA. There were no positive readings for ambient air throughout the field investigation. The HNu and OVA were calibrated at the start of each day.

Surveying

The soil borings and monitoring wells were located by CH2M HILL personnel. Horizontal locations were surveyed to the nearest 0.1 foot. Ground elevations for the borings and the top of well casings were surveyed to the nearest 0.01 foot. The horizontal and vertical locations for the borings and wells are listed in Table TM1-2.

Table TM1-2 Survey Results Mercury Marine Plant No. 1 Cedarburg, Wisconsin			
Boring No.	X-Coord.	Y-Coord.	Elevation
MSB01	2,535,313	477,928	785.42
MSB02	2,535,376	477,714	787.37
MSB03	2,535,671	477,464	786.42
MSB04	2,535,680	477,296	786.64
MSB05	2,535,484	477,005	799.58
MSB06	2,535,677	477,317	786.52
MSB07	2,535,312	477,586	787.28
MSB08	2,535,307	477,443	786.38
MSB09	2,535,300	477,587	786.49
MSB10	2,535,305	477,719	788.57
MSB11	2,535,318	477,433	786.06
MSB12	2,535,210	477,680	793.43

Note: X and Y coordinates are based on Wisconsin state plane coordinate system grid, South Zone

Elevations are in feet and are referenced to mean sea level, 1929 Adjustment

TECHNICAL MEMORANDUM NO. 1

Page 5

March 29, 1993

GLO33316.A0.00

Documentation

Field measurements and descriptions made during the field work were recorded in the field log book (see Attachment 3).

Chain-of-custody forms (see Attachment 4) were kept from the point of sample origin to delivery to the laboratory. Specific laboratory chain-of-custody procedures as described in Section 5 of the Quality Assurance Project Plan were followed with the exception that the laboratory's own chain-of-custody form was used. In addition, the sample coolers were not locked and sealed because either the courier from the laboratory picked up the samples at the site, or the samples were delivered directly to the lab by a CH2M HILL team member.

10011AB1.GLO

PREPARED FOR: Mercury Marine
PREPARED BY: Laura Peterson/CH2M HILL
DATE: March 26, 1993
SUBJECT: Former Mercury Marine Plant No. 1 Site Investigation
Groundwater Grab Sampling
PROJECT: GLO33316.A0.00

Introduction

This technical memorandum summarizes the procedures and field measurements taken during groundwater grab sampling at the former Mercury Marine Plant No. 1 in Cedarburg, Wisconsin. Work commenced on January 13, 1993, and was completed on January 27, 1993. Analytical services were provided by Precision Analytical Laboratory (PAL) of Milwaukee, Wisconsin. Water level measurement activities are also documented in this memorandum.

Personnel

The personnel onsite to perform the groundwater sampling are listed below.

Team Member	Responsibilities
Laura Peterson	Project Hydrogeologist, Site Safety Coordinator
Aaron Petri	Sample Team Member
Jeff Lamont	Sample Team Member and Hydrogeologist

Field Work Activities

Soil Boring

Groundwater grab samples were collected from the glacial till at borings MSB2, MSB5, MSB7, MSB9, MSB11, and MSB12. Grab samples were also collected from the dolomite at borings MSB6, MSB7, MSB10, and MSB11. After a boring was advanced to the top of bedrock, the augers were pulled back about 3 feet and a PVC screen and riser were dropped down inside the augers to the bottom of the borehole. Where drilling

TECHNICAL MEMORANDUM NO. 2

Page 2

March 26, 1993

GLO33316.A0.00

continued into the dolomite, the water sample was collected from within the borehole casing.

Water Level Measurement

Before sampling, water levels were measured with an electronic water level indicator to the nearest 0.01 foot from the northernmost point of the well riser. Water level measurements were also made from the monitoring wells during both the site investigation and the pump test. The measurements are listed in Table TM2-1.

Well Purging

After measuring the water level, the depth to the bottom of each borehole was sounded with the water level indicator to determine the total depth of the well. The volume of water in the casing was calculated using the equation

$$V_{\text{gal}} = 7.48\pi r^2 h$$

where:

h = height of the water column in feet

r = radius of the well in feet

A stainless steel bailer was used to purge at least three well volumes. Boreholes went dry after a limited amount of purging were allowed to recover before sampling began. Purge water was collected in 5-gallon buckets and emptied into 55-gallon drums at a central plant location pending disposal.

Sample Collection

After purging the well, water samples were collected with a stainless steel bailer. Samples for VOC analysis were collected first. The sample bottles were labeled with the sample designation and the date and time of collection. The filled bottles were placed in a cooler on ice pending shipment to the laboratory. Samples were submitted to PAL for analysis of VOCs, alkalinity, hardness, TOC, COD, and iron. The CH2M HILL hydrogeologist documented sample collection activities in the field log book, a copy of which is in Attachment 3.

**Table TM2-1
Groundwater Elevations
Mercury Marine Plant No. 1
Cedarburg, Wisconsin**

Well No.	X-Coord.	Y-Coord.	TOC Elevation	Groundwater Elevation									
				2/2/93	2/9/93	2/10/93	2/15/93	2/18/93	2/24/93	2/24/93	2/25/93	2/26/93	3/3/93
MW-1	5376.33	7713.70	787.02	776.84	776.81	776.78	776.72	776.76	776.56	776.59	--	--	776.50
MW-2	5677.22	7317.34	786.27	766.04	766.08	766.02	766.06	--	765.84	765.84	765.87	765.82	765.83
MW-3	5483.59	7004.67	799.18	766.72	766.78	766.95	--	--	--	--	--	--	766.75
MW-4	5317.50	7432.94	785.84	775.82	775.44	775.73	775.67	775.63	--	--	--	775.50	775.49
MW-5	5209.60	7679.82	793.20	777.43	777.39	777.95	--	--	777.13	777.28	777.26	777.12	777.07
MW-6	5307.01	7600.86	787.19	776.87	776.84	776.79	776.71	776.69	776.59	776.59	776.58	776.58	776.54
P-6	5307.87	7590.98	787.16	753.54	753.63	753.77	754.26	754.06	754.44	754.05	753.57	753.92	752.84

Note: Units are in feet.
Elevations referenced to mean sea level.
TOC = Top of Casing.
-- indicates water level not measured.

TECHNICAL MEMORANDUM NO. 2

Page 3

March 26, 1993

GLO33316.A0.00

Decontamination Procedures

The bailers were decontaminated between sampling locations. Bailers were washed with a TSP and tap water mixture followed by a distilled water rinse, 10 percent methanol rinse, and a final distilled water rinse.

Chain of Custody

Chain-of-custody forms (Attachment 4) were kept from the point of sample origin to delivery to the laboratory. Specific laboratory chain-of-custody procedures as described in Section 5 of the Quality Assurance Project Plan were followed with the exception that the laboratory's own chain-of-custody form was used. In addition, the sample coolers were not locked and sealed because either the courier from the lab picked up the samples at the site, or the samples were delivered directly to the lab by a CH2M HILL team member.

10011AAF.GLO

ATTACHMENT 1
SOIL BORING AND ROCK CORE LOGS



PROJECT NUMBER GLO 33316.A0.D0	BORING NUMBER (MW-1) MSB2	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Mercury Marine Plant No. 1 LOCATION In front of garage door "K"
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat - 22R
 WATER LEVELS _____ START 1/13/93 FINISH 1/13/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt. Sandy Gravel Fill.	OVA BG = Oppm Begin drilling @ 1349
3	1-3		1		Silty Clay (CL). DK brown - black. moist stiff. Some clay.	OVA = BG
5	3-5		1		Silty Sand (SM). Lt. Brown. Moist. Med. Dense. Some black clay. Same (SM). Dense. Trace fine gravel. Some orange mottling. Trace rock fragments	OVA = BG
7	5-7		2		Same (SM). Some black clay. Somewhat more clayey than above. Some gravel. Some larger gravel (2-in ϕ) in bottom 8".	OVA = BG
9	7-9		2		Clayey SILT (CL-ML). Brown. Moist. Very dense. Some fine sand. Some rounded gravel.	OVA = BG
11	9-11		0.8		Same as above (CL-ML).	OVA = BG OVA breathing zone = BG t = 1435
13	11-13		0.9		Silty, well-graded SAND (SW). Brown. Wet. Med. dense. Some gravel.	OVA = BG $\frac{V}{\Sigma}$
15	13-15		1.4		clayey, well-graded SAND (S). Brown. Wet. Some silt and gravel. Dense. Some gravel angular. Silty CLAY (ML-CL). Lt gray. Moist. Hard. Some sand and gravel.	OVA = BG Hit rock @ 15.5'



PROJECT NUMBER GLO33316 A000	BORING NUMBER MSB3	SHEET 1	OF 1
SOIL BORING LOG			

PROJECT Mercury Marine Plant No 1 LOCATION East of bldg near Door # 4
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat-22R, 4.25" HSA, 3" split-spoon
 WATER LEVELS _____ START 1/14/93 FINISH 1/14/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt. Sand + Gravel Fill. (GW)	H _{Nu} BG = 0.25 ppm Begin boring @ 0931.
1-3			1.5		Sandy gravel (GW). Black + brown. moist. Some silt. Trace asphalt. Trace clay. 2'	H _{Nu} = BG H _{Nu} breathing zone = BG
3					Poorly-graded fine silty sand (SP-sm) Brown. slightly moist med. dense.	
3-5			1.8		Same (SP). Grading to a silt with some clay. 3' 6" Clayey SILT (ML). Brown. Moist Dense Trace fine sand. Trace orange matting	H _{Nu} deflected slightly above BG.
5					Clayey SILT (ML-CL). somewhat more clayey than above Brown. moist. Dense. Some fine sand Trace gravel. Rock fragments 4" from tip.	H _{Nu} = BG
7					Same (ML-CL). More moist than above Some fine sand seams.	H _{Nu} = BG
7-9			1.5			
9					Poorly-graded, fine, silty sand (sm-sp) 3' 10" Brown. moist. Loose.	
9-11			1.8		Clayey SILT (ML-CL) Brown. Moist Dense. Trace gravel. Fine sand seams Rock fragment about 1' from tip	H _{Nu} = BG.
11					3 inch sand lense at tp. Clayey silt in spoon tip. EOB @ 10.5' t = 1040	16" Hit bedrock @ 10.5' No water.



PROJECT NUMBER GLO 33316 A.D. ØØ	BORING NUMBER (MW-2) MSB 4 + MSB 6 SHEET 1 OF 1
SOIL BORING LOG	

PROJECT Mercury Marine Plant No. 1 LOCATION East of bldg. near dock
 ELEVATION _____ DRILLING CONTRACTOR Layne-NW
 DRILLING METHOD AND EQUIPMENT Brat-22R, 4.25" HSA, 3" split-spoon
 WATER LEVELS _____ START 1/14/93 FINISH 1/14/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
	Blind Drilled				Silty sand and gravel fill. Fine roots in upper 2 inches.	H _{Nu} BG = 0.25 ppm Start drilling @ 1150
1	1-3		1.3		Clayey SILT (CL-ML). Brown. slightly moist. Very dense. Trace gravel. Some fine sand. Much orange mottling.	H _{Nu} = BG
3	3-5		1.5		SILT (ML). Brown. Slightly moist. Very dense. Some fine sand. Trace clay and gravel. Some fine sand seams. Much rust mottling.	H _{Nu} = BG
5	5-7		0.3		Clayey Silt (CL-CL). Brown. Moist. Dense. Some fine sand. Trace gravel. Fine rock fragments in tip.	Could not drive spoon past 6 1/2' Hit rock. Rock fragments in cuttings from 5-7 ft.
7	7-9		0		Some clayey silt in tip of spoon. Rock fragments in tip	
9	9-11		1		Silty, very fine, poorly-graded sand (SM-SP). Brown. Moist. Loose. Trace rock fragments 9/4" Clayey SILT (CL-ML). Brown. Moist. Very dense. Some sand seams. Trace orange mottling. Bottom 3" sandier.	H _{Nu} = BG
11	11-13		0.3		Clayey Sand (SC). Brown. Very moist. Med. dense. Some gravel. Sand is coarser than above.	H _{Nu} = BG
13	13-15		0.7		Clayey Silt (CL-ML). Brown. Very moist. Dense. Clayier than above. Trace gravel. Some fine sand seams.	H _{Nu} = BG
15						



PROJECT NUMBER GLO33316.A7.DP	BORING NUMBER MSB5 (mw-3) SHEET 1 OF 3
SOIL BORING LOG	

PROJECT Mercury Marine Plant No. 1 LOCATION South Parking lot
 ELEVATION _____ DRILLING CONTRACTOR Layne-NW
 DRILLING METHOD AND EQUIPMENT Brat. 22R; 4.25" HSA; 3" split spoon
 WATER LEVELS _____ START 1/14/93 FINISH 1/15/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt Silty, sandy, clayey gravel fill.	H _{Nu} BG = 0.25 ppm Start drilling @ 1500
3	1-3		1.3		Clayey silt (CL-ML). Brown. Moist. Hard. Some fine sand.	H _{Nu} = BG
5	3-5		1.1		Same (CL-ML). Lower 6" softer. Trace gravel.	H _{Nu} = BG
7	5-7		1.2		Same (CL-ML). Trace orange mottling. Bottom 8" is a lighter brown than above. Trace small gravel.	H _{Nu} = BG
9	7-9		1.4		Clayey silt (CL-ML). Brown. Slightly moist. Very dense. Some fine sand. Trace gravel. Some orange mottling.	H _{Nu} = BG
11	9-11		1.5		Same (CL-ML). Not as clayey as above. One fine sand seam fracture.	H _{Nu} = BG
13	11-13		2		Same (CL-ML). Some 1 1/2" gravel. Some orange mottling. Dense.	H _{Nu} = BG
15	13-15		2		Same (CL-ML). Very dense. Rock fragment 1' from bottom.	H _{Nu} = BG



PROJECT NUMBER	BORING NUMBER MSB5
SHEET 2 OF 3	
SOIL BORING LOG	

PROJECT _____ LOCATION South Parking Lot

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____

WATER LEVELS _____ START 1/14/93 FINISH 1/15/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)	6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
17	15-17		0		Rock and clayey silt in tip	
19	17-19		0.8		Same (CL-ML). Some rock fragments.	H _{Nu} = BG
19	19-21		1.8		Same (CL-ML). Dense. Some gravel and rocks.	H _{Nu} = BG
21	21-23		2		Same (CL-ML)	
23	23-25		0.3		Silty clay (CL). Gray. Moist. 2 ^o stiff. Trace gravel.	Stop drilling @ 1655
23	23-25		0.3		Silty Clay (CL). Brown. Wet. Soft. Trace gravel. Some fine sand.	Begin drilling @ 0720 on 1/15 H _{Nu} BG = 0.3 ppm
25	25-27		0.3		Same (CL). Wet 2" fine-medium clayey sand lense in tip.	
27	27-29		1.5		Same (CL). Clayey sand and rock fragments in tip	H _{Nu} = BG
29	29-3		0.7		Same (CL). 4" sandy gravel in tip. Brown. Dry loose.	H _{Nu} = BG



PROJECT NUMBER	BORING NUMBER MSB5
SHEET 3 OF 3	
SOIL BORING LOG	

PROJECT _____ LOCATION South Parking Lot
 ELEVATION _____ DRILLING CONTRACTOR _____
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START 1/14/93 FINISH 1/15/93 LOGGER L Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)	6"-8"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
31	31-33		1.1		Same (). Two inches of orange matting about 6" from tip (right above fine sand). 32'6"	HWL = BG
33					Fine, poorly-graded sand (SP). Brown. moist. loose, some silt.	
	33-35		1.1		Same (SM-SP). wet. Trace small rounded gravel.	HWL deflected slightly 1/2 ppm.
35					Clayey sand (SC). Wet. Some gravel.	
	35-37		1.2		36' Silty Clay (CL). Gray-brown. Moist. Hard. Trace sand and gravel. Some rock fragments.	HWL = BG
37					Same (CL). Rock 6" from tip.	HWL = BG
39					No Recovery.	Spoon probably pushing rock.
	39-41		0			
41					No Recovery.	Rock in tip. cuttings are the silty clay.
	41-43		0			
43					Silty clay (CL). Same as above. Weathered bedrock in bottom inch. Sandy rock fragments. Lt. brown.	EOB @ 1015 Am
	43-45		0.3		EOB @ 44'	
45						



PROJECT NUMBER GLO33316.A000	BORING NUMBER MSB7	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT Mercury Marine Plant No. 1 LOCATION West of bldg.
 ELEVATION _____ DRILLING CONTRACTOR Layne-NW
 DRILLING METHOD AND EQUIPMENT Brat-22R, 4.25" HSA, 3" split-spoon
 WATER LEVELS _____ START 1/22/93 FINISH 1/22/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt Concrete	HNu BG = 0.4 ppm start boring @ 0808
3	1-3		1.8		Gravelly sand (sw). Black & Brown. Moist. Loose. Black cinders throughout. Clay (CL). Brown & Lt. gray. Moist medium. Some silt. Trace fine gravel. Much orange mottling.	HNu = BG
3	3-5				Pushed Shelby Tube	Same silty clay in tip of Shelby Tube.
5	5-7		2		Clay (CL). Lt. Gray. Moist. Soft. Some black discoloration. Trace orange mottling.	(Oily odor from 5-6') Hnu deflected slightly (0.1 ppm)
7	7-9		1		Silty Clay (CL). Brown & Lt. gray. Moist. Medium. Trace fine gravel. More gravelly in lower 4 inches.	Two fractures in lower foot (Some fine-med. grained sand in fractures - slight discoloration greenish black)
7	7-9				Well-graded gravelly sand (sw). Orangish-brown. Moist. Loose	Hnu = BG
9	9-11				Pushed Shelby Tube	
11	11-13		0.5		Same (sw). Lower 4" wet	Hnu = BG ∇ Getting into weathered rock.
13	13-15		0.8		Silty Clay (CL). Gray. Moist. Very stiff much gravel, large dolomite fragments.	In weathered bedrock. Tough drilling.
15						



PROJECT NUMBER <i>GL03316-A0.00</i>	BORING NUMBER <i>MSB7</i>	SHEET <i>2</i> OF <i>2</i>
SOIL BORING LOG		

PROJECT *Mercury Marine Plant No. 1* LOCATION *west side of bldg*
 ELEVATION _____ DRILLING CONTRACTOR _____
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START *1/22/93* FINISH *1/22/93* LOGGER *L. Peterson*

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
	<i>15-16</i>		<i>0.3</i>		<i>Sandy, silty clay (CL). Gray. Wet. Soft. Much gravel. 2-inch rock 10'</i> <i>EOB</i>	<i>Met refusal @ 16'</i> <i>Will collect 10' rock core. Reamed down thru weathered bedrock to 18'. Will try to core from 18-28'.</i>



PROJECT NUMBER GL033316-Aφ.φφ	BORING NUMBER MSB8	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Mercury Marine Plant No.1 LOCATION Inside bldg @ south end
 ELEVATION _____ DRILLING CONTRACTOR Layne-Nw
 DRILLING METHOD AND EQUIPMENT Simco Electric Rig, 4.25" HSA, 3" split-spoon
 WATER LEVELS _____ START 1/20/93 FINISH 1/20/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Concrete Gravel Concrete	HNu BG = 0.35 ppm Abandoned pit
2					Sand + gravel fill 2'3"	
3	2-4		1		Very fine silty sand (SP-SM). Brown. Moist. Med. dense Large rock 8" from tip.	HNu = BG Collect soil sample 2-4'
4						
5	4-6		0.8		Silty Clay (CL). Brown. Moist. Stiff. Some fine sand. Trace gravel. Some rust mottling.	HNu = BG Collect soil sample 4-6'
6						
7	6-8		2		Silty Clay (CL). Brown. Moist. Stiff. Some sand. Much gravel. Trace rust mottling. About 1 ft from tip some sand discolored - greenish black	HNu = BG
8						
9	8-10		1.3		Same (CL). Some greenish-black sand about 8" from tip where there was a fracture. Some rock fragments in lower 6".	HNu of sand fracture = 3ppm Collect soil sample 8-10'
10						Driller says it feels like we're getting into weathered bedrock
11	10-12		1.8		Silty Clay (CL). Gray-brown. Slightly moist. Very stiff. Some sand. Trace fine gravel. Two fractures in lower foot.	HNu = 2.6 ppm Collected soil sample from 10-12'
12						
13	12-13		1		Clay (CL). Dk. gray. Slightly moist. Hard. Some silt. Trace sand and fine gravel. Trace hair-line fractures.	HNu = 2 ppm Met resistance @ 13' 3". Weathered bedrock in spoon tip.
14					EOB	



PROJECT NUMBER GLO 33316.A Ø ØØ	BORING NUMBER MSB9	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Mercury Marine Plant No. 1 LOCATION Inside Bldg - NW Corner
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Simco Electric Rig, 4.25" HSA, 3" split-spoon
 WATER LEVELS _____ START 1/21/93 FINISH 1/21/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	(Blind drilled)				Concrete upper 7". Then 5" of sandy, silty clay.	H _{Nu} BG = 0.35 ppm Start boring @ 1200
1-3			1.8		Silty, gravelly sand (SM-SW). Brown. Slightly moist dense. Lower foot more silty. Trace rust mottling.	Slight defect of needle on H _{Nu} (0.1 ppm) Encountering much resistance while augering from 1-3 feet Collected sample from 1-3'
3					Silty clay (CL). Lt. brown. Moist. Medium, much sand. Trace small gravel.	Collected sample from 3-5'
3-5			1.7		Silty, fine sand (SM-SP). Brown. Moist. Loose. Trace clay.	H _{Nu} = 0.3 ppm Slight discoloration of sand base Some sand greenish black
5					Silty clay (CL). Lt. brown. Moist. med. stiff. Trace fine gravel.	Hitting a lot of rocks.
5-7			0		No Recovery.	
7					Gravelly sand (SW). Brown. Dry.	Collected sample from 7-9'
7-9			1.2		Dolomite Rock. Lt. Gray	H _{Nu} = 0.4 ppm
9					Gravelly sand (SW). Brown. Dry. Loose. Some orange coloring.	Weathered bedrock in spoon tip
9-11			1.2		Same (SW). Very moist. Some 2" subangular gravel. One dolomite rock fragment at top. Some discolored sand (greenish-black).	H _{Nu} = 6 ppm Collected sample from 9-11'
11						H _{Nu} of cuttings = 4 ppm
						11'6" EOB Resistance due to bedrock
13						



PROJECT NUMBER GLO33316-A0.00	BORING NUMBER MSB10	SHEET 1	OF 1
SOIL BORING LOG			

PROJECT Mercury Marine Plant No 1 LOCATION Outside Bldg - NW Corner
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat. 22R, 4.25" HSA 3-inch split spoon
 WATER LEVELS _____ START 1/22/93 FINISH 1/22/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt. Concrete. Sand + Gravel fill.	HNU BG = 0.3 ppm
3	1-3		2		Clayey sand + Gravel (GC). Blackish brown. Moist. Very stiff. Bits of coal. Some thin wires. Silty Clay (CL). Brown + Lt. gray. Moist. Stiff. Some bits of coal. A few thin wires.	At about 1 ft depth, some copper wires in cutting + HNU = BG Sample collected from 1-3'
5	3-5		2		Same (CL). Some black discoloration in upper foot. A 3" silty sand lense (med-coarse) about 4" from tip. Some greenish-black discoloration of sand.	Collected sample from 3-5' HNU = BG
7	5-7		1.7		Same (CL). 2-inch rocks 1' from tip. Drier than above. Trace coarse sand. Trace stones. Trace orange mottling.	HNU = BG.
9	7-9		2		Same (CL). Trace gravel.	HNU = BG
11	9-11		1		Well-graded sand + gravel (SW). orangish-brown. Moist. Loose. Rock fragments in spoon tip. Same (SW). Three dk. rust horizontal bands	HNU = BG Collected sample from 9-11'
13	13-13.5		0		Pushed Shelby Tube.	Only recovered about 4". Tip of tube bent up. Wet, sand + gravel (SW) in tip. ▽ =
						13.5' EOB Hitting pretty competent bedrock at about 13.5 ft. stop drilling @ 1610 Will rock core on Monday



PROJECT NUMBER GLO 33316.AΦDΦ	BORING NUMBER MSB11 (mw-4) SHEET 1 OF 1
SOIL BORING LOG	

PROJECT Mercury Marine Plant No. 1 LOCATION SW Corner of bldg
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat-22R, 4.25" HSA, 3-inch split-spoon
 WATER LEVELS _____ START 1/25/93 FINISH 1/25/93 LOGGER L Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1					Asphalt - 6" Concrete - 6"	HNu BG = 0.3 ppm Start drilling @ 1352
3			1.5		Sandy silty clay (CL). Brown-Black. Moist. Stiff. Much black ashes. Some 1/6" gravel. Very fine silty sand (SM-SP). Brown. Moist. Trace black cinders. Some gravel. Much gravel in tip.	HNu = BG Collected sample + dupe from 1-3'
5					Pushed Shelby Tube	Silt and med-grained sand in tip.
7			1		Silty Clay, Lt. Brown. Moist. Medium	Collected sample from 5-7'
9			1.6		Silty, med. grained sand (SM-SP). Brown. Wet. Loose. Some greenish-black discoloration. Med-grained sand (SP). Brown. Wet. Loose. Trace gravel. Rocks in lower 3".	HNu = BG Some green discoloration of sand
11			2		Silty Clay (CL). Upper foot very moist with much sand. Some sand green. Lower foot drier and siltier. Two horizontal fractures. Some gravel throughout.	HNu = BG Collected sample + MS-MSD from 9-11'
13					Pushed sholby tube	Tried pushing sholby Tube from 11-13'. No recovery. Just rock in tip.
15			1.1		Rock. Lt. tan. Very weathered. Sandy gravel (GW). Gray. Wet. Loose. Rock fragments. Some sand is green.	HNu = BG Collected sample from 13-15' Resistance @ 15' L=1510



PROJECT NUMBER GL03316-Aφ.06	BORING NUMBER MSB12 (MW-5)	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT Mercury Marine Plant No. 1 LOCATION Near City well No. 3 (inside fence)
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat. 22R, 4.25" HSA, 3-inch split spoon
 WATER LEVELS _____ START 1/26/93 FINISH 1/26/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1		Blind Drilled			Topsoil	H _{Nu} BG = 0.25 ppm Start drilling @ 1333
3	1-3		1.5		Clayey SILT (ML). DK. brown. Moist. very dense. Much fine sand. Some fine roots in upper 8". Lower 6" has some gravel. Some horizontal fractures.	H _{Nu} = BG
5	3-5		2		Silty Clay (CL). DK brown - Black. Moist. stiff. 3'6" Silty Clay (CL). Lt. brown. slightly moist. Very stiff. Some gravel. Trace coarse sand. Trace orange mottling. Trace Lt. gray mottling.	H _{Nu} = BG About 8" from tip, some coarser black sand (green-black?) along side of sample.
7	5-7		1.5		Same (CL). A couple of 2" rocks in lower foot.	H _{Nu} = BG
9	7-9		1.7		Same (CL). Silt (ML). Lt. Brown. Moist. Dense. 2" coarse sand seam with 8'4" gravel at lower end - very moist. Silty Clay (CL). Lt. brown. Moist. Stiff much gravel. Some coarse sand.	H _{Nu} = BG 2" rock about 1.1 ft. from tip
11	9-11		1.7		Same (CL). slightly moist. Hard. Rock in tip Much orange mottling. Some black speckles.	H _{Nu} = BG.
13	11-13		0.2		Clay (CL). Lt. Brown. Very Moist. Medium. some silt Much gravel.	
15	13-15		2		Same (CL). Grades into a gray Clay. 13'6" Clay (CL). Gray. Dry. Hard. Some silt A couple of hairline horizontal fractures.	H _{Nu} = BG



SOIL BORING LOG

PROJECT _____ LOCATION Near city well No. 3 (inside fence)
 ELEVATION _____ DRILLING CONTRACTOR _____
 DRILLING METHOD AND EQUIPMENT _____
 WATER LEVELS _____ START 1/26/93 FINISH 1/26/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS	
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)		6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
17	15-17		1.5		Same (CL). Some horizontal hairline fractures. Somewhat siltier than above.		
17	17-19		1		Same (CL). Clay (CL). Gray. Moist. Very stiff. Some silt and sand. Much gravel. Some weathered rock fragments - (yellowish tan in color)	17' 3" HNU = BG A well-graded sand seam about 8" from tip - WET	
19	19-19.5		0.3		Sandy Clay (CL). Gray. Wet. Medium. Some gravel. Dolomite rocks in tip. EOB @ 19.5'	19.5' HNU = BG Met resistance @ 19.5' Stop drilling @ 14.55	



PROJECT NUMBER GL033316.A0.00 BORING NUMBER (mw-2) MSB6 SHEET 1 OF 3

ROCK CORE LOG

PROJECT Mercury Marine Plant No. 1 LOCATION East side of bldg.
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat - 22 R, Air Rotary ORIENTATION _____
 WATER LEVEL AND DATE _____ START 1/19/93 FINISH 1/20/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	CORE RUN, LENGTH, AND RECOVERY (%)	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS
		R Q D (%)	FRACTURES PER FOOT			
16					Unconsolidated, Gravel (up to 3" ϕ) Gray clay. Fine silty sands.	
17						
18						
19						
20						
21	10' / 10' = 100%	60			Dolomite. Lt. gray to Lt. tan. Fine-grained. Hard. Slightly weathered. Massive bedding.	
22						
23						
24						
25						
26						
27						
28						
29						
30						



PROJECT NUMBER

GLD 33316-A0.00

BORING NUMBER

MSB6

SHEET 2 OF 3

ROCK CORE LOG

PROJECT Mercury Marine Plant No. 1 LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____ ORIENTATION _____

WATER LEVEL AND DATE _____ START 1/19/93 FINISH 1/20/93 LOGGER _____

DEPTH BELOW SURFACE (FT)	CORE RUN, LENGTH, AND RECOVERY (%)	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS
		ROD (%)	FRACTURES PER FOOT			
31	10' 10'	80			Dolomite - Lt. gray. Fine-grained. Hard. Massive bedding.	
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	10' 10'	82			Dolomite. Lt. gray. fine-grained. Hard. Slightly weathered. Massive bedding.	
42						
43						
44						
45						



PROJECT NUMBER

GLO 33316-A0.00

BORING NUMBER

MSB6

SHEET 3 OF 3

ROCK CORE LOG

PROJECT Mercury Marine Plant No. 1 LOCATION _____

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT _____ ORIENTATION _____

WATER LEVEL AND DATE _____ START 1/19/93 FINISH 1/20/93 LOGGER _____

DEPTH BELOW SURFACE (FT)	CORE RUN LENGTH, AND RECOVERY (%)	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS	
		R Q D (%)	FRACTURES PER FOOT				DESCRIPTION
							DEPTH, TYPE, ORIENTATION, ROUGHNESS, PLANARITY, INFILLING MATERIAL AND THICKNESS, SURFACE STAINING, AND TIGHTNESS
46							
47							
48							
49							
50							
51	10/10' 91				Dolomite. Lt. gray. Fine-grained Hard. Moderate weathering. Massive bedding.		
52							
53							
54							
55							
56							
57							
58							
59							
60							

EOB @ 60'



PROJECT NUMBER GLO 33316-AΦ.ΦΦ	BORING NUMBER MSB7	SHEET 1 OF 1
--	------------------------------	----------------------------

ROCK CORE LOG

PROJECT Mercury Marine Plant No. 1 LOCATION West side of bldg.
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat-22R Air Rotary ORIENTATION _____
 WATER LEVEL AND DATE _____ START 1/22/93 FINISH 1/22/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	CORE RUN, LENGTH, AND RECOVERY (%)	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS	
		RQD (%)	FRACTURES PER FOOT				DESCRIPTION
							DEPTH, TYPE, ORIENTATION, ROUGHNESS, PLANARITY, INFILLING MATERIAL AND THICKNESS, SURFACE STAINING, AND TIGHTNESS
19	10' / 100%	50			Dolomite. Lt-gray. Slightly weathered/fresh. Fine-grained. Hard. Bedding Massive		
20			RQD = Poor. Some solution cavities. Fractures - 20°, 35°. Some secondary jointing @ 90°. Very little Fe Ox staining.				
21							
22							
23							
24							
25							
26							
27							
28							



PROJECT NUMBER

GLO 33316-A0.00

BORING NUMBER

MSB10

SHEET 1 OF 1

ROCK CORE LOG

PROJECT Mercury Marine Plant No. 1 LOCATION NW corner of bldg.
ELEVATION _____ DRILLING CONTRACTOR Layne - NW
DRILLING METHOD AND EQUIPMENT Brat-22R, Air Rotary ORIENTATION _____
WATER LEVEL AND DATE _____ START 1/25/93 FINISH 1/25/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	CORE RUN, LENGTH, AND RECOVERY (%)	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS	
		R O D (%)	FRACTURES PER FOOT				
		DESCRIPTION					
		DEPTH, TYPE, ORIENTATION, ROUGHNESS, PLANARITY, INFILLING MATERIAL AND THICKNESS, SURFACE STAINING, AND TIGHTNESS				SIZE AND DEPTH OF CASING, FLUID LOSS, CORING RATE AND SMOOTHNESS, CAVING ROD DROPS, TEST RESULTS, ETC.	
14.5	10' =100% 52						
15.5							
16.5							
17.5							
18.5							
19.5							
20.5							
21.5							
22.5							
23.5							



PROJECT NUMBER GLO 33316.AQ.00	BORING NUMBER MSB11 (mw-4)
SHEET 1 OF 1	
ROCK CORE LOG	

PROJECT Mercury Marine Plant No. 1 LOCATION SW corner of bldg.
 ELEVATION _____ DRILLING CONTRACTOR Layne - NW
 DRILLING METHOD AND EQUIPMENT Brat-22 R, Air Rotary ORIENTATION _____
 WATER LEVEL AND DATE _____ START 1/26/93 FINISH 1/26/93 LOGGER L. Peterson

DEPTH BELOW SURFACE (FT)	CORE RUN, LENGTH, AND RECOVERY (%)	R O D (%)	FRACTURES PER FOOT	DISCONTINUITIES		GRAPHIC LOG	LITHOLOGY	COMMENTS
				DESCRIPTION				
				DEPTH, TYPE, ORIENTATION, ROUGHNESS, PLANARITY, INFILLING MATERIAL AND THICKNESS, SURFACE STAINING, AND TIGHTNESS				
19	10' / 10' = 100%	57		RQD = Fair Fracturing - 0°, 90° A few vugs. Some FeOx staining.			Dolomite. Lt. gray. Fine grained Hard. Slightly weathered. Bedding - Massive.	
20								
21								
22								
23								
24								
25								
26								
27								
28								

ATTACHMENT 2
MONITORING WELL CONSTRUCTION
DEVELOPMENT FORMS

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477, 714</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring Number <u>2535, 376</u>	ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/13/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	<u>Layne - Northwest</u>

A. Protective pipe, top elevation <u>787.32</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>782.02</u> ft. MSL	2. Protective cover pipe: <u>Flush Mount</u>
C. Land surface elevation <u>787.4</u> ft. MSL	a. Inside diameter: <u>8.0</u> in.
D. Surface seal, bottom _____ ft. MSL or <u>4.0</u> ft.	b. Length: <u>1.0</u> ft.
2. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input checked="" type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
3. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 ____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 ____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 ____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>0.33</u> Ft ³ volume added for any of the above
Describe _____	How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis):	6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/>
Bentonite seal, top _____ ft. MSL or <u>NA</u> ft.	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; Fine sand; 0.2-0.3</u> Volume added <u>0.33</u> ft ³
Fine sand, top _____ ft. MSL or <u>6.0</u> ft.	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.16</u> ft ³
Filter pack, top _____ ft. MSL or <u>8.0</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
Well screen, top _____ ft. MSL or <u>10.0</u> ft.	10. Screen material: <u>same</u>
Well screen, bottom _____ ft. MSL or <u>15.0</u> ft.	Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
Filter pack, bottom _____ ft. MSL or <u>15.0</u> ft.	Manufacturer <u>Monoflex</u> Slot size: <u>0.010</u> in. Slotted length: <u>5.0</u> ft.
Borehole, bottom _____ ft. MSL or <u>15.0</u> ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Borehole, diameter <u>6.0</u> in.	
O.D. well casing <u>2.38</u> in.	
I.D. well casing <u>2.05</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Name Dawn Peterson Firm CHAM HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>		Well Name <u>MW-1</u>																																																										
License, Permit or Monitoring Number _____		Wis. Unique Well Number _____	DNR Well Number _____																																																									
<p>1. Can this well be purged dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Well development method</p> <table style="width:100%;"> <tr><td>surged with bailer and bailed</td><td><input checked="" type="checkbox"/></td><td>4 1</td></tr> <tr><td>surged with bailer and pumped</td><td><input type="checkbox"/></td><td>6 1</td></tr> <tr><td>surged with block and bailed</td><td><input type="checkbox"/></td><td>4 2</td></tr> <tr><td>surged with block and pumped</td><td><input type="checkbox"/></td><td>6 2</td></tr> <tr><td>surged with block, bailed and pumped</td><td><input type="checkbox"/></td><td>7 0</td></tr> <tr><td>compressed air</td><td><input type="checkbox"/></td><td>2 0</td></tr> <tr><td>bailed only</td><td><input type="checkbox"/></td><td>1 0</td></tr> <tr><td>pumped only</td><td><input type="checkbox"/></td><td>5 1</td></tr> <tr><td>pumped slowly</td><td><input type="checkbox"/></td><td>5 0</td></tr> <tr><td>Other _____</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td></tr> </table> <p>3. Time spent developing well <u>30</u> min.</p> <p>4. Depth of well (from top of well casing) <u>14.5</u> ft.</p> <p>5. Inside diameter of well <u>2.05</u> in.</p> <p>6. Volume of water in filter pack and well casing <u>2.1</u> gal.</p> <p>7. Volume of water removed from well <u>30.0</u> gal.</p> <p>8. Volume of water added (if any) <u>0.</u> gal.</p> <p>9. Source of water added _____</p> <p>10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)</p>		surged with bailer and bailed	<input checked="" type="checkbox"/>	4 1	surged with bailer and pumped	<input type="checkbox"/>	6 1	surged with block and bailed	<input type="checkbox"/>	4 2	surged with block and pumped	<input type="checkbox"/>	6 2	surged with block, bailed and pumped	<input type="checkbox"/>	7 0	compressed air	<input type="checkbox"/>	2 0	bailed only	<input type="checkbox"/>	1 0	pumped only	<input type="checkbox"/>	5 1	pumped slowly	<input type="checkbox"/>	5 0	Other _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Before Development</th> <th>After Development</th> </tr> </thead> <tbody> <tr> <td>11. Depth to Water (from top of well casing)</td> <td><u>10.05</u> ft.</td> <td><u>10.10</u> ft.</td> </tr> <tr> <td>Date</td> <td><u>01/26/93</u> m m d d y y</td> <td><u>01/26/93</u> m m d d y y</td> </tr> <tr> <td>Time</td> <td><u>7:30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.</td> <td><u>4:37</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td><u>1.5</u> inches</td> <td><u>0.5</u> inches</td> </tr> <tr> <td>13. Water clarity</td> <td>Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)</td> <td>Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)</td> </tr> <tr> <td colspan="3">Fill in if drilling fluids were used and well is at solid waste facility:</td> </tr> <tr> <td>14. Total suspended solids</td> <td>_____ mg/l</td> <td>_____ mg/l</td> </tr> <tr> <td>15. COD</td> <td>_____ mg/l</td> <td>_____ mg/l</td> </tr> </tbody> </table>			Before Development	After Development	11. Depth to Water (from top of well casing)	<u>10.05</u> ft.	<u>10.10</u> ft.	Date	<u>01/26/93</u> m m d d y y	<u>01/26/93</u> m m d d y y	Time	<u>7:30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>4:37</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	12. Sediment in well bottom	<u>1.5</u> inches	<u>0.5</u> inches	13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)	Fill in if drilling fluids were used and well is at solid waste facility:			14. Total suspended solids	_____ mg/l	_____ mg/l	15. COD	_____ mg/l	_____ mg/l
surged with bailer and bailed	<input checked="" type="checkbox"/>	4 1																																																										
surged with bailer and pumped	<input type="checkbox"/>	6 1																																																										
surged with block and bailed	<input type="checkbox"/>	4 2																																																										
surged with block and pumped	<input type="checkbox"/>	6 2																																																										
surged with block, bailed and pumped	<input type="checkbox"/>	7 0																																																										
compressed air	<input type="checkbox"/>	2 0																																																										
bailed only	<input type="checkbox"/>	1 0																																																										
pumped only	<input type="checkbox"/>	5 1																																																										
pumped slowly	<input type="checkbox"/>	5 0																																																										
Other _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>																																																										
	Before Development	After Development																																																										
11. Depth to Water (from top of well casing)	<u>10.05</u> ft.	<u>10.10</u> ft.																																																										
Date	<u>01/26/93</u> m m d d y y	<u>01/26/93</u> m m d d y y																																																										
Time	<u>7:30</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>4:37</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.																																																										
12. Sediment in well bottom	<u>1.5</u> inches	<u>0.5</u> inches																																																										
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)																																																										
Fill in if drilling fluids were used and well is at solid waste facility:																																																												
14. Total suspended solids	_____ mg/l	_____ mg/l																																																										
15. COD	_____ mg/l	_____ mg/l																																																										
Additional comments on development: _____																																																												

Well developed by: Person's Name and Firm		I hereby certify that the above information is true and correct to the best of my knowledge.	
Name: <u>Mike Santas</u>		Signature: <u>[Signature]</u>	
Firm: <u>Layne - Northwest</u>		Firm: <u>C Ham Hill</u>	

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477, 317</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-2</u>
Facility License, Permit or Monitoring Number <u>2,535,677</u>	<u>2,535,677</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number DNR Well Number
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/21/93</u> m m . d d . y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	<u>T 10 N, R 21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne-Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

A. Protective pipe, top elevation <u>786.52</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>786.27</u> ft. MSL	2. Protective cover pipe: <u>Flush Mount</u>
C. Land surface elevation <u>786.4</u> ft. MSL	a. Inside diameter: <u>8.0</u> in.
D. Surface seal, bottom <u>4.0</u> ft. MSL or	b. Length: <u>1.0</u> ft.
12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input checked="" type="checkbox"/> Bedrock	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
14. Drilling method used: Rotary <input checked="" type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input checked="" type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input type="checkbox"/> 99	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: Granular Bentonite <input type="checkbox"/> 33 Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 <u>9.4</u> Lbs/gal mud weight ... Bentonite slurry <input checked="" type="checkbox"/> 31 % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>5.71</u> Ft ³ volume added for any of the above
Describe _____	How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input checked="" type="checkbox"/> 02 Gravity <input type="checkbox"/> 08
17. Source of water (attach analysis): <u>Water tap inside building (west side)</u>	6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>Bentonite Chips (< 3/8")</u> Other <input checked="" type="checkbox"/>
E. Bentonite seal, top _____ ft. MSL or <u>38.5</u> ft.	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u>
F. Fine sand, top _____ ft. MSL or <u>41.0</u> ft.	Volume added <u>0.33</u> ft ³
G. Filter pack, top _____ ft. MSL or <u>43.0</u> ft.	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u>
H. Well screen, top _____ ft. MSL or <u>45.0</u> ft.	Volume added <u>2.81</u> ft ³
I. Well screen, bottom _____ ft. MSL or <u>60.0</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or <u>60.0</u> ft.	10. Screen material: <u>Same</u>
K. Borehole, bottom _____ ft. MSL or <u>60.0</u> ft.	Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
L. Borehole, diameter <u>6.0</u> in.	Manufacturer <u>Monoflex</u>
M. O.D. well casing <u>2.38</u> in.	Slot size: <u>0.010</u> in.
N. I.D. well casing <u>2.05</u> in.	Slotted length: <u>15.0</u> ft.
	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/>

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature Stan Peterson Firm CHAM HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with s. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-2</u>				
License, Permit or Monitoring Number _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">Wisconsin Well Number</td> <td style="width:50%; padding: 2px;">DNR Well Number</td> </tr> <tr> <td style="height: 20px;"> </td> <td style="height: 20px;"> </td> </tr> </table>	Wisconsin Well Number	DNR Well Number		
Wisconsin Well Number	DNR Well Number				

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 4 1
surged with bailer and pumped	<input checked="" type="checkbox"/> 6 1
surged with block and bailed	<input type="checkbox"/> 4 2
surged with block and pumped	<input type="checkbox"/> 6 2
surged with block, bailed and pumped	<input type="checkbox"/> 7 0
compressed air	<input type="checkbox"/> 2 0
bailed only	<input type="checkbox"/> 1 0
pumped only	<input type="checkbox"/> 5 1
pumped slowly	<input type="checkbox"/> 5 0
Other _____	<input type="checkbox"/>

3. Time spent developing well 45 min.

4. Depth of well (from top of well casing) 59.8 ft.

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 12.7 gal.

7. Volume of water removed from well 115.0 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>19.87</u> ft.	<u>20.60</u> ft.
Date	<u>01/26/93</u> m m d d y y	<u>01/26/93</u> m m d d y y
Time	<u>7:44</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>12:15</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>1.0</u> inches	<u>0.2</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Lt. brown</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Lt. brown</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Additional comments on development:

Borehole gained water during drilling of the last 10-15 feet. Driller blew out 70 gal. water following completion of drilling and prior to development.

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Gene</u>	Signature: <u>Gene Peterson</u>
Firm: <u>Layne - Northwest</u>	Firm: <u>CHam Hill</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Locality/Project Name <u>Mercury Marine</u>	Grid Location <u>477,005</u> ft. <input checked="" type="checkbox"/> N <input type="checkbox"/> S.	Well Name <u>MW-3</u>
Utility License, Permit or Monitoring Number <u>2,535,484</u>	<u>2,535,484</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>0115193</u> m m . d d y y
Distance Well Is From Waste/Source Boundary <u>unknown</u> ft.	T <u>10</u> N. R. <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne-Northwest</u>
Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

Protective pipe, top elevation 799.58 ft. MSL

Well casing, top elevation 799.18 ft. MSL

Land surface elevation 799.5 ft. MSL

Surface seal, bottom 4.0 ft. MSL or

USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

3. Sieve analysis attached? Yes No

Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis): _____

Bentonite seal, top _____ ft. MSL or NA ft.

Fine sand, top _____ ft. MSL or 26.0 ft.

Filter pack, top _____ ft. MSL or 28.0 ft.

Well screen, top _____ ft. MSL or 30.0 ft.

Well screen, bottom _____ ft. MSL or 35.0 ft.

Filter pack, bottom _____ ft. MSL or 35.0 ft.

Borehole, bottom _____ ft. MSL or 44.0 ft.

Borehole, diameter 6.0 in.

O.D. well casing 2.38 in.

I.D. well casing 2.05 in.

1. Cap and lock? Yes No

2. Protective cover pipe: Flush Mount

a. Inside diameter: 8.0 in.

b. Length: 1.0 ft.

c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal

5. Annular space seal: Chipped Granular Bentonite 33
____ Lbs/gal mud weight ... Bentonite-sand slurry 35
____ Lbs/gal mud weight ... Bentonite slurry 31
____ % Bentonite ... Bentonite-cement grout 50
3.64 Ft³ volume added for any of the above
How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal: Bentonite granules 33
 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
None Other

7. Fine sand material: Manufacturer, product name and mesh size
U.S. Silica; 0.2-0.3
Volume added 0.33 ft³

8. Filter pack material: Manufacturer, product name and mesh size
American Materials; 0.35-0.45
Volume added 1.16 ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: same
Screen type: Factory cut 11
Continuous slot 01
Other

Manufacturer MonoFlex
Slot size: 0.010 in.
Slotted length: 5.0 ft.

11. Backfill material (below filter pack): None
Bentonite chips Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Maurice Peterson Firm CHAM HILL

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-3</u>	
License, Permit or Monitoring Number -----	Wis. Unique Well Number	DNR Well Number
1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. Well development method surged with bailer and bailed <input checked="" type="checkbox"/> 4 1 surged with bailer and pumped <input type="checkbox"/> 6 1 surged with block and bailed <input type="checkbox"/> 4 2 surged with block and pumped <input type="checkbox"/> 6 2 surged with block, bailed and pumped <input type="checkbox"/> 7 0 compressed air <input type="checkbox"/> 2 0 bailed only <input type="checkbox"/> 1 0 pumped only <input type="checkbox"/> 5 1 pumped slowly <input type="checkbox"/> 5 0 Other <input type="checkbox"/> 	11. Depth to Water (from top of well casing) Before Development: <u>31.80</u> ft. After Development: <u>Purged dry</u> ft. Date: <u>01/27/93</u> m m d d y y 01/27/93 m m d d y y Time: <u>9:26</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m. <u>10:38</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	12. Sediment in well bottom: <u>1.2</u> inches <u>1.0</u> inches 13. Water clarity Clear <input type="checkbox"/> 10 Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 15 Turbid <input checked="" type="checkbox"/> 25 (Describe) (Describe)
3. Time spent developing well: <u>55</u> min. 4. Depth of well (from top of well casing): <u>34.6</u> ft. 5. Inside diameter of well: <u>2.05</u> in. 6. Volume of water in filter pack and well casing: <u>1.3</u> gal. 7. Volume of water removed from well: <u>2.0</u> gal. 8. Volume of water added (if any): <u>0.5</u> gal. 9. Source of water added: <u>store bought distilled water</u>	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended solids: _____ mg/l _____ mg/l 15. COD: _____ mg/l _____ mg/l	
10. Analysis performed on water added? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, attach results)		

Additional comments on development:

Well developed by: Person's Name and Firm Name: <u>Mike Santas</u> Firm: <u>Layne-Northwest</u>	I hereby certify that the above information is true and correct to the best of my knowledge. Signature: <u>[Signature]</u> Firm: <u>CH2M HILL</u>
---	---

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477,433</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-4</u>
Facility License, Permit or Monitoring Number _____	<u>2,535,317</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/26/93</u> m m . d d / y y
Distance Well Is From Waste/Source Boundary <u>Unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne-Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

A. Protective pipe, top elevation <u>786.06</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>785.84</u> ft. MSL	2. Protective cover pipe: <u>Flush mount</u> a. Inside diameter: <u>8.0</u> in. b. Length: <u>1.0</u> ft. c. Material: <u>Steel</u> <input checked="" type="checkbox"/> 04 <u>Other</u> <input type="checkbox"/> d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
C. Land surface elevation <u>785.9</u> ft. MSL	3. Surface seal: <u>Bentonite</u> <input type="checkbox"/> 30 <u>Concrete</u> <input checked="" type="checkbox"/> 01 <u>Other</u> <input type="checkbox"/>
D. Surface seal, bottom _____ ft. MSL or <u>2.0</u> ft.	4. Material between well casing and protective pipe: <u>Bentonite</u> <input type="checkbox"/> 30 <u>Annular space seal</u> <input checked="" type="checkbox"/> <u>Other</u> <input type="checkbox"/>
12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input checked="" type="checkbox"/> GW <input type="checkbox"/> SW <input checked="" type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock	5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 <u>Lbs/gal mud weight ... Bentonite-sand slurry</u> <input type="checkbox"/> 35 <u>Lbs/gal mud weight ... Bentonite slurry</u> <input type="checkbox"/> 31 <u>% Bentonite ... Bentonite-cement grout</u> <input type="checkbox"/> 50 <u>0.17</u> Ft ³ volume added for any of the above How installed: <u>Tremie</u> <input type="checkbox"/> 01 <u>Tremie pumped</u> <input type="checkbox"/> 02 <u>Gravity</u> <input checked="" type="checkbox"/> 08
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Bentonite seal: <u>Bentonite granules</u> <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> <u>Other</u> <input checked="" type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 <u>Other</u> <input type="checkbox"/>	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.17</u> ft ³
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.82</u> ft ³
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	9. Well casing: <u>Flush threaded PVC schedule 40</u> <input checked="" type="checkbox"/> 23 <u>Flush threaded PVC schedule 80</u> <input type="checkbox"/> 24 <u>Other</u> <input type="checkbox"/>
17. Source of water (attach analysis): _____	10. Screen material: <u>Same</u> Screen type: <u>Factory cut</u> <input checked="" type="checkbox"/> 11 <u>Continuous slot</u> <input type="checkbox"/> 01 <u>Other</u> <input type="checkbox"/> Manufacturer <u>MonoFlex</u> Slot size: <u>0.010</u> in. Slotted length: <u>10.0</u> ft.
E. Bentonite seal, top _____ ft. MSL or <u>NA</u> ft.	11. Backfill material (below filter pack): <u>None</u> <input checked="" type="checkbox"/> <u>Other</u> <input type="checkbox"/>
F. Fine sand, top _____ ft. MSL or <u>3.0</u> ft.	
G. Filter pack, top _____ ft. MSL or <u>4.0</u> ft.	
H. Well screen, top _____ ft. MSL or <u>5.0</u> ft.	
I. Well screen, bottom _____ ft. MSL or <u>15.0</u> ft.	
J. Filter pack, bottom _____ ft. MSL or <u>15.0</u> ft.	
K. Borehole, bottom _____ ft. MSL or <u>15.0</u> ft.	
L. Borehole, diameter <u>6.0</u> in.	
M. O.D. well casing <u>2.38</u> in.	
N. I.D. well casing <u>2.05</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [Signature] Firm: Cham Hill

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with s. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance

Facility/Project Name <u>Mercury Marine</u>		Well Name <u>MW-4</u>	
License, Permit or Monitoring Number 		Wis. Unique Well Number	DNR Well Number

1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Depth to Water (from top of well casing) Before Development: <u>7.73</u> ft After Development: <u>10.36</u> ft
2. Well development method surged with bailer and bailed <input checked="" type="checkbox"/> 4 1 surged with bailer and pumped <input type="checkbox"/> 6 1 surged with block and bailed <input type="checkbox"/> 4 2 surged with block and pumped <input type="checkbox"/> 6 2 surged with block, bailed and pumped <input type="checkbox"/> 7 0 compressed air <input type="checkbox"/> 2 0 bailed only <input type="checkbox"/> 1 0 pumped only <input type="checkbox"/> 5 1 pumped slowly <input type="checkbox"/> 5 0 Other _____ <input type="checkbox"/>	Date: <u>01/27/93</u> <small>m m d d y y</small> Time: <u>7:50</u> <input type="checkbox"/> a.m. <input type="checkbox"/> p.m. 12. Sediment in well bottom: <u>2.0</u> inches 13. Water clarity Clear <input type="checkbox"/> 10 Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 15 Turbid <input checked="" type="checkbox"/> 25 (Describe) _____ (Describe) _____
3. Time spent developing well <u>80</u> min.	Fill in if drilling fluids were used and well is at solid waste facility: 14. Total suspended solids _____ mg/l 15. COD _____ mg/l
4. Depth of well (from top of well casing) <u>14.6</u> ft.	
5. Inside diameter of well <u>2.05</u> in.	
6. Volume of water in filter pack and well casing <u>3.3</u> gal.	
7. Volume of water removed from well <u>20.0</u> gal.	
8. Volume of water added (if any) <u>0</u> gal.	
9. Source of water added _____	
10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)	

Additional comments on development:

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Mike Santas</u>	Signature: <u>[Signature]</u>
Firm: <u>Layne-Northwest</u>	Firm: <u>CHam Hill</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

Facility/Project Name <u>Mercury Marine</u>	Grid Location <u>477,680</u> ft. <input checked="" type="checkbox"/> N. <input type="checkbox"/> S.	Well Name <u>MW-5</u>
Facility License, Permit or Monitoring Number	<u>2,535,210</u> ft. <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.	Wis. Unique Well Number DNR Well Number
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location <u>NW 1/4 of SE 1/4 of Section 34</u>	Date Well Installed <u>01/27/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary <u>Unknown</u> ft.	T <u>10</u> N, R <u>21</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) <u>Vince Meindel</u> <u>Layne - Northwest</u>
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location of Well Relative to Waste/Source <input type="checkbox"/> Upgradient <input type="checkbox"/> Sidegradient <input type="checkbox"/> Downgradient <input checked="" type="checkbox"/> Not Known	

A. Protective pipe, top elevation <u>793.43</u> ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation <u>793.20</u> ft. MSL	2. Protective cover pipe: <u>Flush mount</u>
C. Land surface elevation <u>793.2</u> ft. MSL	a. Inside diameter: <u>8.0</u> in.
D. Surface seal, bottom <u>4.0</u> ft. MSL or	b. Length: <u>1.0</u> ft.
12. USCS classification of soil near screen: <input type="checkbox"/> GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input checked="" type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe:
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Annular space seal <input checked="" type="checkbox"/>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: <u>Chipped Granular Bentonite</u> <input checked="" type="checkbox"/> 33 Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 <u>1.24</u> Ft ³ volume added for any of the above
Describe	How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
17. Source of water (attach analysis):	6. Bentonite seal: Bentonite granules <input type="checkbox"/> 33 <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 <u>None</u> Other <input checked="" type="checkbox"/>
F. Bentonite seal, top <u>NA</u> ft. MSL or	7. Fine sand material: Manufacturer, product name and mesh size <u>U.S. Silica; 0.2-0.3</u> Volume added <u>0.17</u> ft ³
G. Fine sand, top <u>11.5</u> ft. MSL or	8. Filter pack material: Manufacturer, product name and mesh size <u>American Materials; 0.35-0.45</u> Volume added <u>1.16</u> ft ³
H. Filter pack, top <u>12.5</u> ft. MSL or	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
I. Well screen, top <u>14.5</u> ft. MSL or	10. Screen material: <u>Same</u>
J. Well screen, bottom <u>19.5</u> ft. MSL or	Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
K. Filter pack, bottom <u>19.5</u> ft. MSL or	Manufacturer <u>MonoFlex</u> Slot size: <u>0.010</u> in. Slotted length: <u>5.0</u> ft.
L. Borehole, bottom <u>19.5</u> ft. MSL or	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> Other <input type="checkbox"/>
M. Borehole, diameter <u>6.0</u> in.	
N. O.D. well casing <u>2.38</u> in.	
O. I.D. well casing <u>2.05</u> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Tom Peterson Firm: CHam HILL

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5,000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation.

Facility/Project Name <u>Mercury Marine</u>	Well Name <u>MW-5</u>
License, Permit or Monitoring Number _____	Wis. Unique Well Number _____
DNR Well Number _____	

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input checked="" type="checkbox"/>	4 1
surged with bailer and pumped	<input type="checkbox"/>	6 1
surged with block and bailed	<input type="checkbox"/>	4 2
surged with block and pumped	<input type="checkbox"/>	6 2
surged with block, bailed and pumped	<input type="checkbox"/>	7 0
compressed air	<input type="checkbox"/>	2 0
bailed only	<input type="checkbox"/>	1 0
pumped only	<input type="checkbox"/>	5 1
pumped slowly	<input type="checkbox"/>	5 0
Other _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3. Time spent developing well 30 min.

4. Depth of well (from top of well casing) 19.2 ft

5. Inside diameter of well 2.05 in.

6. Volume of water in filter pack and well casing 1.7 gal.

7. Volume of water removed from well 20.0 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	<u>15.67</u> ft	<u>15.42</u> ft
Date	<u>01/27/93</u> m m d d y y	<u>01/27/93</u> m m d d y y
Time	<u>11:05</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>11:45</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u>2.1</u> inches	<u>1.0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Additional comments on development:

Well developed by: Person's Name and Firm	I hereby certify that the above information is true and correct to the best of my knowledge.
Name: <u>Mike Santas</u>	Signature: <u>Layne Peterson</u>
Firm: <u>Layne - Northwest</u>	Firm: <u>CH2M HILL</u>

NOTE: Shaded areas are for DNR use only. See instructions for more information.

ATTACHMENT 3
FIELD NOTES

1/13/93

1040- Drillers setting up @ MSB1.

1054- Begin drilling @ MSB7.

1158- Augers meeting a lot of resistance at MSB7 at depth of 5-7 ft. Cuttings look like weathered bedrock. Will try driving spoon from 7 to 9 ft.

1214 - Couldn't drive spoon more a few inches. Hit bedrock. Will break for lunch. No water in hole. May want to abandon hole.

1300- Back on site. Drillers will move over to ~~MSB7~~ MSB2. If we encounter water at ~~MSB7~~ MSB2, will abandon MSB1. If not, will drill MSB1 deeper into bedrock until water encountered? Or perhaps move location of MSB1?

1/13/93

Drillers preparing to move over p-2 to MSB2

1330- Drillers unloading supplies from truck

1349- Begin boring @ MSB2.

1510- Complete augering @ MSB2. W.T. @ 11 ft. bedrock @ 15.5 ft.

Drillers decommissioning 4-ft. well point

1536 - 11.2 ft. water in auger
5 well # = 3.8 gal

1540- begin purging MSB2.
Purged dry 3 times.
Purged total of 15 gal.

1550- Sample MSB2.
Sample No: M&W11.

1/13/93

Field Parameters - MW1

T(°C) 10.5
Cond(µmhos) 900
pH 7.0

1600 - Drillers pulling augers @ MSB2.
1615 - Installing 5 ft screen and PVC riser at MSB2. Will call well MW-1.

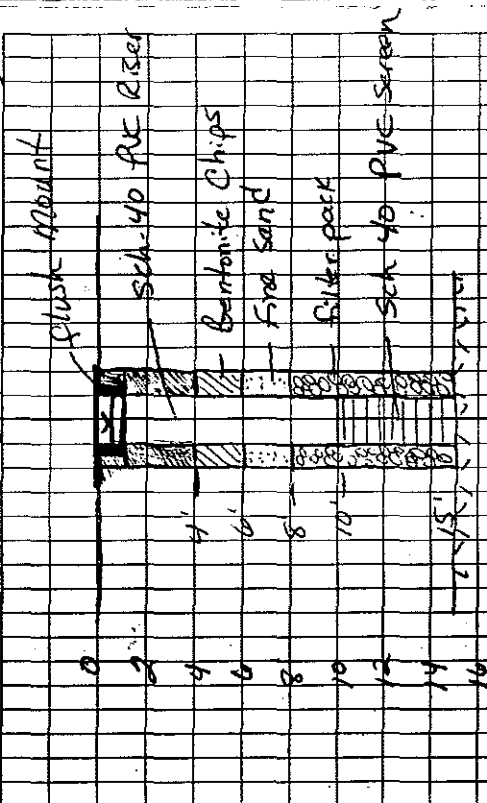
Abandon MSB1. Used 3 bags chips.

1636 - Complete installing MW-1.
Aaron Petri drops samples off @ lab.

1700 - LP & drillers leave site.

~~Patena~~
A

MW-1 Construction Details (MSB2)



Filter pack - 2 bags
Fine sand - 1 bag
Bentonite - 2 bags

Filter Pack - Southern Products & Silica Co.
Bentonite Chips - American Colloids
Volcay Chips

1/14/93

0700 - LP arrives on site.
Drillers ~~beginning~~ preparing to
augers.

07:18 Calibrate HNU ~~to~~ 100 ppm
ISO BUTYLENE, 5.5 at approx
9.0.

0800 - Driller completing ~~the~~ MW-1.
Drillers decapping augers.

0912 - Drillers move over to MSB3 on
east side of bldg.

0931 - Begin boring @ MSB3.

10:30 - Meet w/ Sharon Shaver from the
WDNR. Shaver ^{met} ~~met~~ completion.
Although flush mount sunk into asphalt
a fraction of an inch and some
ponding of water is occurring,
Sharon says important thing is
thickness of seal. Two feet of
chips is great - Meets code.

6

1/14/93

1040 - Drillers hit bedrock @ depth
of 10 1/2 ft @ MSB3. Will
leave hole open for now and move
over to MSB4. The soil as
MSB3 is moist, but no water
to speak of.

1100 - Drillers move over to MSB4.

1115 - Break for lunch.

1145 - Back on site.

1150 - Begin boring @ MSB4.

1315 - Hit bedrock @ 15' @ MSB4.

1320 - LP goes to make phone call.

1345 - LP back on site. Drillers will move
over to MSB5 in south parking
lot. Will leave MSB3 and MSB4
open overnight to see if they
produce water.

7

1/14/93

1413 - Drillers moving over to decon pad to decon augers.

1448 - Move over to MSBS in south parking lot.

1500 - Begin drilling @ MSBS.

1655 - Complete drilling @ MSBS for the day. At depth of 23 ft. No bedrock yet.

1700 - LP + drillers leave site.

~~J.D. Peterson~~

8

1/15/93

0650 - LP arrives on site.
Jett Lamont (JL) here today.

0720 - Move over to MSBS to complete boring.

HWL Calibration
51 ppm @ span = 8.6

1015 - Complete boring @ MSBS.
Augered to 44 ft. Hit weathered bedrock.

1045 - Collect + GW grab from MSBS - M&W.

* pH = 7 Temp = 10.5°C Cond = 850 μ mhos
Also collected duplicate - MSB2-FR

1100 - Hydraulic hose broke on rig.
Downtime.

Well @ MW-6 is 10.54' BGS

Well depth = 26.12

* MW-6 has no flush mount cover.
Well cap unlocked.

HWL well casing pegged 4 ppm.

9

1/15/93

1130 - LP & JL break for lunch.
Make some phone calls.

1255 back on site.

Drillers preparing to install
monitoring well
~~precursor~~ @ MSBS. (mw-3)
Will screen from 30-35'.

1305 - Take W.L. @ P-6.
W.L. @ 32' Bos

1410 - Precision Analytical courier picks
up MSW2 samples.

1455 - Complete installing chips @ MW-3
Pulling away rig to decom pad.
Preparing to complete P12 @ MW-3.

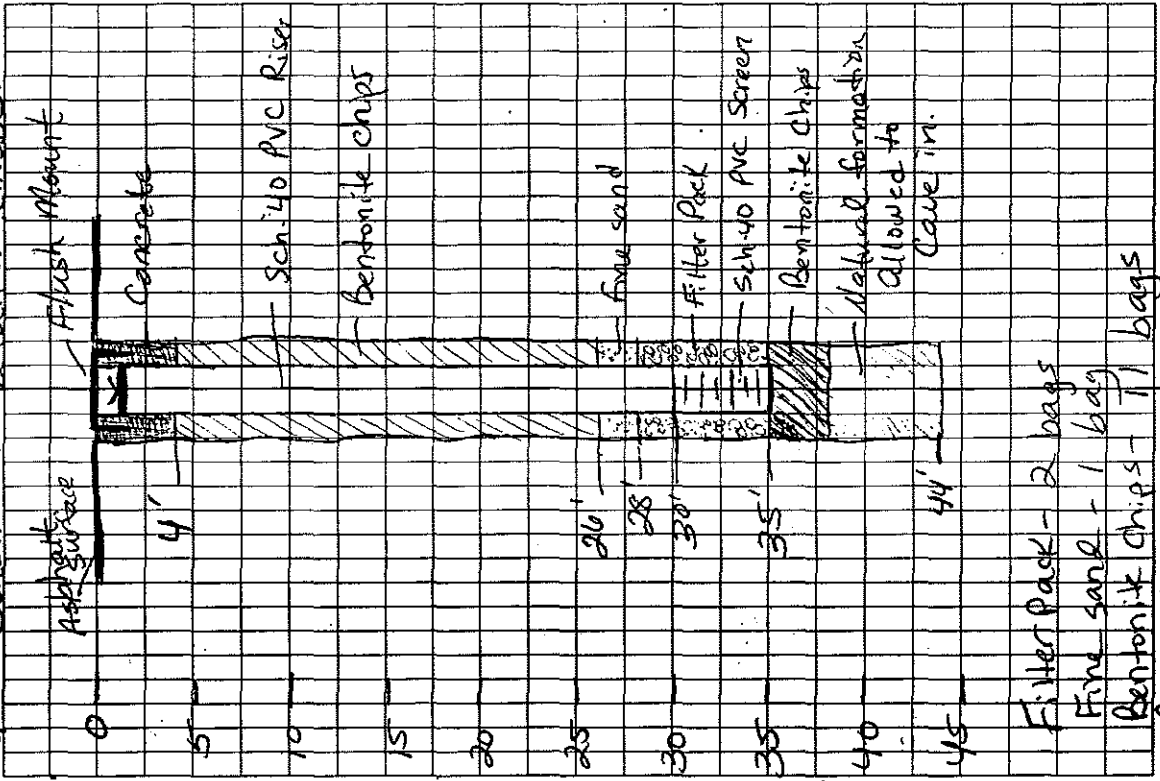
Clean water added to ^{mw-3} ~~the~~ during
well installation. Added
about 100 gal. water.

1510 - Jeff leaves site.

10

MW-3

Construction Details. (MSBS)



11

1/15/93

1545 - Complete ~~the~~ MW-3.
Drillers decommissioning rig.

1633 - Drillers moving over to MSBY
to set up for rock drilling.
Will continue down hole
already started @ MSBY.

1648 - leave site

~~Plaster
C.J.~~

1/18/93

0655 - AP arrives on site.
Jeff Lambert arrives shortly
after.

MW Calibration:

MW = 52.5 ppm @ Span = 8.1
Used 100 ppm Isobutylene

0740 - Drillers setting up @ MSBY
to drill bedrock boring.

Can't drill deeper @ MSBY
because not enough room to
maneuver equipment. So,
moved north of MSBY about
20 ft.

0755 - Drillers go fill up tank with
water.

0845 - Auger down to 15 ft @
MSBY. Setting up rig
for bedrock boring.

1/18/93

1030 - Drillers having some problems getting rig changed over for bedrock drilling.

1140 - Break for lunch. Should be ready to start drilling afterwards.

1210 - Back on site.

1225 - Begin setting casing in hole @ MSB6. Will set casing a few feet into rock. Will then go back down with drill bit.

1250 - Hose is leaking.

1300 - Vince is going to call about getting new hose brought out.

1415 - "New" hose arrives.

1425 - Begin drilling @ MSB6

14

1/18/93

1540 - SB74 haven't reached bedrock. Raising SB74 has some muck in it. Finishing it out.

1545 - Changing pit. Burned out other.

1605 - Bit changed. Begin drilling.

1615 - Not moving @ all through rock. At bedrock, but bit not advancing. Plugged? Chased up?

1630 - Bit worn down. Will call it a day. Dr. Uels will bring stronger bits from shop tomorrow.

1700 - Drillers + LP leave site.

~~AD Pitman~~

15

1/19/93

0700 - LP & drillers arrive on site.

0715 - Drillers getting water.

0830 - Setting up @ rig to continue boring @ MSBL.

0845 - Begin drilling

0905 - Thing still aren't working right. Pull out bit and casing.

0930 - Put bit back down hole.

No casing ^{as} hole staying open. Begin drilling again.

0937 - HNu Calibration using

100 ppm Isobutylene

HNu = 53 ppm @ span = 8.5

1050 - Driller has brought up a couple of feet of weathered rock and clay.

16

1/19/93

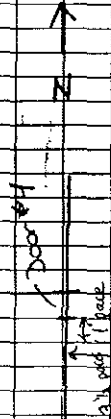
1040 - Sharon Shaver stops by. Says it would be a good idea to fill out bore hole abandonment forms for sol holes. We don't know where this investigation might go.

1110 - Took HNu reading of ~~dry~~ ^{silty} sand lens in rock core (approx. depth of 1/2 ft). Slight deflection of needle (0.5 - 1 ppm above BS).

1200 - Break for lunch.

1230 - Back on site.

Drillers are going to get something from the shop that can cut thru the weathered bedrock. Will spend the rest of the day developing wells & showing drawings.



m-583

17

1/19/93

1430 - Drillers still moving drums.

^{MW-3}
Tried developing ~~the~~ Only got
about 1 gal out. Will try
again tomorrow.

L.P. leaves site. Vince thought
they'd be done in about an hour.

~~Return~~
F

1/20/93

0700 - 1A + drillers onsite.

0745 - Drillers ~~have~~ ^{fitting} ~~back~~ ^{back} with
water and are moving over to
MSB6.

* Took MW-4 @ MW-6 @ 0730.
W-4 = 10.64' BES

0805 - W-1 @ ^{MW-3} ~~MSB~~ = 32.55' from TOC
T.D. = 34.6' from TOC

0823 - Moving water truck over to
MSB6

0838 - Begin drilling @ MSB6

0845 - Drill crew arrives for inside
beams. Setting up. Waiting for
generator.

0925 - At MSB6, crew advanced casing
to 20 ft. to get out of
unweathered bedrock to competent rock

1/20/93

Drillers are now coming from 20 to 30 ft.

Note: From 15 to 20 ft, encountered weathered rock, gray clay, silt, and silty sand.

0950 - Obtained 10' core (20-30' BES).

Other drill crew set up inside bldg. Still waiting for generator to arrive.

1018 - Have cored from 30 - ~~35~~⁴⁰ ft. This 10' core not as fractured as 20-30 ft core.

Generator has arrived.

1135 - Bedrock crew breaks for lunch.

At depth of 60 ft.

Not highly fractured.

Blew out hole twice. Am

Monitoring well.

20

1/20/93

1155 - Well came up about 14' in one-half hour @ MSB8.

1205 - Pk well is 34.55 BES

Mark a foot (inside crew) go get something to eat.

1225 - Bedrock crew will blow center out of MSB8 one more time.

Inside crew drilling through 2nd layer of concrete @ MSB8. (South end of bldg)

1238 - Thru concrete @ MSB8. Begin augering.

1242 - Haul Bldg @ MSB8 = 0.35 ppm.

At depth of 2 feet below floor surface (Drilled thru concrete fill when more concrete - site of former pit)

21

1/20/93

1305 - Collected soil sample @ MS88 from 2-4 ft. (fine sand)

1325 - Ann (heads) of MS88-SS-2-4 = BG

1344 - Augering to 8 ft. @ MS88. Have collected soil sample from 4-6 ft. (silty clay)

(Will try to drive Shelby from 8-10')

1410 - Ann of MS85-4-6 = BG

Couldnt collect Shelby from 8-10'. Too much resistance.

1415 - Collected soil sample - MS88-SS-8-10.

1500 - Collect ~~soil~~ water sample from MS86.

Called MEWD3.

Also collected MS-MSD.

1515 - Inside rig having trouble augering thru weathered bedrock. Still at 10 feet.

22

1/20/93

1540 - Precision Analytical Courier picks up samples. Samples submitted:

MEWD3

MSW03-MS/MSD } MS86

MS88-SS-8-10

MS88-SS-10-12

1545 - MS86 Geo Parameters

OH = 7 (pt paper)

Cond = 850 μ mhos (cond meter may have short in cord)

1600 - Driving spoon from 12-14 ft. @ MS88.

1625 - Hit bedrock @ 13' 3" @ MS88

1632 - Inside crew leaves site

1655 - Drillers \downarrow LP leave site

~~Post =~~

23

1/21/93

0710 - LP arrives on site.

0745 - Inside crew moving over to MSB9 at north end of bldg. Thought we might drill through Manhole adjacent to site of degreaser, but a Scot employee thinks it's a cistern with a bottom used as a settling tank.

Other drill crew preparing to ream back down @ MSB8 to enlarge hole to 6" diameter before setting well.

0814 - HNu Calibration

HNu = 52 ppm Span = 7.9

Calibration gas is 100 ppm isobutylene

0824 - Start drilling @ MSB9.

HNu BG = 0.1 ppm

0851 - HNu breathing zone (BZ) end of

Cuttings = BG.

24

1/21/93

0900 - Flashed Shelby tube from 3-5 ft. Only recovered about 4 inches. CWT drive spoon in same interval.

Other drill crew @ MSB8 has drilled down to about 3 feet below ground surface.

0905 - No recovery in 3-5' spoon. Hit rock. Will try augering through rock.

0913 - Driller not making headway. At depth of 3 1/2 ft. Doesn't feel 1/2" rock. Another concrete floor?

0925 - Pulled augers. Drove spoon a bit. Must be a big rock. Will try again to drill through it.

0943 - Can't advance augers. Sounds like rock or concrete. Augers brought up 1-2" angular rocks.

25

1/21/93

1028- Will abandon MSB9 where we were currently at and move to a spot about 5 ft. south of the manhole. Crew is renting a concrete cutter here in Cedarburg.

Crew @ MSB6 down to 50+ feet.

1100- At MSB6, crew has reamed down to 60 ft. Are flushing out hole in preparation for setting well. Will call well MW-2.

1125- Concrete cutter arrives.

1200- Begin drilling at ~~new~~ new MSB9 location.

1235- Tried pushing Shelby tube from 5-7 ft. Too much resistance.

1300- other crew preparing to clean screen & set for MW-2.

26

1/21/93

1415- Angered to 11.5' @ MSB9. Met resistance. Back.

1430- Collect one grab sample - MSB9 - G.W. - 6-11.

there's about 2' water in hole

1430- Collected gw grab from MSB9

4 Samples Submitted to Lab on 1/21/93
MSB9 - G.W. - 6-11
MSB9 - SS - 3-5
MSB9 - SS - 9-11

1500- Drillers have set well @ MSB6. Cleaning up.

Indoors crew cleaning up. Will greet holes tomorrow Am.

1515- Courier Arrives from lab

1555- W.L. @ MW-2 = 10.53' BGS

27

1/21/93

1600 - W.L. @ ~~1610~~ MW-3 = 32.34' from TOC

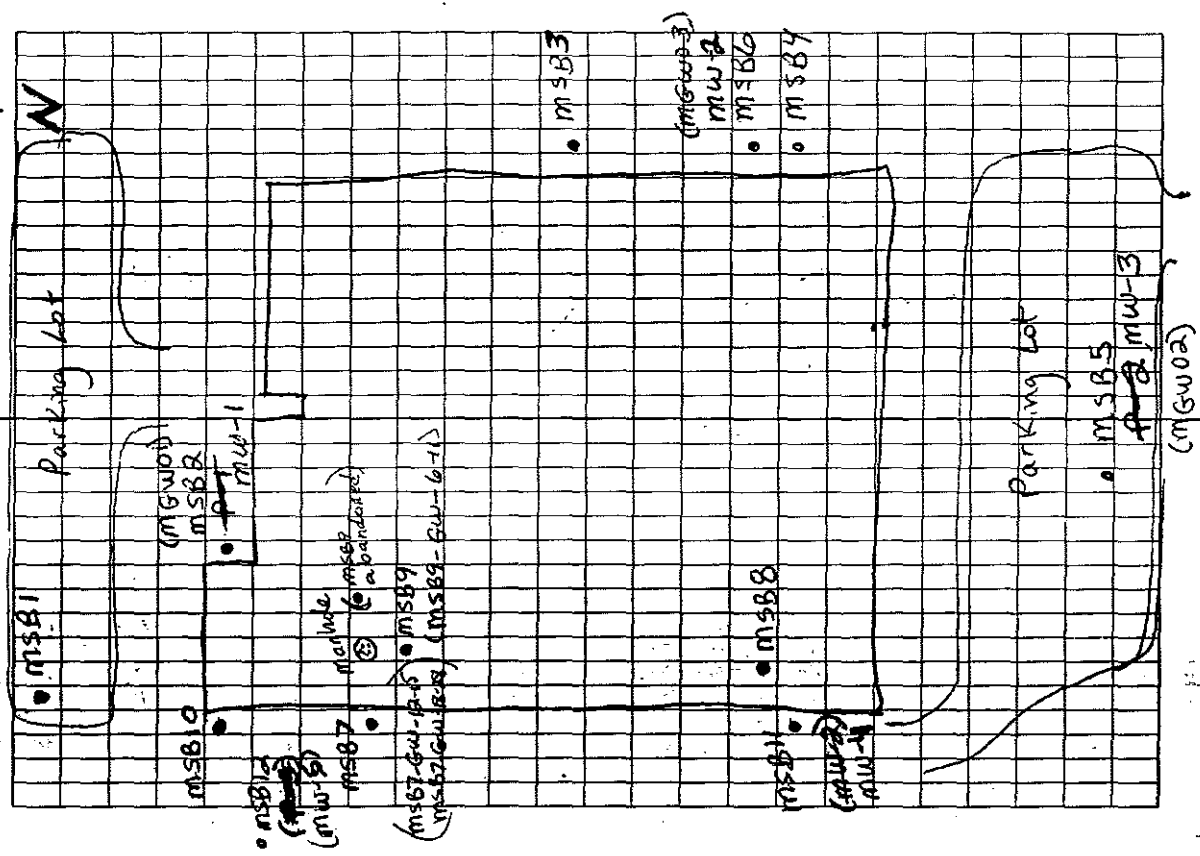
1610 - W.L. at ~~1610~~ MW-1 = 10.18' from TOC

Total well depth = 15.6' from TOC.

Droiler decommission augers.

1700 - leave site.

Handwritten signature



1/22/93

0700 - LP & trailers arrive on site.

0710 - Drillers prepare to move rig to MSB7 alongside bldg. (west side)

0808 - Begin drilling @ MSB7

0815. Ann. Calibration

H₂O = 52 ppm @ Span = 8.5

Cal. Gas is 100 ppm Esobutylane

Chem Hill Equip #2291

Other crew (Scott & Mark) arrive.

to grout two inside borings.

(Inside boring to 3 1/2 ft. filled

w/ chips & topped with concrete)

0837. Pushed Shelby tube from 3-5 ft.

@ MSB7. Full tube. Silty clay

in top of tube.

0905 - Pushed Shelby from 9-11 ft.

(In gravel - sand unit)

30

1/22/93.

0915 - Dennis Hrbt. from Cedarburg

water stopped out. OK to

install well on their property

by CW-3.

0940 - To bedrock @ MSB7 (depth 16')

will drive well point and

collect Gw grab - MSB7-GW-

0955 - LP goes to make phone call

1015 - Well point @ 1143'. Only 1/2'

water. Will drive point deeper

1028 - Well point @ 12-15'.

1.8 ft water

3 Well # = 3.5 gal

1638 - Purged 1/2 gal or so from

point. Purged dry. Will let

sit awhile.

1100 - Only filled 3 VOA vials @ MSB7

Purged dry. Well point may be getting

plugged up w/ silt.

31

1/22/93

- 1105- Will core in to bedrock @ MSB7 for 10 feet.
- 1130- Begin reaming down to competent bedrock @ MSB7.
- Collected Field Blank (MFB01) as part of QC for western soil borings.
- 1205- Break for lunch.
- 1225- LP back on site.
Drillers still on break.
- 1255- Begin bedrock coring @ MSB7.
Will start coring @ 18 ft.
(Driller first returned thru weathered rock from 16-18')
- 1328- Collected rock core from 18-28'.
- 1340- About 5 ft. of water in MSB7.
Will collect 600 sample.

32

1/22/93

- 1400- Collected 600 grab from MSB7. (MSB7-600-18-28).
Also collected duplicate.
- * Note: W.L. about 11 ft BGS.
- 1437- Moving over to MSB10 (NW corner of bldg (outside))
- 1454- Begin drilling @ MSB10
- 1610- Stop @ 13.5 feet @ MSB10.
Sounds like pretty competent rock. Augers not budging.
About 0.2 ft. water in hole.
Will let augers sit in hole over the weekend to see if I get more water in there.
- 1620- Courses from Precision Analytical picks up samples.
- 1640- Leave site

~~33~~
P. P. P.

33

1/23/93

0700 - Arrive on site.

0710 - No water in borehole MSB10.
Crew preparing to core into bedrock.

Note: Samples sent on 1/22/93:

MSB7-3-5 Shelby Tube

MSB7-9-11 Shelby Tube

MSB7-SS-5-6

MSB7-SS-6-7

MSB7-SS-7-9

MSB7-GW-12-15 (NOFs only)

MSB7-GW-18-22 (Also duplicate)

MSB10-SS-1-3

MSB10-SS-3-5

MSB10-SS-9-11

Field blank - MFBØ1

Trip blank - BLKØ5

0900 - Begin setting casing @ MSB10

0957 - Begin coring at MSB10-

34

1/25/93

1030 - Thru casing. Obtained
core from 13.5 - 23.5 ft.

1040 - will blow out hole 3 times
before collecting grab sample.

1045 - Air compressor not working.

1108 - Compressor working

1120 - Blow out borehole 3 times.

Collected GW sample:

MSB10-GW-13-23.

Also collected MS-MSD.

Field parameters: pH = 7 (pH paper)

1136 - Drillers break for lunch.

1150 - 24 breaks for lunch.

1209 - Drillers begin pulling casing.
@ MSB10

35

1/25/93

1335 - Drillers setting up @ MSB11 - SW corner of bldg.

1352 - Begin boring @ MSB11.

1510 - Drilled to 15' @ MSB11. Weathered rock @ 13'.

Will collect Gw grab from 12-15'.
Note - Water gray + like a milkshake.

1600 - Collect gw grab from MSB11. (Purged approx 1.5 gal)

Drillers setting up for rock casing

1625 - PAL courier picks up samples:

BLKplc

MSB11-GW-12-15

MSB11-SS-1-3

MSB11-SSD-1-3 (duplicate)

MSB11-SS-5-7

MSB11-SS-9-11 (MS-MSD also)

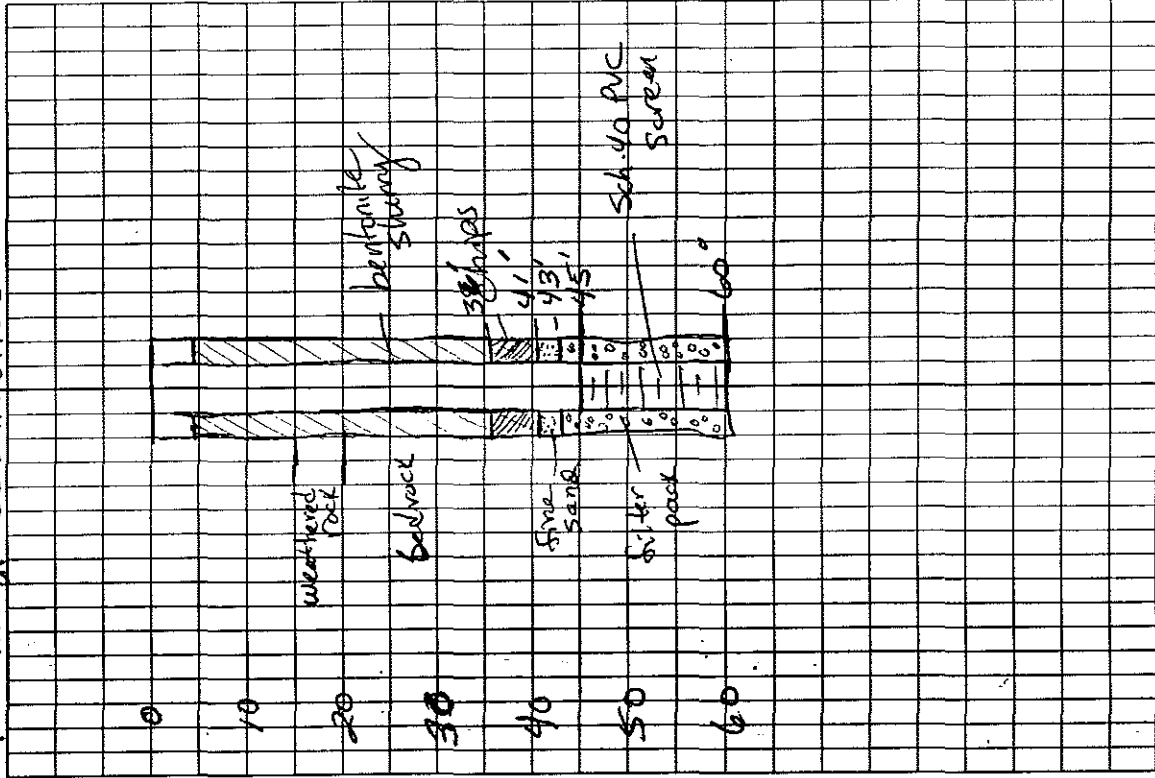
MSB11-SS-~~13-15~~ 13-15

MSB10-GW-13-23 (MS-MSD also)

MSB11-SS-3-5 (Shelby Tube)

36

(MSB6)
MW7 Construction Details



37

1/25/93

Field Parameters for Gw grab
MSB1-GW-12-15 @ 1640:

pH = 7 (pH paper)
Cond = 295 μ mhos *

* Cond. meter won't calibrate.

1650 - LP leaves site

~~Photo~~

1/26/93

0700 - LP arrives on site.

0721 - W.L. @ P.2 = 31.84
below TOC

Well depth below TOC time
(MSB) ~~MSB~~ MW-3 31.84 * 0721

MW-6 10.20 0729

P-6 33.63 0731

(MSB) ~~MSB~~ MW-1 10.05 * 0739

(MSB) ~~MSB~~ MW-2 ~ 19.37 (BGS) 0744

* Wells have not yet been developed.

0800 - Vince & Gene arrive w/ part for r.g.

Prepare to core @ MSB11.

0950 - Complete core @ MSB11
Interval from 18'-28'

1000 - Collect Gw grab from MSB11

1/26/93

1018 - LP goes to make phone call.
Drillers on break.

1040 - LP back on site. Vince + Gene
setting BK pump in MW-2.

Will set well @ MSB11 from
5-15 ft. (MW-4)

1109 - Plugged core @ MSB11 w/ chips
and capped with some sand.
Decomped screen + riser. Now
installing screen + riser in hole.

Gene developing MW-2 (MSB6)

1145 - Then developing MW-2
Purged 45 gal. water turbid.
Lt. brown.

Note: Bob said no fluid lost during
drilling of MSB6. Vince said lost
10-15 feet he had pump off - hole
gaining water. Vince pumped out
50-70 gal.

40

1/26/93

1148 Collected sample from
MSB6 drummed water -
3 VOA vials. (DRI-MSB6)

Note - Sampled drums will be
marked with a "✓".

1200 - Complete setting well @ MSB11.
Pulling augers

1220 - Drillers having lunch. Me too!

CW-1 @ MW-2 @ 1244 hrs ~ 20' BGS

1245 - Drillers preparing to move over
to MSB12 by City Well #3.
Filling truck w/ water

Mike Santos arrives from Layre
to complete + develop wells.

1310 - Moving over to MSB12

41

1/26/93

1328 - HNW Calibration

HNW = 51.5 ppm @ Span = 8.5
Calibration Gas = 100 ppm isobutylene

1333 - Start drilling @ MSB12

1455 - Complete drilling @ MSB12

Depth = 19.5 ft.
About 1.8 ft. water in hole.

1503 - Purged MSB12 dry. Letting it recover.

1600 - Not getting water out of screen @ MSB12 (although bailer is wet) will let sit overnight.

1605 - PAL courier picks up samples:

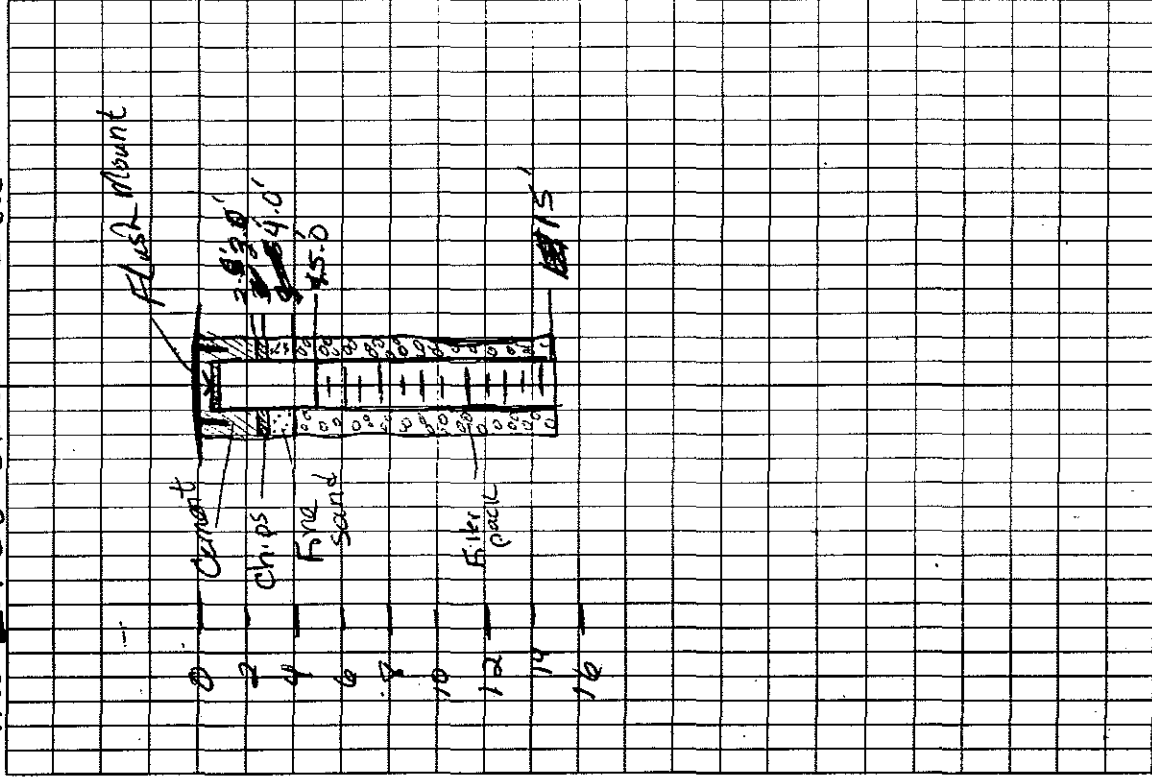
MSB11-GW-18-28

DR2-MSB6 (VORs only)

BLK 67

1610 - Begin developing ^{MSB11} MSB12 (MSB2)

CMSB11 MW-24 Construction Details



1/26/93

1 1637 - Complete developing ^{MW-1} ~~pit~~
Purged 30 gal.
Turbid - Lt. brown
W.L. = 10.10' below TOC
Following development.

44

1/27/93

0700 - Arrive C.S.A.
0715 - Sample MSB12.
Collected Field Blank
after decontaminating bailer.
*Note: About 4-5 feet water in
Screen this Am Turbid
Lt. gray in color.
0750 - MW-~~4~~ (MSB11) W.L. is
7.73', below TOC prior
to development.
Total depth of well is 14.4'.
2 inches sediment on bottom.
0810 - Begin developing MW-4.
0820 - Installing screen and riser at
MSB12 (MSB12) (MW-5)
0900 - Thru installing well ^{MW-5} @ MSB12.
Cleaning up area.

45

1/27/93

0910 - Still developing MW-4. Letting it recover now + then as the W.L. drops down. Have purged about 12 gal so far.

MW-3
0926 - W.L. @ ~~31.8~~ = 31.8' below TOC. Well depth = 34.8' from TOC. This is prior to development.

0929 - Complete developing MW-4
W.L. = 10.36' from TOC
Purged about 20 gal.

0945 - Begin developing ~~MW-3~~ (MSB5)
1000 - Completing ~~MW-3~~ (MSB12)

1014 - Only purged about 0.5 gal from MW-3 ~~so far~~. Added 1/2 gal DI water to help surge well.

1038 - ~~MW-3~~ Thru developing ~~MW-3~~. Only purged about 1.5 gal. Purged dry.

MW-5
1105 - W.L. @ ~~15.67~~ prior to development is 15.67'. Below TOC. Well depth is 19.2'.

1/27/93

1110 - Begin developing ~~MW-5~~ MW-5. (Surge + bail)

1140 - Complete developing ~~MW-5~~ MW-5. Purged 20 gal.

1145 - W.L. ~~development~~ following development is 15.12'.

Drillers loading up and cleaning up area.

1210 - Scot employee moving drums inside to throw out.

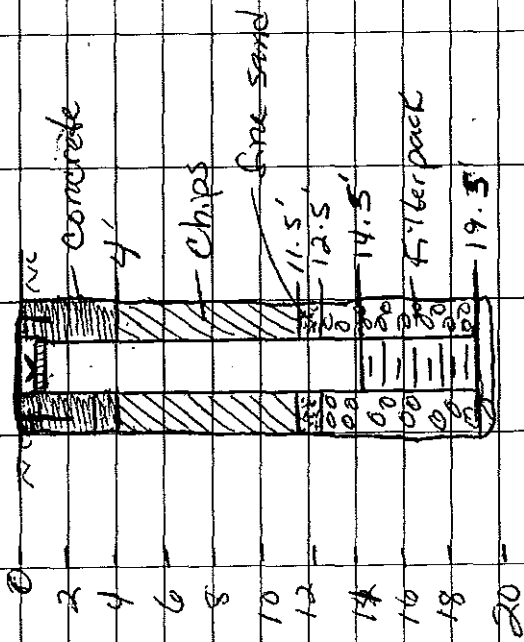
1245 - LP leaves site to bring samples to PAL.

1410 - Deliver samples to PAL. MSB12-Sub-14-19 MF662 (Shield blank)

~~J.D. Potter~~

cms812)

MWB-3 Construction Details



2/2/93

0710 - AP and AP (Aaron Petri) arrive on site to sample drummed cuttings & water.

0740 - Collect composite soil sample from 5 drums selected by 'drums' MSB7

MSB8 } 6 drums total

MSB9 } Sample no.

MSB10 } MDR 1-SS

MSB11 } MSB11

0900 - Complete sampling drummed water. Sampled 10 drums - sample nos: MDR2-GW to MDR11-GW. (Total 2 drums that are spill + water mixed)

0945 - Waiting for Dan Chatfield/Cham Hill to return with tripod for surveying. Dan & Aaron will survey in wells and borings.

2/2/93

Water Levels:

Well No.	Depth (from Top)	Time
MW-1 (MSB3)	10.18	1046
MW-3 (MSB5)	32.46	1024
MW-5 (MSB2)	15.77	1052
MW-2 (MSB6)	20.23	1037
MW-4 (MSB1)	10.02	1013
MW-6	10.32	1007
P-6	33.62	1009

1100 - LP leaves site.

Dan + Aaron Surveying.

1130 - LP drops samples off at PAL.

[Signature]
Peteron

Pump Test - Feb. 1993

Water Levels: Pump OFF Test

City Well # 3 Turned off @ 8 AM on Feb. 10, 1993 - per Dennis Antz.

Wells before pump off

Date	Well No.	Depth to Water	Time
2/9/93	MW-1	10.21	1606
2/9/93	MW-2	20.19	1544
2/9/93	MW-3	32.4	1520
2/9/93	MW-4	10.40	1558
2/9/93	MW-5	15.81	1537

2/9/93	MW-6	10.35	1553
2/9/93	P-6	33.53	1555

2/10/93 - City Well No. 3 off

Date	Well No.	Depth	Time
2/10/93	MW-1	10.24	1538
	MW-2	20.25	1554
	MW-3	32.23	1535
	MW-4	10.11	1541
	MW-5	15.25	1601
	MW-6	10.49	1544

P-6 33.39 1546

2/15/93

Water Levels:

Well No.	Depth	Time
MW-1	10.30	1614
MW-2	20.21	1618
MW-3	HS	
MW-4	10.17	1603
MW-5	-	
MW-6	10.48	1606
P-6	33.90	1607

* Couldn't find MW3 + MWS beneath the ice and snow.

2/18/93 - Water Levels

Well No.	Depth	Time
MW-1	10.26	1555
MW-2	-	
MW-3	-	
MW-4	10.21	1539
MW-5	-	
MW-6	10.50	1543
P-6	33.10	1544

52

Drum Count - Soil

MSB1	/	-	Clean
MSB2	/	-	Clean
MSB3	/	-	Clean
MSB4	/	-	Clean
MSB5	/	-	Clean
MSB6			
MSB7	/		
MSB8	/		
MSB9	/		
MSB10	/		
MSB11	/		
MSB12	/	-	Clean
Decon	/		

Drummed water = 9

1 drum soil + water

Total = 28 drums

53

2/24/93

Water Levels

<u>Well No</u>	<u>Depth</u>	<u>Time</u>
MW-1	10.46	0923
MW-2	20.43	0907
MW-3	—	
MW-4	—	
MW-5	16.07	0930
MW-6	10.60	0942
P-6	32.72	0944

1000 - City well no. 3 turned on.

Water Levels

<u>Well No</u>	<u>Depth</u>	<u>Time</u>
MW-1	10.43	1052
MW-2	20.43	1057
MW-3	—	
MW-4	—	
MW-5	15.92	1045
MW-6	10.60	1048
P-6	33.11	1049

2/25/93

0750 - LP arrives @ site to sample drums for disposal purposes

1000 - Complete drum sampling
Collected 1 qt. Composite of soil drums and 2 - 1 qt. Composite of damped water

Water Levels

<u>Well No</u>	<u>Depth</u>	<u>Time</u>
MW-1	—	
MW-2	20.40	1016
MW-3	—	
MW-4	—	
MW-5	15.94	1023
MW-6	10.61	1006
P-6	33.59	1007

1100 - Delivered water sample to Precision Analytical. Fed Ex'd soil sample to Mary Murphy at E+K.

2/26/93

Well No.	Depth	Time
mw-1	-	
mw-2	20.45	1553
mw-3	-	
mw-4	10.34	1602
mw-5	16.08	1546
mw-6	10.61	1558
p-6	33.24	1557

~~FOUND~~

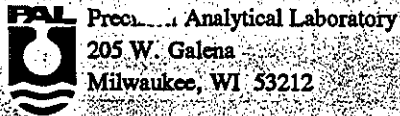
3/3/93

Well No.	Depth	Time
mw-1	10.52	1551
mw-2	20.44	1556
mw-3	32.43	1541
mw-4	10.35	1544
mw-5	16.13	1602
mw-6	10.65	1548
p-6	34.32	1549

~~FOUND~~

ATTACHMENT 4
CHAIN-OF-CUSTODY FORMS

CLIENT INFORMATION



Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: Chris So Fleissner
Company: CH2M HILL
Address: 310 W. Wisconsin Ave Suite 700
Milwaukee WI 53203
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Mooring Marine
Quote/Reference: _____
Reports to be sent to: Chris So

Chain of Custody

Page 1 of 2 No 7539

SPECIAL INSTRUCTIONS:
Call for Boat 2 w/ questions

Property Owner: _____
Property Address: _____
Telephone Number: _____

DEVT: Hand Comm. Temperature: _____
Ship Cont. OK? Y N N/A Blank: C
Rec'd Refrig. ? Y N N/A
Seals OK? Y N N/A
Samples leaking? Y N N/A
Comments: On Ice

SAMPLE HANDLING

___ Nonhazardous ___ Reactive
___ Flammable ___ Work in Hood
___ Skin Irritant X Wear Gloves
___ Highly Toxic ___ Infectious
___ Other (specify) _____

Turnaround Time

X Normal
___ Rush ** (Please refer to Quote/Reference Number)
Date Needed: _____

** WAS LAB NOTIFIED (Y/N) _____

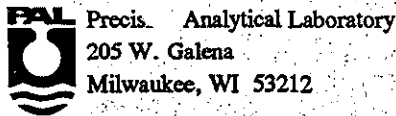
LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test	ANALYSIS	REMARKS:
	1993										
	2/2	0815		✓	3	2	MDR2-GW	MSB6	3	TEE 1.11.74 1.2 DCE VOC A A FILTERED (YES/NO) PRESERVED (CODE) REFRIGERATED (YES/NO) Preservation Code A-None B-HNO3 C-H2SO4 D-NAOH E-HCL F- M-MEOH	
		0815		✓	3	2	MDR3-GW	Decon	3		
		0830		✓	3	2	MDR4-GW	MSB10	3		
		0830		✓	3	2	MDR5-GW	MSB7	3		
		0830		✓	3	2	MDR6-GW	MSB10	3		
		0840		✓	3	2	MDR7-GW	Decon	3		
		0856		✓	3	2	MDR8-GW	MSB11	3		
		0850		✓	3	2	MDR9-GW	MSB11	3		
		0900		✓	3	2	MDR10-GW	MSB12	3		
		0900		✓	3	2	MDR11-GW	MSB6	3		

Disposition of unused portion of sample Laboratory Should:

___ Dispose * ___ Retain for ___ days
___ Return ___ Other

Relinquished By (Signature)	Date / Time	Received By (Signature)
<u>[Signature]</u>	2/2/92 11:20 am	<u>[Signature]</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)

* Disposal charges listed in fee schedule
White - Lab Green - Report Pink - File Golden Red - Customer



Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: John Flais
Company: Cham Hill
Address: _____
Phone: (414) 272 2426 Fax: _____
Project: Marine Marine
Quote/Reference: _____
Reports to be sent to: Chris Onland

SPECIAL INSTRUCTIONS:
Call Lor. Bootz w/ questions

Property Owner:		Property Address:		Telephone Number:	
Deliv: Hand Comm. Y N N/A Ship Cont OK? Y N N/A Rec'd Refrig? Y N N/A Seals OK? Y N N/A Samples leaking? Y N N/A Comments: _____		Temperature Blank: _____ C <u>Unlabeled</u>		TOTAL NUMBER OF CONTAINERS MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	
SAMPLE HANDLING <input type="checkbox"/> Nonhazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Reactive <input type="checkbox"/> Work in Hood <input checked="" type="checkbox"/> Wear Gloves <input type="checkbox"/> Infectious		Turnaround Time <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush ** (Please refer to Quote/Reference Number) Date Needed: _____ ** WAS LAB NOTIFIED (Y/N) _____		ANALYSIS <u>VOC</u> <u>Pretol A</u> <u>TECP Metals</u> <u>Final Food Solvent Screen</u> <u>TOX</u> <u>TOC</u>	
LAB USE ONLY		DATE	TIME	COMP	GRAB
		1993			
		2/2			
		2/2		X	
				3	3
					BLK 09
					MDR1-SS Drum (MSBT, 8, 9, 10, 11)
					1
					X X X X X
					REMARKS: <u>Top Blank</u> <u>Call Lor. Bootz for</u> <u>fig. & vol. in ac</u> <u>analyses needed.</u>

Disposition of unused portion of sample Laboratory Should:
 Dispose *
 Return
 Retain for _____ days
 Other _____

Relinquished By (Signature) <u>[Signature]</u>	Date / Time <u>2/2/93 11:30 am</u>	Received By (Signature) <u>[Signature]</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By: (Signature)



Precision Analytical Laboratory
205 W. Galena
Milwaukee, WI 53212

Phone: (414) 272-5222
Fax: (414) 272-6949

CLIENT INFORMATION

Project Manager: John Fleiner
Company: Cham Hill
Address: 310 W. Wisconsin Ave. Suite 700
Milwaukee, WI 53203
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Mercury Marine
Quote/Reference: _____
Reports to be sent to: Chris Ohland

Chain of Custody

Page 1 of 1 No. 7538

SPECIAL INSTRUCTIONS:
Call Lori Bootz w/ questions

Property Owner: _____
Property Address: _____
Telephone Number: _____

SAMPLE HANDLING

Nonhazardous
 Flammable
 Skin Irritant
 Highly Toxic
 Other (specify) _____

Reactive
 Work in Hood
 Wear Gloves
 Infectious

ANALYSIS

A C A B

FILTERED (YES/NO)
 PRESERVED (CODE)
 REFRIGERATED (YES/NO)

Del'v: Hand Comm. _____
Ship Cont. OK? Y N N/A
Rec'd Refrig. ? Y N N/A
Seals OK? Y N N/A
Samples leaking? Y N N/A
Comments: _____

Temperature _____
Blank: _____ C

Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

VOC
 COD, TOC
 Alkalinity
 Iron Hardness

Preservation Code
 A-None B-HNO3
 C-H2SO4 D-NAOH
 E-HCL F- _____
 M-MEOH

REMARKS:

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test				REMARKS	
	1-27	0730		X	6	2	MSB12-GW-14-19	MSB12	3	1	1	1		
	1-27	0800			6		MFB02		3	1	1	1		Field Blank
	1-27	0800			1		BLK08		1					Trip Blank

Disposition of unused portion of sample
Laboratory Should:
 Dispose *
 Return
 Retain for _____ days
 Other

Relinquished By (Signature) <u>[Signature]</u>	Date / Time <u>1-27-2000</u>	Received By (Signature) <u>[Signature]</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)

* Disposal charges listed in fee schedule

Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: John Fleiss
Company: CHAM HILL
Address: 310 W. Wisconsin Ave, Suite 700
Milwaukee, WI 53203
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Mercury Marine
Quote/Reference: _____
Reports to be sent to: Chris Ohland

Chain of Custody
Page 1 of 1 No. 8772

SPECIAL INSTRUCTIONS:
Call Lor. Bootz w/ questions

Property Owner: _____
Property Address: _____
Telephone Number: _____

SAMPLE HANDLING

Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

ANALYSIS	A	C	A	B	Filtered (YES/NO) _____
	A C A B				Preserved (CODE) _____
	VOC COD, TOC Alkalinity Iron, hardness				Refrigerated (YES/NO) _____
					Preservation Code A-None B-HNO3 C-H2SO4 D-NAOH E-HCL F-_____ M-MEOH

Ball's Hand Comm	Temperature
Ship Cont. OK? Y N N/A	Blank: _____ C
Rec'd Refrig. ? Y N N/A	
Seals OK? Y N N/A	
Samples leaking? Y N N/A	
Comments:	

Turnaround Time
___ Normal
___ Rush ** (Please refer to Quote/Reference Number)
Date Needed: _____
** WAS LAB NOTIFIED (Y/N) _____

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test				REMARKS:
	1-26-1993	0945		X	5	2	MSB11	MSB11	3	1	1	1	
	1-26				1		BLK 7		1				Trip Blank
	1-26	1145		X	2	2	DR1-MSB6	MSB6 DRUM	3				TCE; 1,1,1-TCA; 1,2-DC
	1-26	1515		X			MSB12	MSB12					lp

Disposition of unused portion of sample
Laboratory Should:
 Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <u>John Fleiss</u>	Date / Time 1/26/93	Received By (Signature) <u>Lor. Bootz</u>
Relinquished By (Signature) _____	Date / Time _____	Received By (Signature) _____
Relinquished By (Signature) _____	Date / Time _____	Received For Laboratory By: (Signature) _____

Project Manager: John Fleis
 Company: CHAIN HILL
 Address: 310 W. Wisconsin Ave. Suite 700
Milwaukee, WI 53280
 Phone: (414) 272-2426 Fax: (414) 272-4408
 Project: Mercury Marine
 Quote/Reference: _____
 Reports to be sent to: Chris Ohland

SPECIAL INSTRUCTIONS:
Call Lor. Boetz
with questions

Property Owner:
 Property Address:
 Telephone Number:

Delivery: Hand Comm.
 Ship Cont. OK? Y N N/A
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Samples leaking? Y N N/A
 Comments:
 Temperature Blank: _____ C

SAMPLE HANDLING
 Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____
 Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

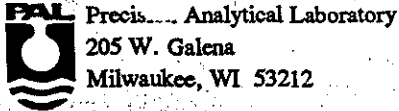
		ANALYSIS					PRESERVATION	
		A	C	B	B	A	A	FILTERED (YES/NO)
								PRESERVED (CODE)
								REFRIGERATED (YES/NO)
							Preservation Code A-None B-HNO3 C-H2SO4 D-NAOH E-HCL F-_____ M-MEOH	
							REMARKS:	

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2), Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test					
	1993													
	1-25				1		BLK #6		1					Trip Blank
	1-25	1120		X	6	2	MSB10-GW-13-23	MSB10	3	1	1	1		
	1-25	1120		X	6	2	MSB10-GW-13-23	MSB10	6					MS-MSD
	1-25				4	3	MSB11-SS-1-3	MSB11	2			2		
					4	3	MSB11-SSD-1-3	MSB11	2			2		Duplicate
					4	3	MSB11-SS-57	MSB11	2			2		
					4	3	MSB11-SS-9-11	MSB11	2			2		
					4	3	MSB11-SS-9-11	MS-MSD (MSB11)	4					MS-MSD
					4	3	MSB11-SS-13-15	MSB11	2			2		
	1-25	1530		X	6	2	MSB11-GW-12-15	MSB11	3	1	1	1		

Disposition of unused portion of sample
 Laboratory Should:
 Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <u>[Signature]</u>	Date / Time 1/25/92	Received By (Signature) <u>[Signature]</u>
Relinquished By (Signature) <u>[Signature]</u>	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)

* Disposal charges listed in fee schedule



Phone: (414) 272-5222
 Fax: (414) 272-6949

Project Manager: John F. Epler
 Company: Cham Hill
 Address: Milwaukee, WI
 Phone: (414) 272-2426 Fax: (414) 272-4408
 Project: Mercury Marine
 Quote/Reference: _____
 Reports to be sent to: Chris Ohland

Chain of Custody
 Page 2 of 2 No 8767

SPECIAL INSTRUCTIONS:
 Call Lor. Bootz
 w/ questions

Property Owner: _____
 Property Address: _____
 Telephone Number: _____

Del'y: Hand Comm. _____ Temperature _____
 Ship Cont. OK? Y N N/A Blank: _____ C
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Samples leaking? Y N N/A
 Comments: _____

TOTAL NUMBER OF CONTAINERS
 MATRIX: Surface Water(1), Ground Water(2), Soil(3), Solid/Liquid Waste(4/5), Other(6)

SAMPLE HANDLING
 Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

ANALYSIS

Retention Code
 A-None B-HNO₃
 C-H₂SO₄ D-NAOH
 E-HCL F- _____
 M-MEOH

REMARKS:
 Filtered (YES/NO)
 PRESERVED (CODE)
 REFRIGERATED (YES/NO)

ANALYSIS: *Get to the lab*

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX	FIELD ID	LOCATION / DESCRIPTION	Fill in spades with bottles per test	REMARKS
	1993				1	3	MSB11-SS-3-5	MSB11	1	Shelby Take

Disposition of unused portion of sample
 Laboratory Should:
 Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature)	Date / Time	Received By (Signature)
<i>[Signature]</i>	1/25 425	<i>[Signature]</i>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)

* Disposal charges listed in fee schedule
 White - Lab Canary - Report Pink - File Golden Rod - Customer

Phone: (414) 272-5222
 Fax: (414) 272-6949

Project Manager: John Fleis
 Company: Cham Hill
 Address: 310 W. Wisconsin Ave, Suite 700
Milwaukee, WI 53203
 Phone: (414) 272-2426 Fax: (414) 272-4408
 Project: Mercury Marine
 Quote/Reference: _____
 Reports to be sent to: Chris Ohtand

SPECIAL INSTRUCTIONS:
Call Lori Bootz with questions

Property Owner: _____
 Property Address: _____
 Telephone Number: _____

SAMPLE HANDLING

Nonhazardous _____ Reactive _____
 Flammable _____ Work in Hood _____
 Skin Irritant _____ Wear Gloves _____
 Highly Toxic _____ Infectious _____
 Other (specify) _____

Turnaround Time:
 Normal _____
 Rush ** (Please refer to Quote/Reference Number) _____
 Date Needed: _____

** WAS LAB NOTIFIED (Y/N) _____

Del. Hand Comm. _____ Temperature _____
 Ship Cont. OK? Y N N/A Blank: _____ C
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Samples leaking? Y N N/A
 Comments: _____

ANALYSIS	VOC	N	N	N	N	N	FILTERED (YES/NO)
	TOC						PRESERVED (CODE)
	Alkalinity	A	A	A	C	B	REFRIGERATED (YES/NO)
	COD, TOC						Preservation Code
	Iron, Manganese						A-None B-HNO3 C-H2SO4 D-NAOH E-HCL F- _____ M-MEBOH
REMARKS:							

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2), Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test			REMARKS	
	1993						BLK05		1			Trip Blank	
	1-22	1100							3				
	1-22	1010		X	2	MSB7-GW-12-15	MSB7		1	1			
	1-22				3	MSB7-SS-5-6	MSB7		2	2			
	1-22				3	MSB7-SS-6-7	MSB7		2	2			
	1-22				3	MSB7-SS-7-9	MSB7		3		1	1	Equipment Blank
	1-22	1130			2	MSB7-GW-18-28	MSB7		3		1	1	
	1-22	1400			2	MSB7-GW-18-28	MSB7		3		1	1	Duplicate
	1-22	1530			3	MSB10-SS-1-3	MSB10		2	2			
	1-22	1530			3	MSB10-SS-3-5	MSB10		1	1			

Disposition of unused portion of sample Laboratory Should:
 Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <u>Tom Peterson</u>	Date / Time 1/22/93 4:20 PM	Received By (Signature) <u>Chris Ohtand</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By: (Signature)

* Disposal charges listed in fee schedule



Preci Analytical Laboratory
205 W. Galena
Milwaukee, WI 53212

Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: John Fleis er
Company: Cham Hill
Address: Milwaukee, WI
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Mercury Marine
Quote/Reference: _____
Reports to be sent to: Chris Ontand

Main or Custody
Page 2 of 2 NE 8771

SPECIAL INSTRUCTIONS:
Call Lori Bootz
with questions

Property Owner:
Property Address:
Telephone Number:

DEPT: Hand Comm.	Temperature
Ship Cont. OK? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	Blank: _____ C
Rec'd Refrig. ? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	
Seals OK? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	
Sample leaking? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A	
Comments:	

SAMPLE HANDLING

Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

Turnaround Time

Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

ANALYSIS
Geotechnical Analyses
VOC
TOC

FILTERED (YES/NO)
 PRESERVED (CODE)
 REFRIGERATED (YES/NO)
 Preservation Code
 A-None B-HNO3
 C-H2SO4 D-NAOH
 E-HCL F-_____
 M-MEOH

REMARKS:

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test				REMARKS
	1993												
	1-22	0830			1	3	MSB7-3-5	MSB7	1				Shelby Tube
	1-22	0915			1	3	MSB7-9-11	MSB7	1				Shelby Tube
	1-22	1600				3	MSB10-55-9-11	MSB10	2	2			

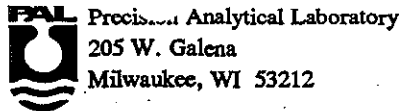
Disposition of unused portion of sample
Laboratory Should:

Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <i>John Peter</i>	Date / Time 1/22/03 4:20P	Received By (Signature) <i>Richard L...</i>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)

* Disposal charges listed in fee schedule

White - Lab Canary - Report Pink - File Golden Rod - Customer



Precision Analytical Laboratory
205 W. Galena
Milwaukee, WI 53212

Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: John Fleis er
Company: Cham Hill
Address: 310 W. Wisconsin Ave. Suite 700
Milwaukee, WI 53203
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Mercury Marine Plant No.1
Quote/Reference: _____
Reports to be sent to: Chris Ostland

Chain of Custody

Page 1 of 1 N2 8769

SPECIAL INSTRUCTIONS:
Contact Lori Bootz
with questions

Property Owner: _____
Property Address: _____
Telephone Number: _____

SAMPLE HANDLING

Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

Del'v: Hand Comm. _____
Ship Cont. OK? Y N N/A
Rec'd Refrig. ? Y N N/A
Seals OK? Y N N/A
Samples leaking? Y N N/A
Comments: _____

Temperature Blank: _____ C

Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

ANALYSIS	VOC	N	N	N	N	N	Filtered (YES/NO)
	Alkalinity	A	A	C	B	A	Preserved (CODE)
	COD, TOC						Refrigerated (YES/NO)
	Iron, Hardness, TOC						Preservation Code

A-None B-HNO3
 C-H2SO4 D-NAOH
 E-HCL F-_____
 M-MEOH

REMARKS: _____

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test				REMARKS	
	1993													
	1-21						BLK 04		1					Trip Blank
	1-21	1430		X	2	MSB9-GW-6-11	MSB9		3	1	1	1		
	1-21				3	MSB9-SS-9-11	MSB9		2			2		
	1-21				3	MSB9-SS-3-5	MSB9		2			2		

Disposition of unused portion of sample

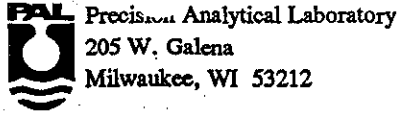
Laboratory Should:

Dispose *
 Return

Retain for _____ days
 Other

* Disposal charges listed in fee schedule

Relinquished By (Signature) <u>[Signature]</u>	Date / Time 1/21/93 345 PM	Received By (Signature) <u>[Signature]</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By (Signature)



Precis_{ion} Analytical Laboratory
205 W. Galena
Milwaukee, WI 53212

Phone: (414) 272-5222
Fax: (414) 272-6949

Project Manager: John Fleiss
Company: CH2M HILL
Address: 310 W. Wisconsin Ave. Suite 700
Milwaukee WI 53203
Phone: (414) 272-2426 Fax: (414) 272-4408
Project: Murray Merox Plant No. 1
Quote/Reference: _____
Reports to be sent to: Chris Ohland

Chain of Custody

Page ___ of ___ **NO 8768**

SPECIAL INSTRUCTIONS:
Contact Lon. Bortz
with questions

Property Owner: _____
Property Address: _____
Telephone Number: _____

SAMPLE HANDLING
 Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

ANALYSIS	E A C B					REMARKS:
	VOC	Alkalinity	COD TOC	Iron Hardness	TOC	
						FILTERED (YES/NO) PRESERVED (CODE) REFRIGERATED (YES/NO) Preservation Code A-None B-HNO3 C-H2SO4 D-NAOH E-HCL F-_____ M-MEOH

Dep't: Hand Comm. Temperature
 Ship Cont. OK? Y N N/A Blank: C
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Samples leaking? Y N N/A
 Comments: _____

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test						
	1993														
	1-20	1500		X	2		MGW03	MSB6	3	7	1	1			
	1-20						BLK03		1						Temp Blank
	1-20	1500		X	2		MGW03-MS-MSD	MSB6	9	2	2	2			MS-MSD
	1-20	1400			3		MSB8-SS-8-10	MSB8	2			2			
	1-20	1400			3		MSB8-SS-10-12	MSB8	2			2			

Disposition of unused portion of sample
 Laboratory Should:
 Dispose * Retain for ___ days
 Return Other

* Disposal charges listed in fee schedule

Relinquished By (Signature) <u>Sau J. Peterson</u>	Date / Time 1/20/93 3:40 PM	Received By (Signature) <u>R. Olesky</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By: (Signature)



Precision Analytical Laboratory
205 W. Galena
Milwaukee, WI 53212

Phone: (414) 272-5222
Fax: (414) 272-6949

CLIENT INFORMATION

Project Manager: John Flaiss en
Company: CH2M HILL
Address: 310 W. Wisconsin Ave. Suite 700
Milwaukee, WI 53201
Phone: (414) 272-2426 Fax: ()
Project: _____
Quote/Reference: _____
Reports to be sent to: CHRIS OHLAND

Chain of Custody

Page of **NE 8775**

SPECIAL INSTRUCTIONS:
Contact Lorie Bootz with any questions.

Property Owner: _____
Property Address: _____
Telephone Number: _____

SAMPLE HANDLING

Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____

Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

Del. Hand Comm. _____
 Ship Cont. OK? Y N N/A
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Sampler leaking? Y N N/A
 Comments: _____

Temperature Blank: C

ANALYSIS	VOC	E	B	C	REMARKS:
	Alkalinity				
	Calc. Tot				
	IRON, Manganese				
					FILTERED (YES/NO)
					PRESERVED (CODE)
					REFRIGERATED (YES/NO)
					Preservation Code A-None B-HNO ₃ C-H ₂ SO ₄ D-NAOH E-HCL F-_____ M-MEOH

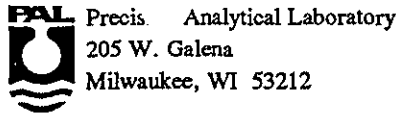
LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test				REMARKS	
	1993													
	1-15	10:00		X	2	MSWφ2	MSBS		3	1	1	1		
	1-15	10:00		X	1	BLK-D2	"		1					
	1-15	10:00		X	2	MGWφ2-F2	Duplicate @ MSBS		3	1	1	1		Duplicate

Disposition of unused portion of sample Laboratory Should:

Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <u>John Poter</u>	Date / Time 1/15/93 2:10 PM	Received By (Signature) <u>Richard</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By: (Signature)

* Disposal charges listed in fee schedule



Project Manager: John Fleiter
 Company: CUMMINS
 Address: 310 W. WISCONSIN AVE. SUITE 700
MILWAUKEE, WI 53201
 Phone: (414) 272-2426 Fax: ()
 Project: GLD 33316.AW.00
 Quote/Reference: _____
 Reports to be sent to: CHRIS OHLAND

Chain of Custody

Page 12 of 12 8786

SPECIAL INSTRUCTIONS:
 CONTACT LERIC BOITZE
 AT CHRYM HELL W/ ANY QUESTIONS
 (414) 272-2426

Property Owner: _____
 Property Address: _____
 Telephone Number: _____

Deliv: Hand Comm. _____
 Ship Cont. OK? Y N N/A
 Rec'd Refrig. ? Y N N/A
 Seals OK? Y N N/A
 Samples leaking? Y N N/A
 Comments: _____
 Temperature Blank: _____ C
On Ice

SAMPLE HANDLING
 Nonhazardous Reactive
 Flammable Work in Hood
 Skin Irritant Wear Gloves
 Highly Toxic Infectious
 Other (specify) _____
Turnaround Time
 Normal
 Rush ** (Please refer to Quote/Reference Number)
 Date Needed: _____
 ** WAS LAB NOTIFIED (Y/N) _____

ANALYSIS	F	C	B	REMARKS:
	/	/	/	Preservation Code
	/	/	/	A-None B-HNO3
	/	/	/	C-H2SO4 D-NAOH
				E-HCL F- _____
				M-MEOH

LAB USE ONLY	DATE	TIME	COMP	GRAB	TOTAL NUMBER OF CONTAINERS	MATRIX: Surface Water(1), Ground Water(2) Soil(3), Solid/Liquid Waste(4/5), Other(6)	FIELD ID	LOCATION / DESCRIPTION	Fill in spaces with bottles per test					
	1-13	16:00		X	6	2	MGW01	mm	3	1	1	1		
	1-13	16:00		X	1	6	BLW01	mm	1					

Disposition of unused portion of sample Laboratory Should:
 Dispose * Retain for _____ days
 Return Other

Relinquished By (Signature) <u>Chris Ohland</u>	Date / Time 1/13/93 16:50	Received By (Signature) <u>Eric Boitze</u>
Relinquished By (Signature)	Date / Time	Received By (Signature)
Relinquished By (Signature)	Date / Time	Received For Laboratory By: (Signature)

* Disposal charges listed in fee schedule

APPENDIX B
SOIL AND GROUNDWATER
RAW ANALYTICAL DATA

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: GLO33316.A0.00

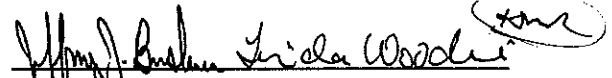
Date Received: 01/13/93

Date Reported: 01/28/93

PAL ORDER #: 9301101

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MGWO1	01A	01/13/93
BLK-01	02A	01/13/93

Laboratory ID Number (Wisconsin DNR): 241369260



Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MGWO1		Lab ID: 9301101-01A		Collected: 01/13/93			
8021 - Water							8021
Benzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Bromobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Bromochloromethane	BQL	5.0 #	ug/l	01/26/93		JAH	
Bromodichloromethane	BQL	5.0 #	ug/l	01/26/93		JAH	
Bromoform	BQL	15 #	ug/l	01/26/93		JAH	
Bromomethane	BQL	5.0 #	ug/l	01/26/93		JAH	
n-Butylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
sec-Butylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
tert-Butylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Carbon tetrachloride	BQL	5.0 #	ug/l	01/26/93		JAH	
Chlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Chloroethane	BQL	10 #	ug/l	01/26/93		JAH	
Chloroform	BQL	5.0 #	ug/l	01/26/93		JAH	
Chloromethane	BQL	5.0 #	ug/l	01/26/93		JAH	
2-Chlorotoluene	BQL	5.0 #	ug/l	01/26/93		JAH	
4-Chlorotoluene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	25 #	ug/l	01/26/93		JAH	
Dibromochloromethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2-Dibromoethane	BQL	5.0 #	ug/l	01/26/93		JAH	
Dibromomethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2-Dichlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,3-Dichlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,4-Dichlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Dichlorodifluoromethane	BQL	10 #	ug/l	01/26/93		JAH	
1,1-Dichloroethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2-Dichloroethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,1-Dichloroethene	BQL	5.0 #	ug/l	01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	5.0 #	ug/l	01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2-Dichloropropane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,3-Dichloropropane	BQL	5.0 #	ug/l	01/26/93		JAH	
2,2-Dichloropropane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,1-Dichloropropene	BQL	5.0 #	ug/l	01/26/93		JAH	
Ethylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Hexachlorobutadiene	BQL	5.0 #	ug/l	01/26/93		JAH	
Isopropylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
p-Isopropyltoluene	BQL	5.0 #	ug/l	01/26/93		JAH	
Methylene Chloride	BQL	5.0 #	ug/l	01/26/93		JAH	
M-t-butyl-ether	BQL	5.0 #	ug/l	01/26/93		JAH	
Naphthalene	BQL	5.0 #	ug/l	01/26/93		JAH	
n-Propylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Styrene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.0 #	ug/l	01/26/93		JAH	
Tetrachloroethene	BQL	5.0 #	ug/l	01/26/93		JAH	
Toluene	BQL	5.0 #	ug/l	01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 2
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,1,1-Trichloroethane	30	5.0 #	ug/l	01/26/93		JAH	
1,1,2-Trichloroethane	BQL	5.0 #	ug/l	01/26/93		JAH	
Trichloroethene	310	5.0 #	ug/l	01/26/93		JAH	
Trichlorofluoromethane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2,3-Trichloropropane	BQL	5.0 #	ug/l	01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.0 #	ug/l	01/26/93		JAH	
Vinyl Chloride	BQL	10 #	ug/l	01/26/93		JAH	
o-Xylene	BQL	5.0 #	ug/l	01/26/93		JAH	
m/p-Xylene	BQL	5.0 #	ug/l	01/26/93		JAH	
Alkalinity	730	5.0	ppm	01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	270	5.0	mg/l	01/22/93		MHM	EPA 410.1
Iron in Water	84		mg/l	01/23/93		LJW	6010
Hardness, Total	3800		mg/l	01/23/93		LJW	EPA 130.2
Metals Digestion	-	-	-	01/15/93		BHZ	
Total Organic Carbon	55		mg/l	01/28/93		MJH	EPA 415.1

Sample ID: BLK-01

Lab ID: 9301101-02A

Collected: 01/13/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	01/25/93		JAH	
Bromobenzene	BQL	1.0	ug/l	01/25/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	01/25/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	01/25/93		JAH	
Bromoform	BQL	3.0	ug/l	01/25/93		JAH	
Bromomethane	BQL	1.0	ug/l	01/25/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	01/25/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	01/25/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	01/25/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	01/25/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	01/25/93		JAH	
Chloroethane	BQL	2.0	ug/l	01/25/93		JAH	
Chloroform	BQL	1.0	ug/l	01/25/93		JAH	
Chloromethane	BQL	1.0	ug/l	01/25/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	01/25/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	01/25/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	01/25/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	01/25/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	01/25/93		JAH	
Dibromomethane	BQL	1.0	ug/l	01/25/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	01/25/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	01/25/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	01/25/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	01/25/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	01/25/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	01/25/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 3
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloroethene	BQL	1.0 ug/l		01/25/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/25/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/25/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/25/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/25/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/25/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/25/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/25/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/25/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/25/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/25/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/25/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/25/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/25/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/25/93		JAH	
Styrene	BQL	1.0 ug/l		01/25/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/25/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/25/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/25/93		JAH	
Toluene	BQL	1.0 ug/l		01/25/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/25/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/25/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/25/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/25/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/25/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/25/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/25/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/25/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/25/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/25/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/25/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/25/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301101

All analysis as per approved method found in one or more of
the following:
Standard Methods for Evaluation of Water and Wastewater,
17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised
March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

Elevated detection limit due to sample concentration.

PRECISION ANALYTICAL LABORATORY
205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: MGW02

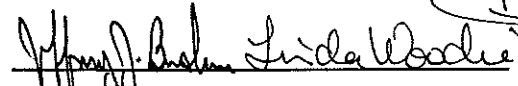
Date Received: 01/15/93

Date Reported: 02/02/93

PAL ORDER #: 9301149

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MGW02	01A	01/15/93
BLK-02	02A	01/15/93
MGW02-FR	03A	01/15/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MGW02		Lab ID: 9301149-01A		Collected: 01/15/93			
8021 - Water							8021
Benzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Bromobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Bromochloromethane	BQL	5.0 #	ug/l	01/29/93		JAH	
Bromodichloromethane	BQL	5.0 #	ug/l	01/29/93		JAH	
Bromoform	BQL	15 #	ug/l	01/29/93		JAH	
Bromomethane	BQL	5.0 #	ug/l	01/29/93		JAH	
n-Butylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
sec-Butylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
tert-Butylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Carbon tetrachloride	BQL	5.0 #	ug/l	01/29/93		JAH	
Chlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Chloroethane	BQL	10 #	ug/l	01/29/93		JAH	
Chloroform	BQL	5.0 #	ug/l	01/29/93		JAH	
Chloromethane	BQL	5.0 #	ug/l	01/29/93		JAH	
2-Chlorotoluene	BQL	5.0 #	ug/l	01/29/93		JAH	
4-Chlorotoluene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	25 #	ug/l	01/29/93		JAH	
Dibromochloromethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2-Dibromoethane	BQL	5.0 #	ug/l	01/29/93		JAH	
Dibromomethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2-Dichlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,3-Dichlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,4-Dichlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Dichlorodifluoromethane	BQL	10 #	ug/l	01/29/93		JAH	
1,1-Dichloroethane	7.8	5.0 #	ug/l	01/29/93		JAH	
1,2-Dichloroethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1-Dichloroethene	BQL	5.0 #	ug/l	01/29/93		JAH	
cis-1,2-Dichloroethene	100	5.0 #	ug/l	01/29/93		JAH	
trans-1,2-Dichloroethene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2-Dichloropropane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,3-Dichloropropane	BQL	5.0 #	ug/l	01/29/93		JAH	
2,2-Dichloropropane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1-Dichloropropene	BQL	5.0 #	ug/l	01/29/93		JAH	
Ethylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Hexachlorobutadiene	BQL	5.0 #	ug/l	01/29/93		JAH	
Isopropylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
p-Isopropyltoluene	BQL	5.0 #	ug/l	01/29/93		JAH	
Methylene Chloride	BQL	5.0 #	ug/l	01/29/93		JAH	
M-t-butyl-ether	9.8	5.0 #	ug/l	01/29/93		JAH	
Naphthalene	BQL	5.0 #	ug/l	01/29/93		JAH	
n-Propylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Styrene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.0 #	ug/l	01/29/93		JAH	
Tetrachloroethene	BQL	5.0 #	ug/l	01/29/93		JAH	
Toluene	BQL	5.0 #	ug/l	01/29/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 2
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1,1-Trichloroethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,1,2-Trichloroethane	BQL	5.0 #	ug/l	01/29/93		JAH	
Trichloroethene	280	5.0 #	ug/l	01/29/93		JAH	
Trichlorofluoromethane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2,3-Trichloropropane	BQL	5.0 #	ug/l	01/29/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.0 #	ug/l	01/29/93		JAH	
Vinyl Chloride	11	10 #	ug/l	01/29/93		JAH	
o-Xylene	BQL	5.0 #	ug/l	01/29/93		JAH	
m/p-Xylene	BQL	5.0 #	ug/l	01/29/93		JAH	
Alkalinity	3400	5.0	ppm	01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	890	5.0	mg/l	01/22/93		MHM	EPA 410.1
Iron in Water	2000		mg/l	01/27/93		LJW	6010
Hardness, Total	240000		mg/l	01/27/93		LJW	EPA 130.2
Metals Digestion	-			01/22/93		BHZ	
Total Organic Carbon	6300		mg/l	01/31/93		MJH	EPA 415.1

Sample ID: BLK-02

Lab ID: 9301149-02A

Collected: 01/15/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	01/26/93		JAH	
Bromobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	01/26/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	01/26/93		JAH	
Bromoform	BQL	3.0	ug/l	01/26/93		JAH	
Bromomethane	BQL	1.0	ug/l	01/26/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	01/26/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Chloroethane	BQL	2.0	ug/l	01/26/93		JAH	
Chloroform	BQL	1.0	ug/l	01/26/93		JAH	
Chloromethane	BQL	1.0	ug/l	01/26/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	01/26/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	01/26/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	01/26/93		JAH	
Dibromomethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	01/26/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 3
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	01/26/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	01/26/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	01/26/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	01/26/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	01/26/93		JAH	
Naphthalene	BQL	1.0	ug/l	01/26/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Styrene	BQL	1.0	ug/l	01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	01/26/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	01/26/93		JAH	
Toluene	BQL	1.0	ug/l	01/26/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	01/26/93		JAH	
Trichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	01/26/93		JAH	
o-Xylene	BQL	1.0	ug/l	01/26/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	01/26/93		JAH	

Sample ID: MGW02-FR

Lab ID: 9301149-03A

Collected: 01/15/93

8021 - Water							8021
Benzene	BQL	10 #	ug/l	02/01/93		JAH	
Bromobenzene	BQL	10 #	ug/l	02/01/93		JAH	
Bromochloromethane	BQL	10 #	ug/l	02/01/93		JAH	
Bromodichloromethane	BQL	10 #	ug/l	02/01/93		JAH	
Bromoform	BQL	30 #	ug/l	02/01/93		JAH	
Bromomethane	BQL	10 #	ug/l	02/01/93		JAH	
n-Butylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
sec-Butylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
tert-Butylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
Carbon tetrachloride	BQL	10 #	ug/l	02/01/93		JAH	
Chlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
Chloroethane	BQL	20 #	ug/l	02/01/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
Chloroform	BQL	10 #	ug/l	02/01/93		JAH	
Chloromethane	BQL	10 #	ug/l	02/01/93		JAH	
2-Chlorotoluene	BQL	10 #	ug/l	02/01/93		JAH	
4-Chlorotoluene	BQL	10 #	ug/l	02/01/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	50 #	ug/l	02/01/93		JAH	
Dibromochloromethane	BQL	10 #	ug/l	02/01/93		JAH	
1,2-Dibromoethane	BQL	10 #	ug/l	02/01/93		JAH	
Dibromomethane	BQL	10 #	ug/l	02/01/93		JAH	
1,2-Dichlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
1,3-Dichlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
1,4-Dichlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
Dichlorodifluoromethane	BQL	20 #	ug/l	02/01/93		JAH	
1,1-Dichloroethane	BQL	10 #	ug/l	02/01/93		JAH	
1,2-Dichloroethane	BQL	10 #	ug/l	02/01/93		JAH	
1,1-Dichloroethene	BQL	10 #	ug/l	02/01/93		JAH	
cis-1,2-Dichloroethene	62	10 #	ug/l	02/01/93		JAH	
trans-1,2-Dichloroethene	BQL	10 #	ug/l	02/01/93		JAH	
1,2-Dichloropropane	BQL	10 #	ug/l	02/01/93		JAH	
1,3-Dichloropropane	BQL	10 #	ug/l	02/01/93		JAH	
2,2-Dichloropropane	BQL	10 #	ug/l	02/01/93		JAH	
1,1-Dichloropropene	BQL	10 #	ug/l	02/01/93		JAH	
Ethylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
Hexachlorobutadiene	BQL	10 #	ug/l	02/01/93		JAH	
Isopropylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
p-Isopropyltoluene	BQL	10 #	ug/l	02/01/93		JAH	
Methylene Chloride	BQL	10 #	ug/l	02/01/93		JAH	
M-t-butyl-ether	BQL	10 #	ug/l	02/01/93		JAH	
Naphthalene	BQL	10 #	ug/l	02/01/93		JAH	
n-Propylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
Styrene	BQL	10 #	ug/l	02/01/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	10 #	ug/l	02/01/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	10 #	ug/l	02/01/93		JAH	
Tetrachloroethene	BQL	10 #	ug/l	02/01/93		JAH	
Toluene	BQL	10 #	ug/l	02/01/93		JAH	
1,2,3-Trichlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
1,2,4-Trichlorobenzene	BQL	10 #	ug/l	02/01/93		JAH	
1,1,1-Trichloroethane	BQL	10 #	ug/l	02/01/93		JAH	
1,1,2-Trichloroethane	BQL	10 #	ug/l	02/01/93		JAH	
Trichloroethene	230	10 #	ug/l	02/01/93		JAH	
Trichlorofluoromethane	BQL	10 #	ug/l	02/01/93		JAH	
1,2,3-Trichloropropane	BQL	10 #	ug/l	02/01/93		JAH	
1,2,4-Trimethylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
1,3,5-Trimethylbenzene	BQL	10 #	ug/l	02/01/93		JAH	
Vinyl Chloride	BQL	20 #	ug/l	02/01/93		JAH	
o-Xylene	BQL	10 #	ug/l	02/01/93		JAH	
m/p-Xylene	BQL	10 #	ug/l	02/01/93		JAH	
Alkalinity	4200	5.0	ppm	01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	1100	5.0	mg/l	01/22/93		MHM	EPA 410.1
Iron in Water	2400		mg/l	01/27/93		LJW	6010
Hardness, Total	230000		mg/l	01/27/93		LJW	EPA 130.2

BQL - Below Quantification Limit

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Metals Digestion	-	-		01/22/93		BHZ	
Total Organic Carbon	4500		mg/l	01/31/93		MJH	EPA 415.1

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301149

All analysis as per approved method found in one or more of the following:

Standard Methods for Evaluation of Water and Wastewater,
17th Edition

Methods for Chemical Analysis for Water and Wastes, Revised
March 1983, EPA 600/4-79-020

Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

The samples submitted for Iron and Hardness preserved with Nitric Acid were received at pH 6-7. The samples were treated with additional 1:1 Nitric Acid (10 mL) but the pH was not altered. Additional acid was not added since the volume of acid needed would significantly change the concentrations.

The samples submitted for COD and TOC preserved with Sulfuric Acid were received at pH 6-7. The samples were treated with additional 1:1 Sulfuric Acid (10ml) but the pH was not altered. Additional acid was not added since the volume of acid needed would significantly change the concentrations.

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

Elevated detection limit due to sample concentration.

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

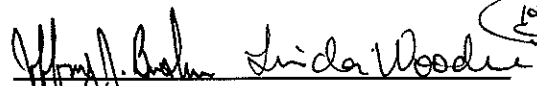
WORK ID: Mercury Marine Plant No. 1

Date Received: 01/20/93
Date Reported: 02/09/93

PAL ORDER #: 9301175

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MGW03	01A	01/20/93
BLK03	02A	01/20/93
MGW03-MS-MDS	03A	01/20/93
MSB8-SS-8-10	04A	01/20/93
MSB8-SS-10-12	05A	01/20/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MGW03		Lab ID: 9301175-01A		Collected: 01/20/93			
8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromoform	BQL	3.0 ug/l		01/28/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/28/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/28/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/28/93		JAH	
Chloroform	BQL	1.0 ug/l		01/28/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/28/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/28/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/28/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/28/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/28/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/28/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/28/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/28/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/28/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Styrene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Toluene	BQL	1.0 ug/l		01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 2
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,1,1-Trichloroethane	8.5	1.0	ug/l	01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	01/28/93		JAH	
Trichloroethene	33	1.0	ug/l	01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	01/28/93		JAH	
o-Xylene	BQL	1.0	ug/l	01/28/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	01/28/93		JAH	
Alkalinity	410	5.0	ppm	01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	23	5.0	mg/l	01/22/93		MHM	EPA 410.1
Iron in Water	28		mg/l	01/25/93		LJW	6010
Hardness, Total	1200		mg/l	01/25/93		LJW	EPA 130.2
Metals Digestion	-		-	01/25/93		BHZ	
Total Organic Carbon	5.7		mg/l	02/03/93		MJH	EPA 415.1

Sample ID: BLK03

Lab ID: 9301175-02A

Collected: 01/20/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	01/28/93		JAH	
Bromobenzene	BQL	1.0	ug/l	01/28/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	01/28/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	01/28/93		JAH	
Bromoform	BQL	3.0	ug/l	01/28/93		JAH	
Bromomethane	BQL	1.0	ug/l	01/28/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	01/28/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
Chloroethane	BQL	2.0	ug/l	01/28/93		JAH	
Chloroform	BQL	1.0	ug/l	01/28/93		JAH	
Chloromethane	BQL	1.0	ug/l	01/28/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	01/28/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	01/28/93		JAH	
1,2-Dibromo-3-chloropropane	BQL	5.0	ug/l	01/28/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	01/28/93		JAH	
Dibromomethane	BQL	1.0	ug/l	01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloroethene	BQL	1.0	ug/l	01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	01/28/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	01/28/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	01/28/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	01/28/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	01/28/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	01/28/93		JAH	
Naphthalene	BQL	1.0	ug/l	01/28/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Styrene	BQL	1.0	ug/l	01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	01/28/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	01/28/93		JAH	
Toluene	BQL	1.0	ug/l	01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	01/28/93		JAH	
Trichloroethene	BQL	1.0	ug/l	01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	01/28/93		JAH	
o-Xylene	BQL	1.0	ug/l	01/28/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	01/28/93		JAH	

Sample ID: MGW03-MS-MDS

Lab ID: 9301175-03A

Collected: 01/20/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	01/28/93		JAH	
Bromobenzene	BQL	1.0	ug/l	01/28/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	01/28/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	01/28/93		JAH	
Bromoform	BQL	3.0	ug/l	01/28/93		JAH	
Bromomethane	BQL	1.0	ug/l	01/28/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	01/28/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	01/28/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	01/28/93		JAH	
Chloroethane	BQL	2.0	ug/l	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
Chloroform	BQL	1.0 ug/l		01/28/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/28/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/28/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/28/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/28/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/28/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/28/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/28/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/28/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/28/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Styrene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Toluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1-Trichloroethane	6.1	1.0 ug/l		01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Trichloroethene	28	1.0 ug/l		01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/28/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/28/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/28/93		JAH	
Alkalinity	400	5.0 ppm		01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	18	5.0 mg/l		01/22/93		MHM	EPA 410.1
Iron in Water	26	mg/l		01/25/93		LJW	6010
Hardness, Total	1100	mg/l		01/25/93		LJW	EPA 130.2

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Metals Digestion	-	-		01/25/93		BHZ	
Total Organic Carbon	3.0		mg/l	02/03/93		MJH	EPA 415.1

Sample ID: MSB8-SS-8-10

Lab ID: 9301175-04A

Collected: 01/20/93

8021 - Soil					8021
Benzene	BQL	1.0 ug/kg	02/04/93	JAH	
Bromobenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Bromochloromethane	BQL	1.0 ug/kg	02/04/93	JAH	
Bromodichloromethane	BQL	1.0 ug/kg	02/04/93	JAH	
Bromoform	BQL	3.0 ug/kg	02/04/93	JAH	
Bromomethane	BQL	1.0 ug/kg	02/04/93	JAH	
n-Butylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
sec-Butylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
tert-Butylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Carbon tetrachloride	BQL	1.0 ug/kg	02/04/93	JAH	
Chlorobenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Chloroethane	BQL	2.0 ug/kg	02/04/93	JAH	
Chloroform	BQL	1.0 ug/kg	02/04/93	JAH	
Chloromethane	BQL	1.0 ug/kg	02/04/93	JAH	
2-Chlorotoluene	BQL	1.0 ug/kg	02/04/93	JAH	
4-Chlorotoluene	BQL	1.0 ug/kg	02/04/93	JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/kg	02/04/93	JAH	
Dibromochloromethane	BQL	1.0 ug/kg	02/04/93	JAH	
1,2-Dibromoethane	BQL	1.0 ug/kg	02/04/93	JAH	
Dibromomethane	BQL	1.0 ug/kg	02/04/93	JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/kg	02/04/93	JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/kg	02/04/93	JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Dichlorodifluoromethane	BQL	2.0 ug/kg	02/04/93	JAH	
1,1-Dichloroethane	BQL	1.0 ug/kg	02/04/93	JAH	
1,2-Dichloroethane	BQL	1.0 ug/kg	02/04/93	JAH	
1,1-Dichloroethene	BQL	1.0 ug/kg	02/04/93	JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/kg	02/04/93	JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/kg	02/04/93	JAH	
1,2-Dichloropropane	BQL	1.0 ug/kg	02/04/93	JAH	
1,3-Dichloropropane	BQL	1.0 ug/kg	02/04/93	JAH	
2,2-Dichloropropane	BQL	1.0 ug/kg	02/04/93	JAH	
1,1-Dichloropropene	BQL	1.0 ug/kg	02/04/93	JAH	
Ethylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Hexachlorobutadiene	BQL	1.0 ug/kg	02/04/93	JAH	
Isopropylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
p-Isopropyltoluene	BQL	1.0 ug/kg	02/04/93	JAH	
Methylene Chloride	* 930	1.0 ug/kg	02/04/93	JAH	
M-t-butyl-ether	BQL	1.0 ug/kg	02/04/93	JAH	
Naphthalene	BQL	1.0 ug/kg	02/04/93	JAH	
n-Propylbenzene	BQL	1.0 ug/kg	02/04/93	JAH	
Styrene	BQL	1.0 ug/kg	02/04/93	JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/kg	02/04/93	JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/kg	02/04/93		JAH	
Tetrachloroethene	BQL	1.0	ug/kg	02/04/93		JAH	
Toluene	2.1	1.0	ug/kg	02/04/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/kg	02/04/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/kg	02/04/93		JAH	
1,1,1-Trichloroethane	E 100	1.0	ug/kg	02/04/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/kg	02/04/93		JAH	
Trichloroethene	E 130	1.0	ug/kg	02/04/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/kg	02/04/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/kg	02/04/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/kg	02/04/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/kg	02/04/93		JAH	
Vinyl Chloride	BQL	2.0	ug/kg	02/04/93		JAH	
o-Xylene	BQL	1.0	ug/kg	02/04/93		JAH	
m/p-Xylene	BQL	1.0	ug/kg	02/04/93		JAH	
Dry Weight	88		%	02/05/93		JAH	
Total Organic Carbon	510 **		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB8-SS-10-12

Lab ID: 9301175-05A

Collected: 01/20/93

8021 - Soil							8021
Benzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Bromobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Bromochloromethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Bromodichloromethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Bromoform	BQL	15 #	ug/kg	02/05/93		LJS	
Bromomethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
n-Butylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
sec-Butylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
tert-Butylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Carbon tetrachloride	BQL	5.0 #	ug/kg	02/05/93		LJS	
Chlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Chloroethane	BQL	10 #	ug/kg	02/05/93		LJS	
Chloroform	BQL	5.0 #	ug/kg	02/05/93		LJS	
Chloromethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
2-Chlorotoluene	BQL	5.0 #	ug/kg	02/05/93		LJS	
4-Chlorotoluene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2-Dibromo-3-chloropropa	BQL	25 #	ug/kg	02/05/93		LJS	
Dibromochloromethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2-Dibromoethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Dibromomethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2-Dichlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,3-Dichlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,4-Dichlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Dichlorodifluoromethane	BQL	10 #	ug/kg	02/05/93		LJS	
1,1-Dichloroethane	9.8	5.0 #	ug/kg	02/05/93		LJS	
1,2-Dichloroethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1-Dichloroethene	BQL	5.0 #	ug/kg	02/05/93		LJS	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
cis-1,2-Dichloroethene	38	5.0 #	ug/kg	02/05/93		LJS	
trans-1,2-Dichloroethene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2-Dichloropropane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,3-Dichloropropane	BQL	5.0 #	ug/kg	02/05/93		LJS	
2,2-Dichloropropane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1-Dichloropropane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Ethylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Hexachlorobutadiene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Isopropylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
p-Isopropyltoluene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Methylene Chloride	8.9)E 720	5.0 #	ug/kg	02/05/93		LJS	
M-t-butyl-ether	BQL	5.0 #	ug/kg	02/05/93		LJS	
Naphthalene	BQL	5.0 #	ug/kg	02/05/93		LJS	
n-Propylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Styrene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1,1,2-Tetrachloroethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1,2,2-Tetrachloroethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Tetrachloroethene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Toluene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2,3-Trichlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2,4-Trichlorobenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1,1-Trichloroethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,1,2-Trichloroethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
Trichloroethene	E 580	5.0 #	ug/kg	02/05/93		LJS	
Trichlorofluoromethane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2,3-Trichloropropane	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,2,4-Trimethylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
1,3,5-Trimethylbenzene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Vinyl Chloride	BQL	10 #	ug/kg	02/05/93		LJS	
o-Xylene	BQL	5.0 #	ug/kg	02/05/93		LJS	
m/p-Xylene	BQL	5.0 #	ug/kg	02/05/93		LJS	
Dry Weight	84		%	02/04/93		JAH	
Total Organic Carbon	1200 **		mg/kg	02/09/93		MJH	EPA 415.1

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301175

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

The organic data is reported out on a dry-weight basis.

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

This sample was run by method 8260 beyond the hold time due to a laboratory error. The elevated detection limits reflect this change in methodology.

(B) - Analyte found in the associated method blank. The value in parentheses is the blank value with the dilution factor taken into account. The actual value for the blank was 7.8 ug/l.

* The high value for methylene chloride is due to PAL contamination.

E - Estimated concentration, analyte was above the calibration range.

** Results based on one gram dry sample.

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine Plant No. 1

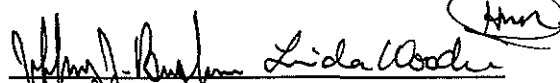
Date Received: 01/21/93

Date Reported: 02/09/93

PAL ORDER #: 9301194

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
BLK04	01A	01/21/93
MSB9-GW-6-11	02A	01/21/93
MSB9-GW-6-11	02B	01/21/93
MSB9-SS-9-11	03A	01/21/93
MSB9-SS-3-5	04A	01/21/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

Page 1
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: BLK04		Lab ID: 9301194-01A		Collected: 01/21/93			
8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/26/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/26/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/26/93		JAH	
Bromoform	BQL	3.0 ug/l		01/26/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/26/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/26/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/26/93		JAH	
Chloroform	BQL	1.0 ug/l		01/26/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/26/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/26/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/26/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/26/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/26/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/26/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/26/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/26/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/26/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/26/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/26/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Styrene	BQL	1.0 ug/l		01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/26/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/26/93		JAH	
Toluene	BQL	1.0 ug/l		01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/26/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/26/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/26/93		JAH	

Sample ID: MSB9-GW-6-11

Lab ID: 9301194-02A

Collected: 01/21/93

8021 - Water							8021
Benzene	BQL	100 # ug/l		01/29/93		JAH	
Bromobenzene	BQL	100 # ug/l		01/29/93		JAH	
Bromochloromethane	BQL	100 # ug/l		01/29/93		JAH	
Bromodichloromethane	BQL	100 # ug/l		01/29/93		JAH	
Bromoform	BQL	300 # ug/l		01/29/93		JAH	
Bromomethane	BQL	100 # ug/l		01/29/93		JAH	
n-Butylbenzene	BQL	100 # ug/l		01/29/93		JAH	
sec-Butylbenzene	BQL	100 # ug/l		01/29/93		JAH	
tert-Butylbenzene	BQL	100 # ug/l		01/29/93		JAH	
Carbon tetrachloride	BQL	100 # ug/l		01/29/93		JAH	
Chlorobenzene	BQL	100 # ug/l		01/29/93		JAH	
Chloroethane	BQL	200 # ug/l		01/29/93		JAH	
Chloroform	BQL	100 # ug/l		01/29/93		JAH	
Chloromethane	BQL	100 # ug/l		01/29/93		JAH	
2-Chlorotoluene	BQL	100 # ug/l		01/29/93		JAH	
4-Chlorotoluene	BQL	100 # ug/l		01/29/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	500 # ug/l		01/29/93		JAH	
Dibromochloromethane	BQL	100 # ug/l		01/29/93		JAH	
1,2-Dibromoethane	BQL	100 # ug/l		01/29/93		JAH	
Dibromomethane	BQL	100 # ug/l		01/29/93		JAH	
1,2-Dichlorobenzene	BQL	100 # ug/l		01/29/93		JAH	
1,3-Dichlorobenzene	BQL	100 # ug/l		01/29/93		JAH	
1,4-Dichlorobenzene	BQL	100 # ug/l		01/29/93		JAH	
Dichlorodifluoromethane	BQL	200 # ug/l		01/29/93		JAH	
1,1-Dichloroethane	BQL	100 # ug/l		01/29/93		JAH	
1,2-Dichloroethane	BQL	100 # ug/l		01/29/93		JAH	
1,1-Dichloroethene	BQL	100 # ug/l		01/29/93		JAH	
cis-1,2-Dichloroethene	BQL	100 # ug/l		01/29/93		JAH	
trans-1,2-Dichloroethene	BQL	100 # ug/l		01/29/93		JAH	
1,2-Dichloropropane	BQL	100 # ug/l		01/29/93		JAH	
1,3-Dichloropropane	BQL	100 # ug/l		01/29/93		JAH	
2,2-Dichloropropane	BQL	100 # ug/l		01/29/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water						8021	
1,1-Dichloropropene	BQL	100 #	ug/l	01/29/93		JAH	
Ethylbenzene	BQL	100 #	ug/l	01/29/93		JAH	
Hexachlorobutadiene	BQL	100 #	ug/l	01/29/93		JAH	
Isopropylbenzene	BQL	100 #	ug/l	01/29/93		JAH	
p-Isopropyltoluene	BQL	100 #	ug/l	01/29/93		JAH	
Methylene Chloride	BQL	100 #	ug/l	01/29/93		JAH	
M-t-butyl-ether	BQL	100 #	ug/l	01/29/93		JAH	
Naphthalene	BQL	100 #	ug/l	01/29/93		JAH	
n-Propylbenzene	BQL	100 #	ug/l	01/29/93		JAH	
Styrene	BQL	100 #	ug/l	01/29/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	100 #	ug/l	01/29/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	100 #	ug/l	01/29/93		JAH	
Tetrachloroethene	BQL	100 #	ug/l	01/29/93		JAH	
Toluene	BQL	100 #	ug/l	01/29/93		JAH	
1,2,3-Trichlorobenzene	BQL	100 #	ug/l	01/29/93		JAH	
1,2,4-Trichlorobenzene	BQL	100 #	ug/l	01/29/93		JAH	
1,1,1-Trichloroethane	BQL	100 #	ug/l	01/29/93		JAH	
1,1,2-Trichloroethane	BQL	100 #	ug/l	01/29/93		JAH	
Trichloroethene	2300	100 #	ug/l	01/29/93		JAH	
Trichlorofluoromethane	BQL	100 #	ug/l	01/29/93		JAH	
1,2,3-Trichloropropane	BQL	100 #	ug/l	01/29/93		JAH	
1,2,4-Trimethylbenzene	BQL	100 #	ug/l	01/29/93		JAH	
1,3,5-Trimethylbenzene	BQL	100 #	ug/l	01/29/93		JAH	
Vinyl Chloride	BQL	200 #	ug/l	01/29/93		JAH	
o-Xylene	BQL	100 #	ug/l	01/29/93		JAH	
m/p-Xylene	BQL	100 #	ug/l	01/29/93		JAH	

Sample ID: MSB9-GW-6-11

Lab ID: 9301194-02B

Collected: 01/21/93

Alkalinity	2600	5.0 ppm		01/22/93		BIK	EPA 310.1
Chemical Oxygen Demand	610	5.0 mg/l		01/29/93		MHM	EPA 410.1
Iron in Water	1700	mg/l		01/28/93		LJW	6010
Hardness, Total	34000	mg/l		01/28/93		LJW	EPA 130.2
Metals Digestion	-	-		01/26/93		BHZ	
Total Organic Carbon	480	mg/l		02/02/93		MJH	EPA 415.1

Sample ID: MSB9-SS-9-11

Lab ID: 9301194-03A

Collected: 01/21/93

8021 - Soil						8021	
Benzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Bromobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Bromochloromethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
Bromodichloromethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
Bromoform	BQL	16 #	ug/kg	02/04/93		JAH	
Bromomethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
n-Butylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
sec-Butylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 4
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
tert-Butylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Carbon tetrachloride	BQL	5.2 #	ug/kg	02/04/93		JAH	
Chlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Chloroethane	BQL	10 #	ug/kg	02/04/93		JAH	
Chloroform	BQL	5.2 #	ug/kg	02/04/93		JAH	
Chloromethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
2-Chlorotoluene	BQL	5.2 #	ug/kg	02/04/93		JAH	
4-Chlorotoluene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	26 #	ug/kg	02/04/93		JAH	
Dibromochloromethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2-Dibromoethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
Dibromomethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2-Dichlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,3-Dichlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,4-Dichlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Dichlorodifluoromethane	BQL	10 #	ug/kg	02/04/93		JAH	
1,1-Dichloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2-Dichloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1-Dichloroethene	BQL	5.2 #	ug/kg	02/04/93		JAH	
cis-1,2-Dichloroethene	BQL	5.2 #	ug/kg	02/04/93		JAH	
trans-1,2-Dichloroethene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2-Dichloropropane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,3-Dichloropropane	BQL	5.2 #	ug/kg	02/04/93		JAH	
2,2-Dichloropropane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1-Dichloropropene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Ethylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Hexachlorobutadiene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Isopropylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
p-Isopropyltoluene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Methylene Chloride	* 1000	5.2 #	ug/kg	02/04/93		JAH	
M-t-butyl-ether	BQL	5.2 #	ug/kg	02/04/93		JAH	
Naphthalene	BQL	5.2 #	ug/kg	02/04/93		JAH	
n-Propylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Styrene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
Tetrachloroethene	21	5.2 #	ug/kg	02/04/93		JAH	
Toluene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2,3-Trichlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1,1-Trichloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,1,2-Trichloroethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
Trichloroethene	150	5.2 #	ug/kg	02/04/93		JAH	
Trichlorofluoromethane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2,3-Trichloropropane	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.2 #	ug/kg	02/04/93		JAH	
Vinyl Chloride	BQL	10 #	ug/kg	02/04/93		JAH	
o-Xylene	BQL	5.2 #	ug/kg	02/04/93		JAH	
m/p-Xylene	BQL	5.2 #	ug/kg	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 5
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Total Organic Carbon	370**		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB9-SS-3-5

Lab ID: 9301194-04A

Collected: 01/21/93

8021 - Soil						8021
Benzene	BQL	1.3	ug/kg	02/03/93		JAH
Bromobenzene	BQL	1.3	ug/kg	02/03/93		JAH
Bromochloromethane	BQL	1.3	ug/kg	02/03/93		JAH
Bromodichloromethane	BQL	1.3	ug/kg	02/03/93		JAH
Bromoform	BQL	4.0	ug/kg	02/03/93		JAH
Bromomethane	BQL	1.3	ug/kg	02/03/93		JAH
n-Butylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
sec-Butylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
tert-Butylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
Carbon tetrachloride	BQL	1.3	ug/kg	02/03/93		JAH
Chlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH
Chloroethane	BQL	2.6	ug/kg	02/03/93		JAH
Chloroform	BQL	1.3	ug/kg	02/03/93		JAH
Chloromethane	BQL	1.3	ug/kg	02/03/93		JAH
2-Chlorotoluene	BQL	1.3	ug/kg	02/03/93		JAH
4-Chlorotoluene	BQL	1.3	ug/kg	02/03/93		JAH
1,2-Dibromo-3-chloropropa	BQL	6.6	ug/kg	02/03/93		JAH
Dibromochloromethane	BQL	1.3	ug/kg	02/03/93		JAH
1,2-Dibromoethane	BQL	1.3	ug/kg	02/03/93		JAH
Dibromomethane	BQL	1.3	ug/kg	02/03/93		JAH
1,2-Dichlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH
1,3-Dichlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH
1,4-Dichlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH
Dichlorodifluoromethane	BQL	2.6	ug/kg	02/03/93		JAH
1,1-Dichloroethane	BQL	1.3	ug/kg	02/03/93		JAH
1,2-Dichloroethane	BQL	1.3	ug/kg	02/03/93		JAH
1,1-Dichloroethene	BQL	1.3	ug/kg	02/03/93		JAH
cis-1,2-Dichloroethene	BQL	1.3	ug/kg	02/03/93		JAH
trans-1,2-Dichloroethene	BQL	1.3	ug/kg	02/03/93		JAH
1,2-Dichloropropane	BQL	1.3	ug/kg	02/03/93		JAH
1,3-Dichloropropane	BQL	1.3	ug/kg	02/03/93		JAH
2,2-Dichloropropane	BQL	1.3	ug/kg	02/03/93		JAH
1,1-Dichloropropene	BQL	1.3	ug/kg	02/03/93		JAH
Ethylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
Hexachlorobutadiene	BQL	1.3	ug/kg	02/03/93		JAH
Isopropylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
p-Isopropyltoluene	BQL	1.3	ug/kg	02/03/93		JAH
Methylene Chloride	BQL	1.3	ug/kg	02/03/93		JAH
M-t-butyl-ether	BQL	1.3	ug/kg	02/03/93		JAH
Naphthalene	BQL	1.3	ug/kg	02/03/93		JAH
n-Propylbenzene	BQL	1.3	ug/kg	02/03/93		JAH
Styrene	BQL	1.3	ug/kg	02/03/93		JAH
1,1,1,2-Tetrachloroethane	BQL	1.3	ug/kg	02/03/93		JAH
1,1,2,2-Tetrachloroethane	BQL	1.3	ug/kg	02/03/93		JAH

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 6
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Tetrachloroethene	BQL	1.3	ug/kg	02/03/93		JAH	
Toluene	BQL	1.3	ug/kg	02/03/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.3	ug/kg	02/03/93		JAH	
1,1,1-Trichloroethane	BQL	1.3	ug/kg	02/03/93		JAH	
1,1,2-Trichloroethane	BQL	1.3	ug/kg	02/03/93		JAH	
Trichloroethene	E 100	1.3	ug/kg	02/03/93		JAH	
Trichlorofluoromethane	BQL	1.3	ug/kg	02/03/93		JAH	
1,2,3-Trichloropropane	BQL	1.3	ug/kg	02/03/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.3	ug/kg	02/03/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.3	ug/kg	02/03/93		JAH	
Vinyl Chloride	BQL	2.6	ug/kg	02/03/93		JAH	
o-Xylene	BQL	1.3	ug/kg	02/03/93		JAH	
m/p-Xylene	BQL	1.3	ug/kg	02/03/93		JAH	
Total Organic Carbon	430**		mg/kg	02/09/93		MJH	EPA 415.1

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301194

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

E - Estimated concentration, analyte was above the calibration range.

Elevated detection limit due to sample concentration.

* Contamination due to laboratory error.

** Results based on one gram dry sample.

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/26/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine

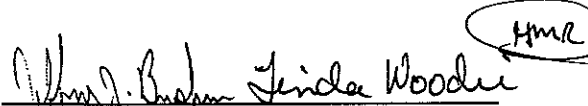
Date Received: 01/22/93

Date Reported: 02/11/93

PAL ORDER #: 9301204

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
BLK05	01A	01/22/93
MSB7-GW-12-15	02A	01/22/93
MSB7-SS-5-6	03A	01/22/93
MSB7-SS-6-7	04A	01/22/93
MSB7-SS-7-9	05A	01/22/93
MFB01	06A	01/22/93
MFB01	06B	01/22/93
MSB7-GW-18-28	07A	01/22/93
MSB7-GW-18-28	07B	01/22/93
MSB7-GWD-18-28	08A	01/22/93
MSB7-GWD-18-28	08B	01/22/93
MSB10-SS-1-3	09A	01/22/93
MSB10-SS-3-5	10A	01/22/93
MSB7-3-5	11A	01/22/93
MSB7-9-11	12A	01/22/93
MSB10-SS-9-11	13A	01/22/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: BLK05		Lab ID: 9301204-01A		Collected: 01/22/93			
8021 - Water							8021
Benzene	BQL	1.0	ug/l	01/26/93		JAH	
Bromobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	01/26/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	01/26/93		JAH	
Bromoform	BQL	3.0	ug/l	01/26/93		JAH	
Bromomethane	BQL	1.0	ug/l	01/26/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	01/26/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Chloroethane	BQL	2.0	ug/l	01/26/93		JAH	
Chloroform	BQL	1.0	ug/l	01/26/93		JAH	
Chloromethane	BQL	1.0	ug/l	01/26/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	01/26/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	01/26/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	01/26/93		JAH	
Dibromomethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	01/26/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	01/26/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,1-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	01/26/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	01/26/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	01/26/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	01/26/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	01/26/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	01/26/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	01/26/93		JAH	
Naphthalene	BQL	1.0	ug/l	01/26/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	01/26/93		JAH	
Styrene	BQL	1.0	ug/l	01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	01/26/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	01/26/93		JAH	
Toluene	BQL	1.0	ug/l	01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/26/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/26/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/26/93		JAH	

Sample ID: MSB7-GW-12-15

Lab ID: 9301204-02A

Collected: 01/22/93

8021 - Water							8021
Benzene	BQL	25 # ug/l		01/26/93		JAH	
Bromobenzene	BQL	25 # ug/l		01/26/93		JAH	
Bromochloromethane	BQL	25 # ug/l		01/26/93		JAH	
Bromodichloromethane	BQL	25 # ug/l		01/26/93		JAH	
Bromoform	BQL	75 # ug/l		01/26/93		JAH	
Bromomethane	BQL	25 # ug/l		01/26/93		JAH	
n-Butylbenzene	BQL	25 # ug/l		01/26/93		JAH	
sec-Butylbenzene	BQL	25 # ug/l		01/26/93		JAH	
tert-Butylbenzene	BQL	25 # ug/l		01/26/93		JAH	
Carbon tetrachloride	BQL	25 # ug/l		01/26/93		JAH	
Chlorobenzene	BQL	25 # ug/l		01/26/93		JAH	
Chloroethane	BQL	50 # ug/l		01/26/93		JAH	
Chloroform	BQL	25 # ug/l		01/26/93		JAH	
Chloromethane	BQL	25 # ug/l		01/26/93		JAH	
2-Chlorotoluene	BQL	25 # ug/l		01/26/93		JAH	
4-Chlorotoluene	BQL	25 # ug/l		01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	120 # ug/l		01/26/93		JAH	
Dibromochloromethane	BQL	25 # ug/l		01/26/93		JAH	
1,2-Dibromoethane	BQL	25 # ug/l		01/26/93		JAH	
Dibromomethane	BQL	25 # ug/l		01/26/93		JAH	
1,2-Dichlorobenzene	BQL	25 # ug/l		01/26/93		JAH	
1,3-Dichlorobenzene	BQL	25 # ug/l		01/26/93		JAH	
1,4-Dichlorobenzene	BQL	25 # ug/l		01/26/93		JAH	
Dichlorodifluoromethane	BQL	50 # ug/l		01/26/93		JAH	
1,1-Dichloroethane	BQL	25 # ug/l		01/26/93		JAH	
1,2-Dichloroethane	BQL	25 # ug/l		01/26/93		JAH	
1,1-Dichloroethene	BQL	25 # ug/l		01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	25 # ug/l		01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	25 # ug/l		01/26/93		JAH	
1,2-Dichloropropane	BQL	25 # ug/l		01/26/93		JAH	
1,3-Dichloropropane	BQL	25 # ug/l		01/26/93		JAH	
2,2-Dichloropropane	BQL	25 # ug/l		01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 3
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloropropene	BQL	25 #	ug/l	01/26/93		JAH	
Ethylbenzene	BQL	25 #	ug/l	01/26/93		JAH	
Hexachlorobutadiene	BQL	25 #	ug/l	01/26/93		JAH	
Isopropylbenzene	BQL	25 #	ug/l	01/26/93		JAH	
p-Isopropyltoluene	BQL	25 #	ug/l	01/26/93		JAH	
Methylene Chloride	BQL	25 #	ug/l	01/26/93		JAH	
M-t-butyl-ether	BQL	25 #	ug/l	01/26/93		JAH	
Naphthalene	BQL	25 #	ug/l	01/26/93		JAH	
n-Propylbenzene	BQL	25 #	ug/l	01/26/93		JAH	
Styrene	BQL	25 #	ug/l	01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	25 #	ug/l	01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	25 #	ug/l	01/26/93		JAH	
Tetrachloroethene	BQL	25 #	ug/l	01/26/93		JAH	
Toluene	BQL	25 #	ug/l	01/26/93		JAH	
1,2,3-Trichlorobenzene	BQL	25 #	ug/l	01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	25 #	ug/l	01/26/93		JAH	
1,1,1-Trichloroethane	BQL	25 #	ug/l	01/26/93		JAH	
1,1,2-Trichloroethane	BQL	25 #	ug/l	01/26/93		JAH	
Trichloroethene	570	25 #	ug/l	01/26/93		JAH	
Trichlorofluoromethane	BQL	25 #	ug/l	01/26/93		JAH	
1,2,3-Trichloropropane	BQL	25 #	ug/l	01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	25 #	ug/l	01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	25 #	ug/l	01/26/93		JAH	
Vinyl Chloride	BQL	50 #	ug/l	01/26/93		JAH	
o-Xylene	BQL	25 #	ug/l	01/26/93		JAH	
m/p-Xylene	BQL	25 #	ug/l	01/26/93		JAH	

Sample ID: MSB7-SS-5-6

Lab ID: 9301204-03A

Collected: 01/22/93

8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	01/27/93		JAH	
Bromobenzene	8.1	1.2	ug/kg	01/27/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	01/27/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	01/27/93		JAH	
Bromoform	BQL	3.7	ug/kg	01/27/93		JAH	
Bromomethane	BQL	1.2	ug/kg	01/27/93		JAH	
n-Butylbenzene	3.9	1.2	ug/kg	01/27/93		JAH	
sec-Butylbenzene	8.0	1.2	ug/kg	01/27/93		JAH	
tert-Butylbenzene	8.4	1.2	ug/kg	01/27/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	01/27/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
Chloroethane	BQL	2.4	ug/kg	01/27/93		JAH	
Chloroform	BQL	1.2	ug/kg	01/27/93		JAH	
Chloromethane	BQL	1.2	ug/kg	01/27/93		JAH	
2-Chlorotoluene	4.9	1.2	ug/kg	01/27/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	01/27/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	6.1	ug/kg	01/27/93		JAH	
Dibromochloromethane	BQL	1.2	ug/kg	01/27/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 4
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,2-Dibromoethane	BQL	1.2	ug/kg	01/27/93		JAH	
Dibromomethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,2-Dichlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
1,3-Dichlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
1,4-Dichlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
Dichlorodifluoromethane	BQL	2.4	ug/kg	01/27/93		JAH	
1,1-Dichloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,2-Dichloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,1-Dichloroethene	BQL	1.2	ug/kg	01/27/93		JAH	
cis-1,2-Dichloroethene	2.0	1.2	ug/kg	01/27/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	01/27/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	01/27/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	01/27/93		JAH	
2,2-Dichloropropane	BQL	1.2	ug/kg	01/27/93		JAH	
1,1-Dichloropropene	BQL	1.2	ug/kg	01/27/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	01/27/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	01/27/93		JAH	
Isopropylbenzene	3.1	1.2	ug/kg	01/27/93		JAH	
p-Isopropyltoluene	3.7	1.2	ug/kg	01/27/93		JAH	
Methylene Chloride	BQL	1.2	ug/kg	01/27/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	01/27/93		JAH	
Naphthalene	BQL	1.2	ug/kg	01/27/93		JAH	
n-Propylbenzene	3.1	1.2	ug/kg	01/27/93		JAH	
Styrene	BQL	1.2	ug/kg	01/27/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
Tetrachloroethene	BQL	1.2	ug/kg	01/27/93		JAH	
Toluene	BQL	1.2	ug/kg	01/27/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2	ug/kg	01/27/93		JAH	
1,1,1-Trichloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,1,2-Trichloroethane	BQL	1.2	ug/kg	01/27/93		JAH	
Trichloroethene	57	1.2	ug/kg	01/27/93		JAH	
Trichlorofluoromethane	BQL	1.2	ug/kg	01/27/93		JAH	
1,2,3-Trichloropropane	BQL	1.2	ug/kg	01/27/93		JAH	
1,2,4-Trimethylbenzene	6.7	1.2	ug/kg	01/27/93		JAH	
1,3,5-Trimethylbenzene	1.3	1.2	ug/kg	01/27/93		JAH	
Vinyl Chloride	BQL	2.4	ug/kg	01/27/93		JAH	
o-Xylene	BQL	1.2	ug/kg	01/27/93		JAH	
m/p-Xylene	BQL	1.2	ug/kg	01/27/93		JAH	
Total Organic Carbon	7500**		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB7-SS-6-7

Lab ID: 9301204-04A

Collected: 01/22/93

8021 - Soil							8021
Benzene	BQL	4.9	# ug/kg	02/01/93		JAH	
Bromobenzene	BQL	4.9	# ug/kg	02/01/93		JAH	
Bromochloromethane	BQL	4.9	# ug/kg	02/01/93		JAH	

BQL - Below Quantification Limit

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Bromodichloromethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
Bromoform	BQL	15 #	ug/kg	02/01/93		JAH	
Bromomethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
n-Butylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
sec-Butylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
tert-Butylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Carbon tetrachloride	BQL	4.9 #	ug/kg	02/01/93		JAH	
Chlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Chloroethane	BQL	9.9 #	ug/kg	02/01/93		JAH	
Chloroform	BQL	4.9 #	ug/kg	02/01/93		JAH	
Chloromethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
2-Chlorotoluene	BQL	4.9 #	ug/kg	02/01/93		JAH	
4-Chlorotoluene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	25 #	ug/kg	02/01/93		JAH	
Dibromochloromethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2-Dibromoethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
Dibromomethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2-Dichlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,3-Dichlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,4-Dichlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Dichlorodifluoromethane	BQL	9.9 #	ug/kg	02/01/93		JAH	
1,1-Dichloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2-Dichloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1-Dichloroethene	BQL	4.9 #	ug/kg	02/01/93		JAH	
cis-1,2-Dichloroethene	BQL	4.9 #	ug/kg	02/01/93		JAH	
trans-1,2-Dichloroethene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2-Dichloropropane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,3-Dichloropropane	BQL	4.9 #	ug/kg	02/01/93		JAH	
2,2-Dichloropropane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1-Dichloropropene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Ethylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Hexachlorobutadiene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Isopropylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
p-Isopropyltoluene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Methylene Chloride	BQL	4.9 #	ug/kg	02/01/93		JAH	
M-t-butyl-ether	BQL	4.9 #	ug/kg	02/01/93		JAH	
Naphthalene	BQL	4.9 #	ug/kg	02/01/93		JAH	
n-Propylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Styrene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
Tetrachloroethene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Toluene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2,3-Trichlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2,4-Trichlorobenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1,1-Trichloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,1,2-Trichloroethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
Trichloroethene	92	4.9 #	ug/kg	02/01/93		JAH	
Trichlorofluoromethane	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,2,3-Trichloropropane	BQL	4.9 #	ug/kg	02/01/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,2,4-Trimethylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
1,3,5-Trimethylbenzene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Vinyl Chloride	BQL	9.9 #	ug/kg	02/01/93		JAH	
o-Xylene	BQL	4.9 #	ug/kg	02/01/93		JAH	
m/p-Xylene	BQL	4.9 #	ug/kg	02/01/93		JAH	
Total Organic Carbon	520**		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB7-SS-7-9

Lab ID: 9301204-05A

Collected: 01/22/93

8021 - Soil							8021
Benzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Bromobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Bromochloromethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
Bromodichloromethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
Bromoform	BQL	14 #	ug/kg	02/01/93		JAH	
Bromomethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
n-Butylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
sec-Butylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
tert-Butylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Carbon tetrachloride	BQL	4.8 #	ug/kg	02/01/93		JAH	
Chlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Chloroethane	BQL	9.6 #	ug/kg	02/01/93		JAH	
Chloroform	BQL	4.8 #	ug/kg	02/01/93		JAH	
Chloromethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
2-Chlorotoluene	BQL	4.8 #	ug/kg	02/01/93		JAH	
4-Chlorotoluene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	24 #	ug/kg	02/01/93		JAH	
Dibromochloromethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2-Dibromoethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
Dibromomethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2-Dichlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,3-Dichlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,4-Dichlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Dichlorodifluoromethane	BQL	9.6 #	ug/kg	02/01/93		JAH	
1,1-Dichloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2-Dichloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1-Dichloroethene	BQL	4.8 #	ug/kg	02/01/93		JAH	
cis-1,2-Dichloroethene	BQL	4.8 #	ug/kg	02/01/93		JAH	
trans-1,2-Dichloroethene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2-Dichloropropane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,3-Dichloropropane	BQL	4.8 #	ug/kg	02/01/93		JAH	
2,2-Dichloropropane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1-Dichloropropene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Ethylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Hexachlorobutadiene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Isopropylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
p-Isopropyltoluene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Methylene Chloride	BQL	4.8 #	ug/kg	02/01/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 7
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
M-t-butyl-ether	BQL	4.8 #	ug/kg	02/01/93		JAH	
Naphthalene	BQL	4.8 #	ug/kg	02/01/93		JAH	
n-Propylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Styrene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
Tetrachloroethene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Toluene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2,3-Trichlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2,4-Trichlorobenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1,1-Trichloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,1,2-Trichloroethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
Trichloroethene	180	4.8 #	ug/kg	02/01/93		JAH	
Trichlorofluoromethane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2,3-Trichloropropane	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,2,4-Trimethylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
1,3,5-Trimethylbenzene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Vinyl Chloride	BQL	9.6 #	ug/kg	02/01/93		JAH	
o-Xylene	BQL	4.8 #	ug/kg	02/01/93		JAH	
m/p-Xylene	BQL	4.8 #	ug/kg	02/01/93		JAH	
Total Organic Carbon	430**		mg/l	02/09/93		MJH	EPA 415.1

Sample ID: MFB01

Lab ID: 9301204-06A

Collected: 01/22/93

Alkalinity	4.1	5.0 ppm		01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	BQL	5.0 mg/l		01/29/93		MHM	EPA 410.1
Iron in Water	0.86	mg/l		01/28/93		LJW	6010
Hardness, Total	17	mg/l		01/28/93		LJW	EPA 130.2
Metals Digestion	-	-		01/26/93		BHZ	
Total Organic Carbon	BQL	1.0 mg/l		02/09/93		MJH	EPA 415.1

Sample ID: MFB01

Lab ID: 9301204-06B

Collected: 01/22/93

8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/26/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/26/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/26/93		JAH	
Bromoform	BQL	3.0 ug/l		01/26/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/26/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/26/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/26/93		JAH	
Chloroform	BQL	1.0 ug/l		01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 8
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
Chloromethane	BQL	1.0 ug/l		01/26/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/26/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/26/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/26/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/26/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/26/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/26/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/26/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/26/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/26/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/26/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Styrene	BQL	1.0 ug/l		01/26/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/26/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/26/93		JAH	
Toluene	BQL	1.0 ug/l		01/26/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/26/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/26/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/26/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/26/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/26/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/26/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/26/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB7-GW-18-28		Lab ID: 9301204-07A		Collected: 01/22/93			
Alkalinity	3600	5.0	ppm	01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	340	5.0	mg/l	01/29/93		MHM	EPA 410.1
Iron in Water	340		mg/l	01/28/93		LJW	6010
Hardness, Total	44000		mg/l	01/29/93		LJW	EPA 130.2
Metals Digestion	-		-	01/27/93		BHZ	
Total Organic Carbon	330		mg/l	02/09/93		MJH	EPA 415.1

Sample ID: MSB7-GW-18-28		Lab ID: 9301204-07B		Collected: 01/22/93			
8021 - Water							8021
Benzene	BQL	25	*# ug/l	02/05/93		LJS	
Bromobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Bromochloromethane	BQL	25	*# ug/l	02/05/93		LJS	
Bromodichloromethane	BQL	25	*# ug/l	02/05/93		LJS	
Bromoform	BQL	75	*# ug/l	02/05/93		LJS	
Bromomethane	BQL	25	*# ug/l	02/05/93		LJS	
n-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
sec-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
tert-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Carbon tetrachloride	BQL	25	*# ug/l	02/05/93		LJS	
Chlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Chloroethane	BQL	50	*# ug/l	02/05/93		LJS	
Chloroform	BQL	25	*# ug/l	02/05/93		LJS	
Chloromethane	BQL	25	*# ug/l	02/05/93		LJS	
2-Chlorotoluene	BQL	25	*# ug/l	02/05/93		LJS	
4-Chlorotoluene	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dibromo-3-chloropropa	BQL	120	*# ug/l	02/05/93		LJS	
Dibromochloromethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dibromoethane	BQL	25	*# ug/l	02/05/93		LJS	
Dibromomethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,3-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,4-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Dichlorodifluoromethane	BQL	50	*# ug/l	02/05/93		LJS	
1,1-Dichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
cis-1,2-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
trans-1,2-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,3-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
2,2-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,1-Dichloropropene	BQL	25	*# ug/l	02/05/93		LJS	
Ethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Hexachlorobutadiene	BQL	25	*# ug/l	02/05/93		LJS	
Isopropylbenzene	BQL	25	*# ug/l	02/05/93		LJS	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
p-Isopropyltoluene	BQL	25	*# ug/l	02/05/93		LJS	
Methylene Chloride	(7.8) 35	25	*# ug/l	02/05/93		LJS	
M-t-butyl-ether	BQL	25	*# ug/l	02/05/93		LJS	
Naphthalene	BQL	25	*# ug/l	02/05/93		LJS	
n-Propylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Styrene	BQL	25	*# ug/l	02/05/93		LJS	
1,1,1,2-Tetrachloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1,2,2-Tetrachloroethane	BQL	25	*# ug/l	02/05/93		LJS	
Tetrachloroethene	BQL	25	*# ug/l	02/05/93		LJS	
Toluene	BQL	25	*# ug/l	02/05/93		LJS	
1,2,3-Trichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,2,4-Trichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,1,1-Trichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1,2-Trichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
Trichloroethene	99	25	*# ug/l	02/05/93		LJS	
Trichlorofluoromethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2,3-Trichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,2,4-Trimethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,3,5-Trimethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Vinyl Chloride	BQL	50	*# ug/l	02/05/93		LJS	
o-Xylene	BQL	25	*# ug/l	02/05/93		LJS	
m/p-Xylene	BQL	25	*# ug/l	02/05/93		LJS	

Sample ID: MSB7-GWD-18-28

Lab ID: 9301204-08A

Collected: 01/22/93

Alkalinity	4800	5.0	ppm	01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	230	5.0	mg/l	01/29/93		MHM	EPA 410.1
Iron in Water	290		mg/l	01/28/93		LJW	6010
Hardness, Total	28000		mg/l	01/29/93		LJW	EPA 130.2
Metals Digestion	-	-		01/27/93		BHZ	
Total Organic Carbon	26		mg/l	02/09/93		MJH	EPA 415.1

Sample ID: MSB7-GWD-18-28

Lab ID: 9301204-08B

Collected: 01/22/93

8021 - Water							8021
Benzene	BQL	25	*# ug/l	02/05/93		LJS	
Bromobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Bromochloromethane	BQL	25	*# ug/l	02/05/93		LJS	
Bromodichloromethane	BQL	25	*# ug/l	02/05/93		LJS	
Bromoform	BQL	75	*# ug/l	02/05/93		LJS	
Bromomethane	BQL	25	*# ug/l	02/05/93		LJS	
n-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
sec-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
tert-Butylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Carbon tetrachloride	BQL	25	*# ug/l	02/05/93		LJS	
Chlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Chloroethane	BQL	50	*# ug/l	02/05/93		LJS	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 11
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
Chloroform	BQL	25	*# ug/l	02/05/93		LJS	
Chloromethane	BQL	25	*# ug/l	02/05/93		LJS	
2-Chlorotoluene	BQL	25	*# ug/l	02/05/93		LJS	
4-Chlorotoluene	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dibromo-3-chloropropa	BQL	120	*# ug/l	02/05/93		LJS	
Dibromochloromethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dibromoethane	BQL	25	*# ug/l	02/05/93		LJS	
Dibromomethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,3-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,4-Dichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
Dichlorodifluoromethane	BQL	50	*# ug/l	02/05/93		LJS	
1,1-Dichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
cis-1,2-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
trans-1,2-Dichloroethene	BQL	25	*# ug/l	02/05/93		LJS	
1,2-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,3-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
2,2-Dichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,1-Dichloropropene	BQL	25	*# ug/l	02/05/93		LJS	
Ethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Hexachlorobutadiene	BQL	25	*# ug/l	02/05/93		LJS	
Isopropylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
p-Isopropyltoluene	BQL	25	*# ug/l	02/05/93		LJS	
Methylene Chloride	(7.8) 33	25	*# ug/l	02/05/93		LJS	
M-t-butyl-ether	BQL	25	*# ug/l	02/05/93		LJS	
Naphthalene	BQL	25	*# ug/l	02/05/93		LJS	
n-Propylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Styrene	BQL	25	*# ug/l	02/05/93		LJS	
1,1,1,2-Tetrachloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1,2,2-Tetrachloroethane	BQL	25	*# ug/l	02/05/93		LJS	
Tetrachloroethene	BQL	25	*# ug/l	02/05/93		LJS	
Toluene	BQL	25	*# ug/l	02/05/93		LJS	
1,2,3-Trichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,2,4-Trichlorobenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,1,1-Trichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
1,1,2-Trichloroethane	BQL	25	*# ug/l	02/05/93		LJS	
Trichloroethene	100	25	*# ug/l	02/05/93		LJS	
Trichlorofluoromethane	BQL	25	*# ug/l	02/05/93		LJS	
1,2,3-Trichloropropane	BQL	25	*# ug/l	02/05/93		LJS	
1,2,4-Trimethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
1,3,5-Trimethylbenzene	BQL	25	*# ug/l	02/05/93		LJS	
Vinyl Chloride	BQL	50	*# ug/l	02/05/93		LJS	
o-Xylene	BQL	25	*# ug/l	02/05/93		LJS	
m/p-Xylene	BQL	25	*# ug/l	02/05/93		LJS	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 12
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB10-SS-1-3			Lab ID: 9301204-09A	Collected: 01/22/93			
8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	01/29/93		JAH	
Bromobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	01/29/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	01/29/93		JAH	
Bromoform	BQL	3.6	ug/kg	01/29/93		JAH	
Bromomethane	BQL	1.2	ug/kg	01/29/93		JAH	
n-Butylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
sec-Butylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
tert-Butylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	01/29/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Chloroethane	BQL	2.4	ug/kg	01/29/93		JAH	
Chloroform	BQL	1.2	ug/kg	01/29/93		JAH	
Chloromethane	BQL	1.2	ug/kg	01/29/93		JAH	
2-Chlorotoluene	BQL	1.2	ug/kg	01/29/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	01/29/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	6.0	ug/kg	01/29/93		JAH	
Dibromochloromethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,2-Dibromoethane	BQL	1.2	ug/kg	01/29/93		JAH	
Dibromomethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,2-Dichlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
1,3-Dichlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
1,4-Dichlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Dichlorodifluoromethane	BQL	2.4	ug/kg	01/29/93		JAH	
1,1-Dichloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,2-Dichloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,1-Dichloroethene	BQL	1.2	ug/kg	01/29/93		JAH	
cis-1,2-Dichloroethene	BQL	1.2	ug/kg	01/29/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	01/29/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	01/29/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	01/29/93		JAH	
2,2-Dichloropropane	BQL	1.2	ug/kg	01/29/93		JAH	
1,1-Dichloropropene	BQL	1.2	ug/kg	01/29/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	01/29/93		JAH	
Isopropylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
p-Isopropyltoluene	BQL	1.2	ug/kg	01/29/93		JAH	
Methylene Chloride	BQL	1.2	ug/kg	01/29/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	01/29/93		JAH	
Naphthalene	2.3	1.2	ug/kg	01/29/93		JAH	
n-Propylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Styrene	BQL	1.2	ug/kg	01/29/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
Tetrachloroethene	BQL	1.2	ug/kg	01/29/93		JAH	
Toluene	BQL	1.2	ug/kg	01/29/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M HILL

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,2,3-Trichlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2	ug/kg	01/29/93		JAH	
1,1,1-Trichloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,1,2-Trichloroethane	BQL	1.2	ug/kg	01/29/93		JAH	
Trichloroethene	BQL	1.2	ug/kg	01/29/93		JAH	
Trichlorofluoromethane	BQL	1.2	ug/kg	01/29/93		JAH	
1,2,3-Trichloropropane	BQL	1.2	ug/kg	01/29/93		JAH	
1,2,4-Trimethylbenzene	3.8	1.2	ug/kg	01/29/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.2	ug/kg	01/29/93		JAH	
Vinyl Chloride	BQL	2.4	ug/kg	01/29/93		JAH	
o-Xylene	BQL	1.2	ug/kg	01/29/93		JAH	
m/p-Xylene	BQL	1.2	ug/kg	01/29/93		JAH	
Total Organic Carbon	1400**		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB10-SS-3-5

Lab ID: 9301204-10A

Collected: 01/22/93

8021 - Soil							8021
Benzene	BQL	1.1	ug/kg	01/29/93		JAH	
Bromobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Bromochloromethane	BQL	1.1	ug/kg	01/29/93		JAH	
Bromodichloromethane	BQL	1.1	ug/kg	01/29/93		JAH	
Bromoform	BQL	3.4	ug/kg	01/29/93		JAH	
Bromomethane	BQL	1.1	ug/kg	01/29/93		JAH	
n-Butylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
sec-Butylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
tert-Butylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Carbon tetrachloride	BQL	1.1	ug/kg	01/29/93		JAH	
Chlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Chloroethane	BQL	2.3	ug/kg	01/29/93		JAH	
Chloroform	BQL	1.1	ug/kg	01/29/93		JAH	
Chloromethane	BQL	1.1	ug/kg	01/29/93		JAH	
2-Chlorotoluene	BQL	1.1	ug/kg	01/29/93		JAH	
4-Chlorotoluene	BQL	1.1	ug/kg	01/29/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.6	ug/kg	01/29/93		JAH	
Dibromochloromethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,2-Dibromoethane	BQL	1.1	ug/kg	01/29/93		JAH	
Dibromomethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,2-Dichlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
1,3-Dichlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
1,4-Dichlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Dichlorodifluoromethane	BQL	2.3	ug/kg	01/29/93		JAH	
1,1-Dichloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,2-Dichloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,1-Dichloroethene	BQL	1.1	ug/kg	01/29/93		JAH	
cis-1,2-Dichloroethene	BQL	1.1	ug/kg	01/29/93		JAH	
trans-1,2-Dichloroethene	BQL	1.1	ug/kg	01/29/93		JAH	
1,2-Dichloropropane	BQL	1.1	ug/kg	01/29/93		JAH	
1,3-Dichloropropane	BQL	1.1	ug/kg	01/29/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
2,2-Dichloropropane	BQL	1.1	ug/kg	01/29/93		JAH	
1,1-Dichloropropene	BQL	1.1	ug/kg	01/29/93		JAH	
Ethylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Hexachlorobutadiene	BQL	1.1	ug/kg	01/29/93		JAH	
Isopropylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
p-Isopropyltoluene	BQL	1.1	ug/kg	01/29/93		JAH	
Methylene Chloride	BQL	1.1	ug/kg	01/29/93		JAH	
M-t-butyl-ether	BQL	1.1	ug/kg	01/29/93		JAH	
Naphthalene	BQL	1.1	ug/kg	01/29/93		JAH	
n-Propylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Styrene	BQL	1.1	ug/kg	01/29/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
Tetrachloroethene	BQL	1.1	ug/kg	01/29/93		JAH	
Toluene	BQL	1.1	ug/kg	01/29/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.1	ug/kg	01/29/93		JAH	
1,1,1-Trichloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,1,2-Trichloroethane	BQL	1.1	ug/kg	01/29/93		JAH	
Trichloroethene	BQL	1.1	ug/kg	01/29/93		JAH	
Trichlorofluoromethane	BQL	1.1	ug/kg	01/29/93		JAH	
1,2,3-Trichloropropane	BQL	1.1	ug/kg	01/29/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.1	ug/kg	01/29/93		JAH	
Vinyl Chloride	BQL	2.3	ug/kg	01/29/93		JAH	
o-Xylene	BQL	1.1	ug/kg	01/29/93		JAH	
m/p-Xylene	BQL	1.1	ug/kg	01/29/93		JAH	
Total Organic Carbon	400**		mg/kg	02/09/93		MJH	EPA 415.1

Sample ID: MSB7-3-5

Lab ID: 9301204-11A

Collected: 01/22/93

Sub-Out

02/11/93

GIL

Sample ID: MSB7-9-11

Lab ID: 9301204-12A

Collected: 01/22/93

Sub-Out

02/11/93

GIL

Sample ID: MSB10-SS-9-11

Lab ID: 9301204-13A

Collected: 01/22/93

8021 - Soil

8021

Benzene	BQL	1.1	ug/kg	01/28/93		JAH	
Bromobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Bromochloromethane	BQL	1.1	ug/kg	01/28/93		JAH	
Bromodichloromethane	BQL	1.1	ug/kg	01/28/93		JAH	
Bromoform	BQL	3.2	ug/kg	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 15
03/26/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Bromomethane	BQL	1.1	ug/kg	01/28/93		JAH	
n-Butylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
sec-Butylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
tert-Butylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Carbon tetrachloride	BQL	1.1	ug/kg	01/28/93		JAH	
Chlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Chloroethane	BQL	2.1	ug/kg	01/28/93		JAH	
Chloroform	BQL	1.1	ug/kg	01/28/93		JAH	
Chloromethane	BQL	1.1	ug/kg	01/28/93		JAH	
2-Chlorotoluene	BQL	1.1	ug/kg	01/28/93		JAH	
4-Chlorotoluene	BQL	1.1	ug/kg	01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.3	ug/kg	01/28/93		JAH	
Dibromochloromethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,2-Dibromoethane	BQL	1.1	ug/kg	01/28/93		JAH	
Dibromomethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.1	ug/kg	01/28/93		JAH	
1,1-Dichloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,2-Dichloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,1-Dichloroethene	BQL	1.1	ug/kg	01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.1	ug/kg	01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.1	ug/kg	01/28/93		JAH	
1,2-Dichloropropane	BQL	1.1	ug/kg	01/28/93		JAH	
1,3-Dichloropropane	BQL	1.1	ug/kg	01/28/93		JAH	
2,2-Dichloropropane	BQL	1.1	ug/kg	01/28/93		JAH	
1,1-Dichloropropene	BQL	1.1	ug/kg	01/28/93		JAH	
Ethylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Hexachlorobutadiene	BQL	1.1	ug/kg	01/28/93		JAH	
Isopropylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
p-Isopropyltoluene	BQL	1.1	ug/kg	01/28/93		JAH	
Methylene Chloride	BQL	1.1	ug/kg	01/28/93		JAH	
M-t-butyl-ether	BQL	1.1	ug/kg	01/28/93		JAH	
Naphthalene	BQL	1.1	ug/kg	01/28/93		JAH	
n-Propylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
Styrene	BQL	1.1	ug/kg	01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
Tetrachloroethene	BQL	1.1	ug/kg	01/28/93		JAH	
Toluene	BQL	1.1	ug/kg	01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.1	ug/kg	01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.1	ug/kg	01/28/93		JAH	
Trichloroethene	7.5	1.1	ug/kg	01/28/93		JAH	
Trichlorofluoromethane	BQL	1.1	ug/kg	01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.1	ug/kg	01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.1	ug/kg	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Vinyl Chloride	BQL	2.1	ug/kg	01/28/93		JAH	
o-Xylene	BQL	1.1	ug/kg	01/28/93		JAH	
m/p-Xylene	BQL	1.1	ug/kg	01/28/93		JAH	
Total Organic Carbon	510**		mg/kg	02/09/93		MJH	EPA 415.1

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/26/93

CLIENT: CH2M Hill

PAL Order #: 9301204

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

Elevated detection limit due to sample concentration.

* These samples were run by method 8260 due to hold time consideration; hence, the elevated detection limits.

(B) - Analyte found in the associated method blank. The value in parentheses is the blank value with the dilution factor taken into account. The actual value for the blank was 7.8 ug/l.

The high concentration of methylenen chloride is due to PAL contamination.

** Results based on one gram dry sample.

PRECISION ANALYTICAL LABORATORY
205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine

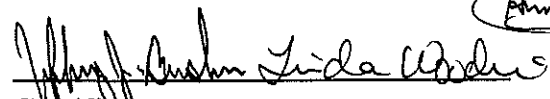
Date Received: 01/25/93

Date Reported: 02/22/93

PAL ORDER #: 9301219

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
BLK06	01A	01/25/93
MSB10-GW-13-23	02A	01/25/93
MSB10-GW-13-23	02B	01/25/93
MSB10-GW-13-23 DUP	03A	01/25/93
MSB11-SS-1-3	04A	01/25/93
MSB11-SS-1-3	04B	01/25/93
MSB11-SSD-1-3	05A	01/25/93
MSB11-SSD-1-3	05B	01/25/93
MSB11-SS-5-7	06A	01/25/93
MSB11-SS-5-7	06B	01/25/93
MSB11-SS-9-11	07A	01/25/93
MSB11-SS-9-11	07B	01/25/93
MSB11-SS-9-11	08A	01/25/93
MSB11-SS-9-11	08B	01/25/93
MSB11-SS-13-15	09A	01/25/93
MSB11-SS-13-15	09B	01/25/93
MSB11-GW-12-15	10A	01/25/93
MSB11-GW-12-115	10B	01/25/93
MSB11-SS-3-5	11A	01/25/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: BLK06		Lab ID: 9301219-01A		Collected: 01/25/93			
8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromoform	BQL	3.0 ug/l		01/28/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/28/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/28/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/28/93		JAH	
Chloroform	BQL	1.0 ug/l		01/28/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/28/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/28/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/28/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/28/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/28/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/28/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/28/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/28/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/28/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Styrene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Toluene	BQL	1.0 ug/l		01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/28/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/28/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/28/93		JAH	

Sample ID: MSB10-GW-13-23

Lab ID: 9301219-02A

Collected: 01/25/93

8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromoform	BQL	3.0 ug/l		01/28/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/28/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/28/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/28/93		JAH	
Chloroform	BQL	1.0 ug/l		01/28/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/28/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/28/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/28/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloropropene	BQL	1.0 ug/l		01/28/93		JAH	
Ethylbenzene	1.2	1.0 ug/l		01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/28/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/28/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/28/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/28/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/28/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Styrene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Toluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/28/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/28/93		JAH	
m/p-Xylene	4.7	1.0 ug/l		01/28/93		JAH	

Sample ID: MSB10-GW-13-23

Lab ID: 9301219-02B

Collected: 01/25/93

Alkalinity	400	5.0 ppm		02/03/93		BIK	EPA 310.1
Chemical Oxygen Demand	160	5.0 mg/l		01/29/93		MHM	EPA 410.1
Iron in Water	77	mg/l		01/29/93		LJW	6010
Hardness, Total	21000	mg/l		01/29/93		LJW	EPA 130.2
Metals Digestion	-	-		01/27/93		BHZ	
Total Organic Carbon	46	mg/l		02/22/93		MJH	EPA 415.1

Sample ID: MSB10-GW-13-23 DUP

Lab ID: 9301219-03A

Collected: 01/25/93

8021 - Water							8021
Benzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		01/28/93		JAH	
Bromoform	BQL	3.0 ug/l		01/28/93		JAH	
Bromomethane	BQL	1.0 ug/l		01/28/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 4
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
tert-Butylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		01/28/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Chloroethane	BQL	2.0 ug/l		01/28/93		JAH	
Chloroform	BQL	1.0 ug/l		01/28/93		JAH	
Chloromethane	BQL	1.0 ug/l		01/28/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		01/28/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		01/28/93		JAH	
Dibromomethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		01/28/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		01/28/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		01/28/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		01/28/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		01/28/93		JAH	
Naphthalene	BQL	1.0 ug/l		01/28/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Styrene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Toluene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		01/28/93		JAH	
Trichloroethene	BQL	1.0 ug/l		01/28/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		01/28/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		01/28/93		JAH	
o-Xylene	BQL	1.0 ug/l		01/28/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		01/28/93		JAH	

BQL - Below Quantification Limit

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB11-SS-1-3		Lab ID: 9301219-04A		Collected: 01/25/93			
8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	01/28/93		JAH	
Bromobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
Bromoform	BQL	3.7	ug/kg	01/28/93		JAH	
Bromomethane	BQL	1.2	ug/kg	01/28/93		JAH	
n-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
sec-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
tert-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	01/28/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Chloroethane	BQL	2.4	ug/kg	01/28/93		JAH	
Chloroform	BQL	1.2	ug/kg	01/28/93		JAH	
Chloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
2-Chlorotoluene	BQL	1.2	ug/kg	01/28/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	6.1	ug/kg	01/28/93		JAH	
Dibromochloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dibromoethane	BQL	1.2	ug/kg	01/28/93		JAH	
Dibromomethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.4	ug/kg	01/28/93		JAH	
1,1-Dichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
cis-1,2-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
2,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1-Dichloropropene	BQL	1.2	ug/kg	01/28/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	01/28/93		JAH	
Isopropylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
p-Isopropyltoluene	BQL	1.2	ug/kg	01/28/93		JAH	
Methylene Chloride	BQL	1.2	ug/kg	01/28/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	01/28/93		JAH	
Naphthalene	BQL	1.2	ug/kg	01/28/93		JAH	
n-Propylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Styrene	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
Tetrachloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
Toluene	BQL	1.2	ug/kg	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 6
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,2,3-Trichlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.2 ug/kg		01/28/93		JAH	
Trichloroethene	1.9	1.2 ug/kg		01/28/93		JAH	
Trichlorofluoromethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.2 ug/kg		01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.2 ug/kg		01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.2 ug/kg		01/28/93		JAH	
Vinyl Chloride	BQL	2.4 ug/kg		01/28/93		JAH	
o-Xylene	BQL	1.2 ug/kg		01/28/93		JAH	
m/p-Xylene	BQL	1.2 ug/kg		01/28/93		JAH	

Sample ID: MSB11-SS-1-3

Lab ID: 9301219-04B

Collected: 01/25/93

Total Organic Carbon	3900 **		mg/kg	02/09/93		MJH	EPA 415.1
----------------------	---------	--	-------	----------	--	-----	-----------

Sample ID: MSB11-SSD-1-3

Lab ID: 9301219-05A

Collected: 01/25/93

8021 - Soil							8021
Benzene	BQL	1.2 ug/kg		01/28/93		JAH	
Bromobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
Bromochloromethane	BQL	1.2 ug/kg		01/28/93		JAH	
Bromodichloromethane	BQL	1.2 ug/kg		01/28/93		JAH	
Bromoform	BQL	3.7 ug/kg		01/28/93		JAH	
Bromomethane	BQL	1.2 ug/kg		01/28/93		JAH	
n-Butylbenzene	BQL	1.2 ug/kg		01/28/93		JAH	
sec-Butylbenzene	BQL	1.2 ug/kg		01/28/93		JAH	
tert-Butylbenzene	BQL	1.2 ug/kg		01/28/93		JAH	
Carbon tetrachloride	BQL	1.2 ug/kg		01/28/93		JAH	
Chlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
Chloroethane	BQL	2.5 ug/kg		01/28/93		JAH	
Chloroform	BQL	1.2 ug/kg		01/28/93		JAH	
Chloromethane	BQL	1.2 ug/kg		01/28/93		JAH	
2-Chlorotoluene	BQL	1.2 ug/kg		01/28/93		JAH	
4-Chlorotoluene	BQL	1.2 ug/kg		01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	6.2 ug/kg		01/28/93		JAH	
Dibromochloromethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,2-Dibromoethane	BQL	1.2 ug/kg		01/28/93		JAH	
Dibromomethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.2 ug/kg		01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.5 ug/kg		01/28/93		JAH	
1,1-Dichloroethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,2-Dichloroethane	BQL	1.2 ug/kg		01/28/93		JAH	
1,1-Dichloroethene	BQL	1.2 ug/kg		01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
cis-1,2-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
2,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	01/28/93		JAH	
Isopropylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
p-Isopropyltoluene	BQL	1.2	ug/kg	01/28/93		JAH	
Methylene Chloride	BQL	1.2	ug/kg	01/28/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	01/28/93		JAH	
Naphthalene	BQL	1.2	ug/kg	01/28/93		JAH	
n-Propylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Styrene	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
Tetrachloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
Toluene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,1-Trichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
Trichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
Trichlorofluoromethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Vinyl Chloride	BQL	2.5	ug/kg	01/28/93		JAH	
o-Xylene	BQL	1.2	ug/kg	01/28/93		JAH	
m/p-Xylene	BQL	1.2	ug/kg	01/28/93		JAH	
Dry Weight	82		%	01/27/93		JJB	

Sample ID: MSB11-SSD-1-3

Lab ID: 9301219-05B

Collected: 01/25/93

Total Organic Carbon	3200 **		mg/kg	02/09/93		MJH	EPA 415.1
----------------------	---------	--	-------	----------	--	-----	-----------

Sample ID: MSB11-SS-5-7

Lab ID: 9301219-06A

Collected: 01/25/93

8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	01/28/93		JAH	
Bromobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
Bromoform	BQL	3.6	ug/kg	01/28/93		JAH	
Bromomethane	BQL	1.2	ug/kg	01/28/93		JAH	
n-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

Page 8
03/31/93

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
sec-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
tert-Butylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	01/28/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Chloroethane	BQL	2.4	ug/kg	01/28/93		JAH	
Chloroform	BQL	1.2	ug/kg	01/28/93		JAH	
Chloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
2-Chlorotoluene	BQL	1.2	ug/kg	01/28/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	6.0	ug/kg	01/28/93		JAH	
Dibromochloromethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dibromoethane	BQL	1.2	ug/kg	01/28/93		JAH	
Dibromomethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,3-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,4-Dichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Dichlorodifluoromethane	BQL	2.4	ug/kg	01/28/93		JAH	
1,1-Dichloroethane	4.4	1.2	ug/kg	01/28/93		JAH	
1,2-Dichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
cis-1,2-Dichloroethene	8.4	1.2	ug/kg	01/28/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
2,2-Dichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1-Dichloropropene	BQL	1.2	ug/kg	01/28/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	01/28/93		JAH	
Isopropylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
p-Isopropyltoluene	BQL	1.2	ug/kg	01/28/93		JAH	
Methylene Chloride	BQL	1.2	ug/kg	01/28/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	01/28/93		JAH	
Naphthalene	BQL	1.2	ug/kg	01/28/93		JAH	
n-Propylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Styrene	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
Tetrachloroethene	BQL	1.2	ug/kg	01/28/93		JAH	
Toluene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,1,1-Trichloroethane	E 65	1.2	ug/kg	01/28/93		JAH	
1,1,2-Trichloroethane	BQL	1.2	ug/kg	01/28/93		JAH	
Trichloroethene	44	1.2	ug/kg	01/28/93		JAH	
Trichlorofluoromethane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,3-Trichloropropane	BQL	1.2	ug/kg	01/28/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.2	ug/kg	01/28/93		JAH	
Vinyl Chloride	BQL	2.4	ug/kg	01/28/93		JAH	
o-Xylene	BQL	1.2	ug/kg	01/28/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
m/p-Xylene	BQL	1.2	ug/kg	01/28/93		JAH	
Dry Weight	89		%	01/27/93		JJB	

Sample ID: MSB11-SS-5-7

Lab ID: 9301219-06B

Collected: 01/25/93

Total Organic Carbon	380 **		mg/kg	02/09/93		MJH	EPA 415.1
----------------------	--------	--	-------	----------	--	-----	-----------

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-07A

Collected: 01/25/93

8021 - Soil							8021
Benzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Bromobenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Bromochloromethane	BQL	5.7	# ug/kg	02/03/93		JAH	
Bromodichloromethane	BQL	5.7	# ug/kg	02/03/93		JAH	
Bromoform	BQL	17	# ug/kg	02/03/93		JAH	
Bromomethane	BQL	5.7	# ug/kg	02/03/93		JAH	
n-Butylbenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
sec-Butylbenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
tert-Butylbenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Carbon tetrachloride	BQL	5.7	# ug/kg	02/03/93		JAH	
Chlorobenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Chloroethane	BQL	11	# ug/kg	02/03/93		JAH	
Chloroform	BQL	5.7	# ug/kg	02/03/93		JAH	
Chloromethane	BQL	5.7	# ug/kg	02/03/93		JAH	
2-Chlorotoluene	BQL	5.7	# ug/kg	02/03/93		JAH	
4-Chlorotoluene	BQL	5.7	# ug/kg	02/03/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	29	# ug/kg	02/03/93		JAH	
Dibromochloromethane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,2-Dibromoethane	BQL	5.7	# ug/kg	02/03/93		JAH	
Dibromomethane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,2-Dichlorobenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
1,3-Dichlorobenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
1,4-Dichlorobenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Dichlorodifluoromethane	BQL	11	# ug/kg	02/03/93		JAH	
1,1-Dichloroethane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,2-Dichloroethane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,1-Dichloroethene	BQL	5.7	# ug/kg	02/03/93		JAH	
cis-1,2-Dichloroethene	20	5.7	# ug/kg	02/03/93		JAH	
trans-1,2-Dichloroethene	BQL	5.7	# ug/kg	02/03/93		JAH	
1,2-Dichloropropane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,3-Dichloropropane	BQL	5.7	# ug/kg	02/03/93		JAH	
2,2-Dichloropropane	BQL	5.7	# ug/kg	02/03/93		JAH	
1,1-Dichloropropene	BQL	5.7	# ug/kg	02/03/93		JAH	
Ethylbenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
Hexachlorobutadiene	BQL	5.7	# ug/kg	02/03/93		JAH	
Isopropylbenzene	BQL	5.7	# ug/kg	02/03/93		JAH	
p-Isopropyltoluene	BQL	5.7	# ug/kg	02/03/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Methylene Chloride	BQL	5.7 #	ug/kg	02/03/93		JAH	
M-t-butyl-ether	BQL	5.7 #	ug/kg	02/03/93		JAH	
Naphthalene	BQL	5.7 #	ug/kg	02/03/93		JAH	
n-Propylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Styrene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
Tetrachloroethene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Toluene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,3-Trichlorobenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,1-Trichloroethane	62	5.7 #	ug/kg	02/03/93		JAH	
1,1,2-Trichloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
Trichloroethene	91	5.7 #	ug/kg	02/03/93		JAH	
Trichlorofluoromethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,3-Trichloropropane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Vinyl Chloride	BQL	11 #	ug/kg	02/03/93		JAH	
o-Xylene	BQL	5.7 #	ug/kg	02/03/93		JAH	
m/p-Xylene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Dry Weight	93		%	01/27/93		JJB	

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-07B

Collected: 01/25/93

Total Organic Carbon	470 **		mg/kg	02/09/93		MJH	EPA 415.1
----------------------	--------	--	-------	----------	--	-----	-----------

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-08A

Collected: 01/25/93

8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	02/04/93		JAH	
Bromobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
Bromoform	BQL	3.6	ug/kg	02/04/93		JAH	
Bromomethane	BQL	1.2	ug/kg	02/04/93		JAH	
n-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
sec-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
tert-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	02/04/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Chloroethane	BQL	2.4	ug/kg	02/04/93		JAH	
Chloroform	BQL	1.2	ug/kg	02/04/93		JAH	
Chloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
2-Chlorotoluene	BQL	1.2	ug/kg	02/04/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	02/04/93		JAH	
1,2-Dibromo-3-chloropropane	BQL	5.9	ug/kg	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Methylene Chloride	BQL	5.7 #	ug/kg	02/03/93		JAH	
M-t-butyl-ether	BQL	5.7 #	ug/kg	02/03/93		JAH	
Naphthalene	BQL	5.7 #	ug/kg	02/03/93		JAH	
n-Propylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Styrene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
Tetrachloroethene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Toluene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,3-Trichlorobenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,1,1-Trichloroethane	62	5.7 #	ug/kg	02/03/93		JAH	
1,1,2-Trichloroethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
Trichloroethene	91	5.7 #	ug/kg	02/03/93		JAH	
Trichlorofluoromethane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,3-Trichloropropane	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Vinyl Chloride	BQL	11 #	ug/kg	02/03/93		JAH	
o-Xylene	BQL	5.7 #	ug/kg	02/03/93		JAH	
m/p-Xylene	BQL	5.7 #	ug/kg	02/03/93		JAH	
Dry Weight	93		%	01/27/93		JJB	

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-07B

Collected: 01/25/93

Total Organic Carbon	470 **	mg/kg	02/09/93	MJH EPA 415.1
----------------------	--------	-------	----------	---------------

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-08A

Collected: 01/25/93

8021 - Soil							8021
Benzene	BQL	1.2	ug/kg	02/04/93		JAH	
Bromobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Bromochloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
Bromodichloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
Bromoform	BQL	3.6	ug/kg	02/04/93		JAH	
Bromomethane	BQL	1.2	ug/kg	02/04/93		JAH	
n-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
sec-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
tert-Butylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Carbon tetrachloride	BQL	1.2	ug/kg	02/04/93		JAH	
Chlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Chloroethane	BQL	2.4	ug/kg	02/04/93		JAH	
Chloroform	BQL	1.2	ug/kg	02/04/93		JAH	
Chloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
2-Chlorotoluene	BQL	1.2	ug/kg	02/04/93		JAH	
4-Chlorotoluene	BQL	1.2	ug/kg	02/04/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.9	ug/kg	02/04/93		JAH	

BQL - Below Quantification Limit

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
Dibromochloromethane	BQL	1.2	ug/kg	02/04/93		JAH	
1,2-Dibromoethane	BQL	1.2	ug/kg	02/04/93		JAH	
Dibromomethane	BQL	1.2	ug/kg	02/04/93		JAH	
1,2-Dichlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
1,3-Dichlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
1,4-Dichlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Dichlorodifluoromethane	BQL	2.4	ug/kg	02/04/93		JAH	
1,1-Dichloroethane	9.2	1.2	ug/kg	02/04/93		JAH	
1,2-Dichloroethane	BQL	1.2	ug/kg	02/04/93		JAH	
1,1-Dichloroethene	BQL	1.2	ug/kg	02/04/93		JAH	
cis-1,2-Dichloroethene	BQL	1.2	ug/kg	02/04/93		JAH	
trans-1,2-Dichloroethene	BQL	1.2	ug/kg	02/04/93		JAH	
1,2-Dichloropropane	BQL	1.2	ug/kg	02/04/93		JAH	
1,3-Dichloropropane	BQL	1.2	ug/kg	02/04/93		JAH	
2,2-Dichloropropane	18	1.2	ug/kg	02/04/93		JAH	
1,1-Dichloropropene	BQL	1.2	ug/kg	02/04/93		JAH	
Ethylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Hexachlorobutadiene	BQL	1.2	ug/kg	02/04/93		JAH	
Isopropylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
p-Isopropyltoluene	BQL	1.2	ug/kg	02/04/93		JAH	
Methylene Chloride	* 850	1.2	ug/kg	02/04/93		JAH	
M-t-butyl-ether	BQL	1.2	ug/kg	02/04/93		JAH	
Naphthalene	BQL	1.2	ug/kg	02/04/93		JAH	
n-Propylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Styrene	BQL	1.2	ug/kg	02/04/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.2	ug/kg	02/04/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.2	ug/kg	02/04/93		JAH	
Tetrachloroethene	8.5	1.2	ug/kg	02/04/93		JAH	
Toluene	BQL	1.2	ug/kg	02/04/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.2	ug/kg	02/04/93		JAH	
1,1,1-Trichloroethane	E 103	1.2	ug/kg	02/04/93		JAH	
1,1,2-Trichloroethane	BQL	1.2	ug/kg	02/04/93		JAH	
Trichloroethene	E 69	1.2	ug/kg	02/04/93		JAH	
Trichlorofluoromethane	BQL	1.2	ug/kg	02/04/93		JAH	
1,2,3-Trichloropropane	BQL	1.2	ug/kg	02/04/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.2	ug/kg	02/04/93		JAH	
Vinyl Chloride	BQL	2.4	ug/kg	02/04/93		JAH	
o-Xylene	BQL	1.2	ug/kg	02/04/93		JAH	
m/p-Xylene	BQL	1.2	ug/kg	02/04/93		JAH	
Dry Weight	87		%	01/27/93		JJB	

Sample ID: MSB11-SS-9-11

Lab ID: 9301219-08B

Collected: 01/25/93

Total Organic Carbon	320 **	mg/kg	02/09/93	MJH EPA 415.1
----------------------	--------	-------	----------	---------------

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB11-SS-13-15			Lab ID: 9301219-09A		Collected: 01/25/93		
8021 - Soil							8021
Benzene	BQL	1.1	ug/kg	02/06/93		JAH	
Bromobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Bromochloromethane	BQL	1.1	ug/kg	02/06/93		JAH	
Bromodichloromethane	BQL	1.1	ug/kg	02/06/93		JAH	
Bromoform	BQL	3.3	ug/kg	02/06/93		JAH	
Bromomethane	BQL	1.1	ug/kg	02/06/93		JAH	
n-Butylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
sec-Butylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
tert-Butylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Carbon tetrachloride	BQL	1.1	ug/kg	02/06/93		JAH	
Chlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Chloroethane	BQL	2.2	ug/kg	02/06/93		JAH	
Chloroform	BQL	1.1	ug/kg	02/06/93		JAH	
Chloromethane	BQL	1.1	ug/kg	02/06/93		JAH	
2-Chlorotoluene	BQL	1.1	ug/kg	02/06/93		JAH	
4-Chlorotoluene	BQL	1.1	ug/kg	02/06/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.5	ug/kg	02/06/93		JAH	
Dibromochloromethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,2-Dibromoethane	BQL	1.1	ug/kg	02/06/93		JAH	
Dibromomethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,2-Dichlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
1,3-Dichlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
1,4-Dichlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Dichlorodifluoromethane	BQL	2.2	ug/kg	02/06/93		JAH	
1,1-Dichloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,2-Dichloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,1-Dichloroethene	BQL	1.1	ug/kg	02/06/93		JAH	
cis-1,2-Dichloroethene	BQL	1.1	ug/kg	02/06/93		JAH	
trans-1,2-Dichloroethene	BQL	1.1	ug/kg	02/06/93		JAH	
1,2-Dichloropropane	BQL	1.1	ug/kg	02/06/93		JAH	
1,3-Dichloropropane	BQL	1.1	ug/kg	02/06/93		JAH	
2,2-Dichloropropane	BQL	1.1	ug/kg	02/06/93		JAH	
1,1-Dichloropropene	BQL	1.1	ug/kg	02/06/93		JAH	
Ethylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Hexachlorobutadiene	BQL	1.1	ug/kg	02/06/93		JAH	
Isopropylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
p-Isopropyltoluene	BQL	1.1	ug/kg	02/06/93		JAH	
Methylene Chloride	BQL	1.1	ug/kg	02/06/93		JAH	
M-t-butyl-ether	BQL	1.1	ug/kg	02/06/93		JAH	
Naphthalene	BQL	1.1	ug/kg	02/06/93		JAH	
n-Propylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Styrene	BQL	1.1	ug/kg	02/06/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
Tetrachloroethene	BQL	1.1	ug/kg	02/06/93		JAH	
Toluene	BQL	1.1	ug/kg	02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Soil							8021
1,2,3-Trichlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.1	ug/kg	02/06/93		JAH	
1,1,1-Trichloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,1,2-Trichloroethane	BQL	1.1	ug/kg	02/06/93		JAH	
Trichloroethene	BQL	1.1	ug/kg	02/06/93		JAH	
Trichlorofluoromethane	BQL	1.1	ug/kg	02/06/93		JAH	
1,2,3-Trichloropropane	BQL	1.1	ug/kg	02/06/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.1	ug/kg	02/06/93		JAH	
Vinyl Chloride	BQL	2.2	ug/kg	02/06/93		JAH	
o-Xylene	BQL	1.1	ug/kg	02/06/93		JAH	
m/p-Xylene	BQL	1.1	ug/kg	02/06/93		JAH	
Dry Weight	95		%	01/27/93		JJB	

Sample ID: MSB11-SS-13-15

Lab ID: 9301219-09B

Collected: 01/25/93

Total Organic Carbon	8.3		% Wt	02/15/93		GLS	EPA 415.1
----------------------	-----	--	------	----------	--	-----	-----------

Sample ID: MSB11-GW-12-15

Lab ID: 9301219-10A

Collected: 01/25/93

8021 - Water							8021
Benzene	BQL	10	ug/l	02/03/93		JAH	
Bromobenzene	BQL	10	ug/l	02/03/93		JAH	
Bromochloromethane	BQL	10	ug/l	02/03/93		JAH	
Bromodichloromethane	BQL	10	ug/l	02/03/93		JAH	
Bromoform	BQL	30	ug/l	02/03/93		JAH	
Bromomethane	BQL	10	ug/l	02/03/93		JAH	
n-Butylbenzene	BQL	10	ug/l	02/03/93		JAH	
sec-Butylbenzene	BQL	10	ug/l	02/03/93		JAH	
tert-Butylbenzene	BQL	10	ug/l	02/03/93		JAH	
Carbon tetrachloride	BQL	10	ug/l	02/03/93		JAH	
Chlorobenzene	BQL	10	ug/l	02/03/93		JAH	
Chloroethane	63	20	ug/l	02/03/93		JAH	
Chloroform	BQL	10	ug/l	02/03/93		JAH	
Chloromethane	BQL	10	ug/l	02/03/93		JAH	
2-Chlorotoluene	BQL	10	ug/l	02/03/93		JAH	
4-Chlorotoluene	BQL	10	ug/l	02/03/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	50	ug/l	02/03/93		JAH	
Dibromochloromethane	BQL	10	ug/l	02/03/93		JAH	
1,2-Dibromoethane	BQL	10	ug/l	02/03/93		JAH	
Dibromomethane	BQL	10	ug/l	02/03/93		JAH	
1,2-Dichlorobenzene	BQL	10	ug/l	02/03/93		JAH	
1,3-Dichlorobenzene	BQL	10	ug/l	02/03/93		JAH	
1,4-Dichlorobenzene	BQL	10	ug/l	02/03/93		JAH	
Dichlorodifluoromethane	BQL	20	ug/l	02/03/93		JAH	
1,1-Dichloroethane	92	10	ug/l	02/03/93		JAH	
1,2-Dichloroethane	BQL	10	ug/l	02/03/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301219

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

The organic data is reported out on a dry-weight basis.

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

E - Estimated concentration, analyte was above the calibration range.

* Contamination due to laboratory error.

** Results based on one gram dry sample.

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine

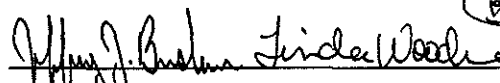
Date Received: 01/26/93

Date Reported: 02/17/93

PAL ORDER #: 9301233

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MSB11-GW-18-28	01A	01/26/93
MSB11-GW-18-28	01B	01/26/93
BLK07	02A	01/26/93
DR1-MSB6	03A	01/26/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB11-GW-18-28		Lab ID: 9301233-01A		Collected: 01/26/93			
8021 - Water							8021
Benzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Bromobenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Bromochloromethane	BQL	5.0 #	ug/l	02/04/93		JAH	
Bromodichloromethane	BQL	5.0 #	ug/l	02/04/93		JAH	
Bromoform	BQL	15 #	ug/l	02/04/93		JAH	
Bromomethane	BQL	5.0 #	ug/l	02/04/93		JAH	
n-Butylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
sec-Butylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
tert-Butylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Carbon tetrachloride	BQL	5.0 #	ug/l	02/04/93		JAH	
Chlorobenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Chloroethane	39	10 #	ug/l	02/04/93		JAH	
Chloroform	BQL	5.0 #	ug/l	02/04/93		JAH	
Chloromethane	BQL	5.0 #	ug/l	02/04/93		JAH	
2-Chlorotoluene	BQL	5.0 #	ug/l	02/04/93		JAH	
4-Chlorotoluene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	25 #	ug/l	02/04/93		JAH	
Dibromochloromethane	BQL	5.0 #	ug/l	02/04/93		JAH	
1,2-Dibromoethane	BQL	5.0 #	ug/l	02/04/93		JAH	
Dibromomethane	BQL	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichlorobenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,3-Dichlorobenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,4-Dichlorobenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Dichlorodifluoromethane	BQL	10 #	ug/l	02/04/93		JAH	
1,1-Dichloroethane	92	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichloroethane	BQL	5.0 #	ug/l	02/04/93		JAH	
1,1-Dichloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
cis-1,2-Dichloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
trans-1,2-Dichloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichloropropane	BQL	5.0 #	ug/l	02/04/93		JAH	
1,3-Dichloropropane	BQL	5.0 #	ug/l	02/04/93		JAH	
2,2-Dichloropropane	12	5.0 #	ug/l	02/04/93		JAH	
1,1-Dichloropropene	BQL	5.0 #	ug/l	02/04/93		JAH	
Ethylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Hexachlorobutadiene	BQL	5.0 #	ug/l	02/04/93		JAH	
Isopropylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
p-Isopropyltoluene	BQL	5.0 #	ug/l	02/04/93		JAH	
Methylene Chloride	(8.8) 88	5.0 #	ug/l	02/04/93		JAH	
M-t-butyl-ether	BQL	5.0 #	ug/l	02/04/93		JAH	
Naphthalene	BQL	5.0 #	ug/l	02/04/93		JAH	
n-Propylbenzene	BQL	5.0 #	ug/l	02/04/93		JAH	
Styrene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	5.0 #	ug/l	02/04/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.0 #	ug/l	02/04/93		JAH	
Tetrachloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
Toluene	BQL	5.0 #	ug/l	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	5.0	# ug/l	02/04/93		JAH	
1,2,4-Trichlorobenzene	BQL	5.0	# ug/l	02/04/93		JAH	
1,1,1-Trichloroethane	158	5.0	# ug/l	02/04/93		JAH	
1,1,2-Trichloroethane	BQL	5.0	# ug/l	02/04/93		JAH	
Trichloroethene	BQL	5.0	# ug/l	02/04/93		JAH	
Trichlorofluoromethane	BQL	5.0	# ug/l	02/04/93		JAH	
1,2,3-Trichloropropane	BQL	5.0	# ug/l	02/04/93		JAH	
1,2,4-Trimethylbenzene	BQL	5.0	# ug/l	02/04/93		JAH	
1,3,5-Trimethylbenzene	BQL	5.0	# ug/l	02/04/93		JAH	
Vinyl Chloride	90	10	# ug/l	02/04/93		JAH	
o-Xylene	BQL	5.0	# ug/l	02/04/93		JAH	
m/p-Xylene	BQL	5.0	# ug/l	02/04/93		JAH	

Sample ID: MSB11-GW-18-28

Lab ID: 9301233-01B

Collected: 01/26/93

Alkalinity	600	5.0	ppm	01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	58	5.0	mg/l	01/29/93		MHM	EPA 410.1
Iron in Water	490		mg/l	01/29/93		LJW	6010
Hardness, Total	9800		mg/l	01/29/93		LJW	EPA 130.2
Metals Digestion	-	-		01/28/93		BHZ	
Total Organic Carbon	20		mg/l	02/17/93		MJH	EPA 415.1

Sample ID: BLK07

Lab ID: 9301233-02A

Collected: 01/26/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	02/03/93		JAH	
Bromobenzene	BQL	1.0	ug/l	02/03/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	02/03/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	02/03/93		JAH	
Bromoform	BQL	3.0	ug/l	02/03/93		JAH	
Bromomethane	BQL	1.0	ug/l	02/03/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	02/03/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	
Chloroethane	BQL	2.0	ug/l	02/03/93		JAH	
Chloroform	BQL	1.0	ug/l	02/03/93		JAH	
Chloromethane	BQL	1.0	ug/l	02/03/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	02/03/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	02/03/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	02/03/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	02/03/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	02/03/93		JAH	
Dibromomethane	BQL	1.0	ug/l	02/03/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,4-Dichlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	02/03/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	02/03/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	02/03/93		JAH	
1,1-Dichloroethene	BQL	1.0	ug/l	02/03/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	02/03/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	02/03/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	02/03/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	02/03/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	02/03/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	02/03/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	02/03/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	02/03/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	02/03/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	02/03/93		JAH	
Naphthalene	BQL	1.0	ug/l	02/03/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
Styrene	BQL	1.0	ug/l	02/03/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	02/03/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	02/03/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	02/03/93		JAH	
Toluene	BQL	1.0	ug/l	02/03/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	02/03/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	02/03/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	02/03/93		JAH	
Trichloroethene	BQL	1.0	ug/l	02/03/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	02/03/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	02/03/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	02/03/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	02/03/93		JAH	
o-Xylene	BQL	1.0	ug/l	02/03/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	02/03/93		JAH	

Sample ID: DR1-MSB6

Lab ID: 9301233-03A

Collected: 01/26/93

8021 - Water							8021
Benzene	-	5.0	# ug/l	02/04/93		JAH	
Bromobenzene	-	5.0	# ug/l	02/04/93		JAH	
Bromochloromethane	-	5.0	# ug/l	02/04/93		JAH	
Bromodichloromethane	-	5.0	# ug/l	02/04/93		JAH	
Bromoform	-	15	# ug/l	02/04/93		JAH	
Bromomethane	-	5.0	# ug/l	02/04/93		JAH	
n-Butylbenzene	-	5.0	# ug/l	02/04/93		JAH	
sec-Butylbenzene	-	5.0	# ug/l	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
tert-Butylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
Carbon tetrachloride	-	5.0 #	ug/l	02/04/93		JAH	
Chlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
Chloroethane	-	10 #	ug/l	02/04/93		JAH	
Chloroform	-	5.0 #	ug/l	02/04/93		JAH	
Chloromethane	-	5.0 #	ug/l	02/04/93		JAH	
2-Chlorotoluene	-	5.0 #	ug/l	02/04/93		JAH	
4-Chlorotoluene	-	5.0 #	ug/l	02/04/93		JAH	
1,2-Dibromo-3-chloropropa	-	25 #	ug/l	02/04/93		JAH	
Dibromochloromethane	-	5.0 #	ug/l	02/04/93		JAH	
1,2-Dibromoethane	-	5.0 #	ug/l	02/04/93		JAH	
Dibromomethane	-	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
1,3-Dichlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
1,4-Dichlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
Dichlorodifluoromethane	-	10 #	ug/l	02/04/93		JAH	
1,1-Dichloroethane	-	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichloroethane	-	5.0 #	ug/l	02/04/93		JAH	
1,1-Dichloroethene	-	5.0 #	ug/l	02/04/93		JAH	
cis-1,2-Dichloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
trans-1,2-Dichloroethene	BQL	5.0 #	ug/l	02/04/93		JAH	
1,2-Dichloropropane	-	5.0 #	ug/l	02/04/93		JAH	
1,3-Dichloropropane	-	5.0 #	ug/l	02/04/93		JAH	
2,2-Dichloropropane	-	5.0 #	ug/l	02/04/93		JAH	
1,1-Dichloropropene	-	5.0 #	ug/l	02/04/93		JAH	
Ethylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
Hexachlorobutadiene	-	5.0 #	ug/l	02/04/93		JAH	
Isopropylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
p-Isopropyltoluene	-	5.0 #	ug/l	02/04/93		JAH	
Methylene Chloride	-	5.0 #	ug/l	02/04/93		JAH	
M-t-butyl-ether	-	5.0 #	ug/l	02/04/93		JAH	
Naphthalene	-	5.0 #	ug/l	02/04/93		JAH	
n-Propylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
Styrene	-	5.0 #	ug/l	02/04/93		JAH	
1,1,1,2-Tetrachloroethane	-	5.0 #	ug/l	02/04/93		JAH	
1,1,2,2-Tetrachloroethane	-	5.0 #	ug/l	02/04/93		JAH	
Tetrachloroethene	-	5.0 #	ug/l	02/04/93		JAH	
Toluene	-	5.0 #	ug/l	02/04/93		JAH	
1,2,3-Trichlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
1,2,4-Trichlorobenzene	-	5.0 #	ug/l	02/04/93		JAH	
1,1,1-Trichloroethane	16	5.0 #	ug/l	02/04/93		JAH	
1,1,2-Trichloroethane	-	5.0 #	ug/l	02/04/93		JAH	
Trichloroethene	170	5.0 #	ug/l	02/04/93		JAH	
Trichlorofluoromethane	-	5.0 #	ug/l	02/04/93		JAH	
1,2,3-Trichloropropane	-	5.0 #	ug/l	02/04/93		JAH	
1,2,4-Trimethylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
1,3,5-Trimethylbenzene	-	5.0 #	ug/l	02/04/93		JAH	
Vinyl Chloride	-	10 #	ug/l	02/04/93		JAH	
o-Xylene	-	5.0 #	ug/l	02/04/93		JAH	
m/p-Xylene	-	5.0 #	ug/l	02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT:CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Single Compound	-	-		02/04/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301233

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

Elevated detection limit due to sample concentration.

(B) - Analyte found in the associated method blank. The value in parentheses is the blank value with the dilution factor taken into account. The actual value for the blank was 8.8 ug/l.

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Ms. Lori Bootz
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine

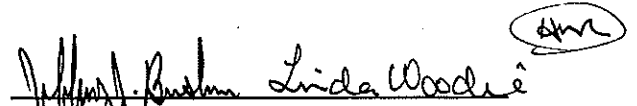
Date Received: 01/27/93

Date Reported: 02/17/93

PAL ORDER #: 9301245

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MSB12-GW-14-19	01A	01/27/93
MFB02	02A	01/27/93
BLK08	03A	01/27/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MSB12-GW-14-19		Lab ID: 9301245-01A		Collected: 01/27/93			
8021 - Water							8021
Benzene	BQL	1.0 ug/l		02/06/93		JAH	
Bromobenzene	BQL	1.0 ug/l		02/06/93		JAH	
Bromochloromethane	BQL	1.0 ug/l		02/06/93		JAH	
Bromodichloromethane	BQL	1.0 ug/l		02/06/93		JAH	
Bromoform	BQL	3.0 ug/l		02/06/93		JAH	
Bromomethane	BQL	1.0 ug/l		02/06/93		JAH	
n-Butylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
sec-Butylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
tert-Butylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
Carbon tetrachloride	BQL	1.0 ug/l		02/06/93		JAH	
Chlorobenzene	BQL	1.0 ug/l		02/06/93		JAH	
Chloroethane	BQL	2.0 ug/l		02/06/93		JAH	
Chloroform	BQL	1.0 ug/l		02/06/93		JAH	
Chloromethane	BQL	1.0 ug/l		02/06/93		JAH	
2-Chlorotoluene	BQL	1.0 ug/l		02/06/93		JAH	
4-Chlorotoluene	BQL	1.0 ug/l		02/06/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0 ug/l		02/06/93		JAH	
Dibromochloromethane	BQL	1.0 ug/l		02/06/93		JAH	
1,2-Dibromoethane	BQL	1.0 ug/l		02/06/93		JAH	
Dibromomethane	BQL	1.0 ug/l		02/06/93		JAH	
1,2-Dichlorobenzene	BQL	1.0 ug/l		02/06/93		JAH	
1,3-Dichlorobenzene	BQL	1.0 ug/l		02/06/93		JAH	
1,4-Dichlorobenzene	BQL	1.0 ug/l		02/06/93		JAH	
Dichlorodifluoromethane	BQL	2.0 ug/l		02/06/93		JAH	
1,1-Dichloroethane	BQL	1.0 ug/l		02/06/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		02/06/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		02/06/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		02/06/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		02/06/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		02/06/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		02/06/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		02/06/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		02/06/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		02/06/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		02/06/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		02/06/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		02/06/93		JAH	
Naphthalene	BQL	1.0 ug/l		02/06/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		02/06/93		JAH	
Styrene	BQL	1.0 ug/l		02/06/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		02/06/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		02/06/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		02/06/93		JAH	
Toluene	BQL	1.0 ug/l		02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
Trichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	02/06/93		JAH	
o-Xylene	BQL	1.0	ug/l	02/06/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	02/06/93		JAH	
Alkalinity	480	5.0	ppm	01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	22	5.0	mg/l	01/29/93		MHM	EPA 410.1
Iron in Water	25		mg/l	02/01/93		LJW	6010
Hardness, Total	3100		mg/l	02/01/93		LJW	EPA 130.2
Metals Digestion	-	-	-	01/29/93		BHZ	
Total Organic Carbon	7.3		mg/l	02/17/93		MJH	EPA 415.1

Sample ID: MFB02

Lab ID: 9301245-02A

Collected: 01/27/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	02/06/93		JAH	
Bromobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	02/06/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	02/06/93		JAH	
Bromoform	BQL	3.0	ug/l	02/06/93		JAH	
Bromomethane	BQL	1.0	ug/l	02/06/93		JAH	
n-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	02/06/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Chloroethane	BQL	2.0	ug/l	02/06/93		JAH	
Chloroform	BQL	1.0	ug/l	02/06/93		JAH	
Chloromethane	BQL	1.0	ug/l	02/06/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	02/06/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	02/06/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	02/06/93		JAH	
Dibromomethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	02/06/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	02/06/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	02/06/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	02/06/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	02/06/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	02/06/93		JAH	
Naphthalene	BQL	1.0	ug/l	02/06/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Styrene	BQL	1.0	ug/l	02/06/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	02/06/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	02/06/93		JAH	
Toluene	1.0	1.0	ug/l	02/06/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
Trichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	02/06/93		JAH	
o-Xylene	BQL	1.0	ug/l	02/06/93		JAH	
m/p-Xylene	BQL	1.0	ug/l	02/06/93		JAH	
Alkalinity	6.0	5.0	ppm	01/29/93		BIK	EPA 310.1
Chemical Oxygen Demand	5.6	5.0	mg/l	01/29/93		MHM	EPA 410.1
Iron in Water	0.15		mg/l	02/01/93		LJW	6010
Hardness, Total	8.9		mg/l	02/01/93		LJW	EPA 130.2
Metals Digestion	-	-		01/29/93		BHZ	
Total Organic Carbon	3.9		mg/l	02/17/93		MJH	EPA 415.1

Sample ID: BLK08

Lab ID: 9301245-03A

Collected: 01/27/93

8021 - Water							8021
Benzene	BQL	1.0	ug/l	02/06/93		JAH	
Bromobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Bromochloromethane	BQL	1.0	ug/l	02/06/93		JAH	
Bromodichloromethane	BQL	1.0	ug/l	02/06/93		JAH	
Bromoform	BQL	3.0	ug/l	02/06/93		JAH	
Bromomethane	BQL	1.0	ug/l	02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
n-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
sec-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
tert-Butylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Carbon tetrachloride	BQL	1.0	ug/l	02/06/93		JAH	
Chlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Chloroethane	BQL	2.0	ug/l	02/06/93		JAH	
Chloroform	BQL	1.0	ug/l	02/06/93		JAH	
Chloromethane	BQL	1.0	ug/l	02/06/93		JAH	
2-Chlorotoluene	BQL	1.0	ug/l	02/06/93		JAH	
4-Chlorotoluene	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dibromo-3-chloropropa	BQL	5.0	ug/l	02/06/93		JAH	
Dibromochloromethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dibromoethane	BQL	1.0	ug/l	02/06/93		JAH	
Dibromomethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,3-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,4-Dichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
Dichlorodifluoromethane	BQL	2.0	ug/l	02/06/93		JAH	
1,1-Dichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
1,2-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,3-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
2,2-Dichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,1-Dichloropropene	BQL	1.0	ug/l	02/06/93		JAH	
Ethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Hexachlorobutadiene	BQL	1.0	ug/l	02/06/93		JAH	
Isopropylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
p-Isopropyltoluene	BQL	1.0	ug/l	02/06/93		JAH	
Methylene Chloride	BQL	1.0	ug/l	02/06/93		JAH	
M-t-butyl-ether	BQL	1.0	ug/l	02/06/93		JAH	
Naphthalene	BQL	1.0	ug/l	02/06/93		JAH	
n-Propylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Styrene	BQL	1.0	ug/l	02/06/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0	ug/l	02/06/93		JAH	
Tetrachloroethene	BQL	1.0	ug/l	02/06/93		JAH	
Toluene	BQL	1.0	ug/l	02/06/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,1,1-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
1,1,2-Trichloroethane	BQL	1.0	ug/l	02/06/93		JAH	
Trichloroethene	BQL	1.0	ug/l	02/06/93		JAH	
Trichlorofluoromethane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,3-Trichloropropane	BQL	1.0	ug/l	02/06/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0	ug/l	02/06/93		JAH	
Vinyl Chloride	BQL	2.0	ug/l	02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
o-Xylene	BQL	1.0 ug/l		02/06/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		02/06/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9301245

All analysis as per approved method found in one or more of
the following:
Standard Methods for Evaluation of Water and Wastewater,
17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised
March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

PRECISION ANALYTICAL LABORATORY

205 WEST GALENA
MILWAUKEE, WI 53212
(414) 272-5222

03/31/93

Analytical Report

Attn: Chris Ohland
Client: CH2M Hill
310 W. Wisconsin Ave.
Milwaukee, WI 53203

WORK ID: Mercury Marine

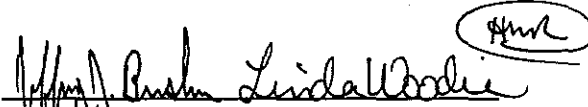
Date Received: 02/02/93

Date Reported: 02/19/93

PAL ORDER #: 9302040

SAMPLE DESCRIPTION	LAB ID	DATE COLLECTED
MDR2-GW	01A	02/02/93
MDR3-GW	02A	02/02/93
MDR4-GW	03A	02/02/93
MDR5-GW	04A	02/02/93
MDR6-GW	05A	02/02/93
MDR7-GW	06A	02/02/93
MDR8-GW	07A	02/02/93
MDR9-GW	08A	02/02/93
MDR10-GW	09A	02/02/93
MDR11-GW	10A	02/02/93
BLK09	11A	02/02/93
MDR1-SS	12A	02/02/93
MDR1-SS	12B	02/02/93
MDR1-SS	12C	02/02/93
MDR1-SS	12D	02/02/93

Laboratory ID Number (Wisconsin DNR): 241369260


Certified By
Jeff Bushner, Linda Woodie

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MDR2-GW				Lab ID: 9302040-01A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8021
Trichloroethylene	1.4	1.0	ug/L	02/07/93		JAH	8240
Sample ID: MDR3-GW				Lab ID: 9302040-02A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8021
Trichloroethylene	E 80	1.0	ug/L	02/07/93		JAH	8240
Sample ID: MDR4-GW				Lab ID: 9302040-03A	Collected: 02/02/93		
1,1,1-Trichloroethane	10	# 5.0	ug/L	02/08/93		JAH	8240
1,2-Dichloroethylene	BQL	# 5.0	ug/L	02/08/93		JAH	8021
Trichloroethylene	200	# 5.0	ug/L	02/08/93		JAH	8240
Sample ID: MDR5-GW				Lab ID: 9302040-04A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/08/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/08/93		JAH	8021
Trichloroethylene	BQL	1.0	ug/L	02/08/93		JAH	8240
Sample ID: MDR6-GW				Lab ID: 9302040-05A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8021
Trichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8240
Sample ID: MDR7-GW				Lab ID: 9302040-06A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8021
Trichloroethylene	3.8	1.0	ug/L	02/07/93		JAH	8240
Sample ID: MDR8-GW				Lab ID: 9302040-07A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL	1.0	ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL	1.0	ug/L	02/07/93		JAH	8021
Trichloroethylene	6.1	1.0	ug/L	02/07/93		JAH	8240

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Sample ID: MDR9-GW				Lab ID: 9302040-08A	Collected: 02/02/93		
1,1,1-Trichloroethane	190	#	5.0 ug/L	02/08/93		JAH	8240
1,2-Dichloroethylene	* 230	#	5.0 ug/L	02/08/93		JAH	8021
Trichloroethylene	170	#	5.0 ug/L	02/08/93		JAH	8240
Sample ID: MDR10-GW				Lab ID: 9302040-09A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL		1.0 ug/L	02/08/93		JAH	8240
1,2-Dichloroethylene	BQL		1.0 ug/L	02/08/93		JAH	8021
Trichloroethylene	BQL		1.0 ug/L	02/08/93		JAH	8240
Sample ID: MDR11-GW				Lab ID: 9302040-10A	Collected: 02/02/93		
1,1,1-Trichloroethane	BQL		1.0 ug/L	02/07/93		JAH	8240
1,2-Dichloroethylene	BQL		1.0 ug/L	02/07/93		JAH	8021
Trichloroethylene	6.3		1.0 ug/L	02/07/93		JAH	8240
Sample ID: BLK09				Lab ID: 9302040-11A	Collected: 02/02/93		
8021 - Water							8021
Benzene	BQL		1.0 ug/l	02/07/93		JAH	
Bromobenzene	BQL		1.0 ug/l	02/07/93		JAH	
Bromochloromethane	BQL		1.0 ug/l	02/07/93		JAH	
Bromodichloromethane	BQL		1.0 ug/l	02/07/93		JAH	
Bromoform	BQL		3.0 ug/l	02/07/93		JAH	
Bromomethane	BQL		1.0 ug/l	02/07/93		JAH	
n-Butylbenzene	BQL		1.0 ug/l	02/07/93		JAH	
sec-Butylbenzene	BQL		1.0 ug/l	02/07/93		JAH	
tert-Butylbenzene	BQL		1.0 ug/l	02/07/93		JAH	
Carbon tetrachloride	BQL		1.0 ug/l	02/07/93		JAH	
Chlorobenzene	BQL		1.0 ug/l	02/07/93		JAH	
Chloroethane	BQL		2.0 ug/l	02/07/93		JAH	
Chloroform	BQL		1.0 ug/l	02/07/93		JAH	
Chloromethane	BQL		1.0 ug/l	02/07/93		JAH	
2-Chlorotoluene	BQL		1.0 ug/l	02/07/93		JAH	
4-Chlorotoluene	BQL		1.0 ug/l	02/07/93		JAH	
1,2-Dibromo-3-chloropropa	BQL		5.0 ug/l	02/07/93		JAH	
Dibromochloromethane	BQL		1.0 ug/l	02/07/93		JAH	
1,2-Dibromoethane	BQL		1.0 ug/l	02/07/93		JAH	
Dibromomethane	BQL		1.0 ug/l	02/07/93		JAH	
1,2-Dichlorobenzene	BQL		1.0 ug/l	02/07/93		JAH	
1,3-Dichlorobenzene	BQL		1.0 ug/l	02/07/93		JAH	
1,4-Dichlorobenzene	BQL		1.0 ug/l	02/07/93		JAH	
Dichlorodifluoromethane	BQL		2.0 ug/l	02/07/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
8021 - Water							8021
1,1-Dichloroethane	BQL	1.0 ug/l		02/07/93		JAH	
1,2-Dichloroethane	BQL	1.0 ug/l		02/07/93		JAH	
1,1-Dichloroethene	BQL	1.0 ug/l		02/07/93		JAH	
cis-1,2-Dichloroethene	BQL	1.0 ug/l		02/07/93		JAH	
trans-1,2-Dichloroethene	BQL	1.0 ug/l		02/07/93		JAH	
1,2-Dichloropropane	BQL	1.0 ug/l		02/07/93		JAH	
1,3-Dichloropropane	BQL	1.0 ug/l		02/07/93		JAH	
2,2-Dichloropropane	BQL	1.0 ug/l		02/07/93		JAH	
1,1-Dichloropropene	BQL	1.0 ug/l		02/07/93		JAH	
Ethylbenzene	BQL	1.0 ug/l		02/07/93		JAH	
Hexachlorobutadiene	BQL	1.0 ug/l		02/07/93		JAH	
Isopropylbenzene	BQL	1.0 ug/l		02/07/93		JAH	
p-Isopropyltoluene	BQL	1.0 ug/l		02/07/93		JAH	
Methylene Chloride	BQL	1.0 ug/l		02/07/93		JAH	
M-t-butyl-ether	BQL	1.0 ug/l		02/07/93		JAH	
Naphthalene	BQL	1.0 ug/l		02/07/93		JAH	
n-Propylbenzene	BQL	1.0 ug/l		02/07/93		JAH	
Styrene	BQL	1.0 ug/l		02/07/93		JAH	
1,1,1,2-Tetrachloroethane	BQL	1.0 ug/l		02/07/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	1.0 ug/l		02/07/93		JAH	
Tetrachloroethene	BQL	1.0 ug/l		02/07/93		JAH	
Toluene	BQL	1.0 ug/l		02/07/93		JAH	
1,2,3-Trichlorobenzene	BQL	1.0 ug/l		02/07/93		JAH	
1,2,4-Trichlorobenzene	BQL	1.0 ug/l		02/07/93		JAH	
1,1,1-Trichloroethane	BQL	1.0 ug/l		02/07/93		JAH	
1,1,2-Trichloroethane	BQL	1.0 ug/l		02/07/93		JAH	
Trichloroethene	BQL	1.0 ug/l		02/07/93		JAH	
Trichlorofluoromethane	BQL	1.0 ug/l		02/07/93		JAH	
1,2,3-Trichloropropane	BQL	1.0 ug/l		02/07/93		JAH	
1,2,4-Trimethylbenzene	BQL	1.0 ug/l		02/07/93		JAH	
1,3,5-Trimethylbenzene	BQL	1.0 ug/l		02/07/93		JAH	
Vinyl Chloride	BQL	2.0 ug/l		02/07/93		JAH	
o-Xylene	BQL	1.0 ug/l		02/07/93		JAH	
m/p-Xylene	BQL	1.0 ug/l		02/07/93		JAH	

Sample ID: MDR1-SS

Lab ID: 9302040-12A

Collected: 02/02/93

Appearance	solid	-		02/04/93		MHM ASTM D4979
Cyanide, Free	BQL	10 ppm		02/04/93		MHM
Color	brown	-		02/04/93		MHM ASTM D4979
Flash Point, Closed Cup	> 210	degrees F		02/17/93		BIK 1010
Free Liquids	0	%		02/04/93		MHM 9095
Layers	1	-		02/04/93		MHM ASTM D4979
Odor	slight	-		02/04/93		MHM ASTM D4979
pH	9.1	units		02/04/93		MHM EPA 150.1
Phenol	BQL	0.5 mg/kg		02/05/93		MHM EPA 420.1
% Chlorine	0.020	%		02/03/93		MHM
Sulfide, Reactive	BQL	2.0 ppm		02/04/93		MHM

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
Specific Gravity	2.04	-		02/04/93		MHM	ASTM D5057
Total Organic Carbon	41200		mg/kg	02/16/93		GLS	EPA 415.1
Total Organic Halogens	640		ppm	02/05/93		MHM	
Total Solids	85	1.0	%	02/09/93		BHZ	EPA 160.3

Sample ID: MDR1-SS

Lab ID: 9302040-12B

Collected: 02/02/93

Metals Digestion (TCLP)	-	-		02/05/93		LDR	
TCLP (Silver)	BQL	0.03	mg/l	02/12/93		LJW	6010
TCLP (Arsenic)	0.90		mg/l	02/17/93		LJW	EPA 206.2
TCLP (Barium)	0.96		mg/l	02/12/93		LJW	6010
TCLP (Cadmium)	BQL	0.015	mg/l	02/12/93		LJW	6010
TCLP (Chromium)	BQL	0.02	mg/l	02/12/93		LJW	6010
TCLP (Copper)	0.04		mg/l	02/12/93		LJW	6010
TCLP (Mercury)	BQL	2.0	ppb	02/17/93		BIK	EPA 245.1
TCLP Inorganic Extraction	-	-		02/03/93		BHZ	
TCLP (Nickel)	0.07		mg/l	02/12/93		LJW	6010
TCLP (Lead)	BQL	0.2	mg/l	02/12/93		LJW	6010
TCLP (Selenium)	0.56		mg/l	02/17/93		LJW	EPA 270.2
TCLP (Zinc)	BQL	0.05	mg/l	02/12/93		LJW	6010

Sample ID: MDR1-SS

Lab ID: 9302040-12C

Collected: 02/02/93

TCLP % Rec. (Silver)	110		%	02/08/93		LJW	6010
TCLP % Rec. (Arsenic)	97		%	02/17/93		LJW	
TCLP % Rec. (Barium)	90		%	02/08/93		LJW	6010
TCLP % Rec. (Cadmium)	91		%	02/08/93		LJW	6010
TCLP % Rec. (Chromium)	91		%	02/08/93		LJW	6010
TCLP % Rec. (Copper)	95		%	02/08/93		LJW	6010
TCLP % Rec. (Mercury)	120		%	02/17/93		BIK	
TCLP % Rec. (Nickel)	94		%	02/08/93		LJW	6010
TCLP % Rec. (Lead)	93		%	02/08/93		LJW	6010
TCLP % Rec. (Selenium)	84		%	02/17/93		LJW	
TCLP % Rec. (Zinc)	91		%	02/08/93		LJW	6010

Sample ID: MDR1-SS

Lab ID: 9302040-12D

Collected: 02/02/93

601/602							EPA 601+602
Bromodichloromethane	BQL	5.0	# ug/kg	02/08/93		JAH	
Bromoform	BQL	5.0	# ug/kg	02/08/93		JAH	
Bromomethane	BQL	5.0	# ug/kg	02/08/93		JAH	
Carbon Tetrachloride	BQL	5.0	# ug/kg	02/08/93		JAH	
Chlorobenzene	BQL	5.0	# ug/kg	02/08/93		JAH	
Chloroethane	BQL	5.0	# ug/kg	02/08/93		JAH	
2-Chloroethylvinyl Ether	BQL	25	# ug/kg	02/08/93		JAH	
Chloroform	BQL	5.0	# ug/kg	02/08/93		JAH	

BQL - Below Quantification Limit

CLIENT: CH2M Hill

Test	Result	Limit	Units	Analyzed	Extracted	BY	Method(SW846)
601/602							EPA 601+602
Chloromethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
Dibromochloromethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,2-Dichlorobenzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,3-Dichlorobenzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,4-Dichlorobenzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
Dichlorodifluoromethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,1-Dichloroethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,2-Dichloroethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,1-Dichloroethene	BQL	5.0 #	ug/kg	02/08/93		JAH	
trans-1,2-Dichloroethene	* 19	5.0 #	ug/kg	02/08/93		JAH	
1,2-Dichloropropane	BQL	5.0 #	ug/kg	02/08/93		JAH	
cis-1,3-Dichloropropene	BQL	5.0 #	ug/kg	02/08/93		JAH	
trans-1,3-Dichloropropene	BQL	5.0 #	ug/kg	02/08/93		JAH	
Methylene Chloride	BQL	10 #	ug/kg	02/08/93		JAH	
1,1,2,2-Tetrachloroethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
Tetrachloroethene	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,1,1-Trichloroethane	59	5.0 #	ug/kg	02/08/93		JAH	
Trichloroethene	220	5.0 #	ug/kg	02/08/93		JAH	
Trichlorofluoromethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
Vinyl Chloride	BQL	5.0 #	ug/kg	02/08/93		JAH	
1,1,2-Trichloroethane	BQL	5.0 #	ug/kg	02/08/93		JAH	
Benzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
Chlorobenzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
Ethylbenzene	BQL	5.0 #	ug/kg	02/08/93		JAH	
Toluene	25	5.0 #	ug/kg	02/08/93		JAH	
Total Xylenes	BQL	10 #	ug/kg	02/08/93		JAH	

BQL - Below Quantification Limit

PRECISION ANALYTICAL LABORATORY
Report Comments

03/31/93

CLIENT: CH2M Hill

PAL Order #: 9302040

All analysis as per approved method found in one or more of the following:
Standard Methods for Evaluation of Water and Wastewater, 17th Edition
Methods for Chemical Analysis for Water and Wastes, Revised March 1983, EPA 600/4-79-020
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, 3rd Edition 1986 EPA SW846

Analysis performed or certified by Precision Analytical Laboratory

Sample was covered air tight in approved container, shipped in cooler from the source to our lab, temperature upon arrival was 4 degrees C.

E - Estimated concentration, analyte was above the calibration range.

The organic data is reported out on a dry-weight basis.

Elevated detection limit due to sample concentration.

* Sample contains the cis-isomer of 1,2-Dichloroethene at the stated level.

Samples 9302040-01, 03, 04, 05, 06, 07, 08, 09, 10 and 12 indicated reportable levels of toluene.

APPENDIX C
VALIDATED ANALYTICAL DATA

TECHNICAL MEMORANDUM

Page 2

March 29, 1993

GLO33316.A0.00

Parameter	Method
VOC	SW-846 Method 5030/8021 SW-846 Method 5030/8240 ^a
Alkalinity	EPA 310.1
COD	EPA 410.1
Iron	SW-846 3000/6010
Hardness	SM 2340B
TOC	EPA 415.1

^a The laboratory was contracted to perform the test using Method 5030/8021; however, because of laboratory production problems Method 5030/8240 was used in a few instances.

The samples were sent daily by local courier to Precision Analytical Laboratory (PAL) in Milwaukee, Wisconsin (WDNR No. 241369260). Upon receipt by the laboratory the samples were checked for label identification and complete, accurate chain-of-custody records. Documentation anomalies were verified with the field sampling task manager and corrected. Each sample was assigned a unique laboratory identification number through a computerized laboratory information management system.

Upon the laboratory's acceptance of the data, the data were assembled and provided to CH2M HILL in the form of an analytical report. Each raw data package provided sufficient documentation to allow an experienced reviewer independently to reconstruct the reported results.

After receipt at CH2M HILL, the laboratory test results and raw data packages were inventoried by comparing the contents to the analyses requested, as recorded on the chain-of-custody forms. Data gaps were verified with the laboratory and the missing data were resubmitted to CH2M HILL.

Data Quality Review

Data quality review is an assessment of the laboratory data results in terms of the specific project objectives. The laboratory data were reviewed to assess whether the data were generated in accordance with the laboratory standard operating procedures (SOPs) and the scope of laboratory services submitted to the laboratory. The data package was reviewed to ensure that the following conditions were met.

TECHNICAL MEMORANDUM

Page 3

March 29, 1993

GLO33316.A0.00

- Sample preparation information was correct and complete.
- Appropriate SOPs had been followed.
- Analysis information was correct and complete.
- Analytical results were correct and complete.
- QC samples were within established control limits.
- Blanks were within the appropriate QC limits.
- Calibration data were scientifically sound and appropriate.
- QC samples were within established guidelines.
- Qualitative and quantitative results were correct.
- Documentation was complete.

This level of review serves as a compliance check of the contracted analytical services and ensures that the analyst followed the appropriate procedures to prepare and analyze the samples. It also ensures that the analytical data were appropriately documented and affiliated with scientifically sound production QC batches. These requirements are concerned with specifications that are not sample dependent; that is, they specify performance requirements on matters that are fully under a laboratory's control. The specific areas include sample preparation, holding time, calibrations, method blanks, laboratory control samples, laboratory duplicate analyses, internal standards performance, and appropriate compound identification.

The next level of data review focuses on specifications that are sample dependent and include performance requirements that are not under a laboratory's control. These specific areas include trip and field blanks, matrix spike and spike duplicate sample analysis, matrix and field duplicate sample analysis, surrogate recovery, and interferences and dilutions from target and nontarget analytes. This level of data quality review provides a quantitative measure of precision, accuracy, and sensitivity. It is useful in assessing the appropriateness of the selected analytical protocols and identifies some of the limits of the analytical data.

The final level of review interprets this information into a usable assessment understood by the project team. Standard data qualifiers were used as a means of classifying the data as to their conformance to QA/QC requirements. The data qualifiers are defined as follows:

- [] Detected. The component was analyzed for and detected at the concentration level shown.
- [U] Undetected. The component was analyzed for but not detected at a concentration equal to or greater than the laboratory reporting limit.

TECHNICAL MEMORANDUM

Page 4

March 29, 1993

GLO33316.A0.00

- [J] An estimated value. This flag was used when the data indicated the presence of a component below the stated reporting limit or when the direction of analytical bias was unknown.
- [B] Blank contaminated. The analyte was detected in the sample and in the associated method, field, or trip blank. The quantitation of the analyte is biased high by the presence of the analyte. The presence of the analyte in the sample may or may not be wholly attributable to contamination.
- [R] Unusable data. This flag was used when the associated QA/QC data indicated significant deficiencies in the analytical data and that the data should not be used to make project decisions.

Discussion of Data Quality Review Findings

The following discussion covers the more significant QC problems encountered, how they were resolved, and their effect on the data. The discussion is provided to further define the analytical program and explain deviations from analytical methods.

Data Documentation

The first submittal of analytical reports provided by the laboratory was incomplete and unorganized. The reports were missing matrix spike summaries, initial and continuing calibration summaries, bench sheets, methylene chloride quantitative results, and percent solids results. The laboratory resubmitted the matrix spike summaries, bench sheets, methylene chloride quantitative results, and percent solids results. Initial and continuing calibration summaries were not provided.

Methylene chloride was present in all samples. Because of instrument calibration deficiencies, the results were not reported although the samples appear to have had considerable quantities. No action was taken for this deficiency because the results are biased as a result of an unacceptable calibration curve and laboratory contamination. All methylene chloride data were deemed unreliable and are flagged "R," unusable (see "Calibration" and "Contamination" below).

Initial calibration and continuing calibration summaries were not provided for any of the VOC analyses. The calibration information is used to assess the accuracy and precision of the analytical measurement. Instead of using a calibration summary, the laboratory indicates measurement accuracy and precision by flagging the raw data results with a unique qualifier whenever an analyte is outside an acceptable calibration

TECHNICAL MEMORANDUM

Page 5

March 29, 1993

GLO33316.A0.00

(i.e., ≥ 10 percent difference). This practice does not allow the reviewer to assess the magnitude of the outlier, thus all results associated with an outlier calibration, without consideration of the magnitude of error, were reported as estimated.

The analysis date as shown on the quantification report header (i.e., raw data) does not match other summary forms, such as injection logbook, method blank summaries, and PAL summary of analyses. The laboratory has indicated that this a quirk of the data reduction system and that the injection logbooks and data summaries are accurate.

The target list of analytes should have been the list of VOCs promulgated under Wisconsin Code NR-140; however, the laboratory reported all analytes detected using SW-846 Method 8021.

Substitution of Methodology

The laboratory used SW-846 Method 5030/8240 to test samples 9301175-05, 9301204-07, and 9301204-08. The substitution was necessary because the laboratory's production capacity was temporarily limited and thus allowed the analysis to occur within the prescribed holding time requirements. The method substitution has the potential to affect the project objectives for the following reasons.

Required detection limits may not be achieved. The nominal method quantification limits (i.e., the concentration level that the laboratory reports as nondetected analytes) for Method 5030/8240 are five times higher than those expected using Method 5030/8021. In each of the affected samples a targeted compound was detected and reported. If Method 5030/8021 had been used, then the laboratory would have diluted the sample before analysis to measure the target compound within an acceptable quantification range. Thus the method quantification limits would have been the same using either test method.

Data may not be comparable to data generated using Method 5030/8021. Each method has different accuracy and precision goals, measurement sensitivity, and identification protocols; therefore, the two different methods may not provide comparable data. Because the differences are slight the outcome appears to be insignificant.

Data documentation. The types of documentation for Method 5030/8240 differ from those of Method 5030/8021, and the laboratory did not provide complete documentation for Method 5030/8240. For samples tested using Method 5030/8021, it was assumed that the instrumentation used to measure VOCs was operated properly and performed satisfactorily.

TECHNICAL MEMORANDUM

Page 6

March 29, 1993

GLO33316.A0.00

Analyte Identification

The compound 2,2-dichloropropane was improperly identified. This analyte coelutes with cis-1,2-DCE on the gas chromatography analysis. It is distinguished from cis-1,2-DCE because it does not respond generously on the PID detector, whereas cis-1,2-DCE responds to both the PID and HALL. The laboratory reassessed its identification and now reports 2,2-dichloropropane as cis-1,2-DCE.

Calibrations

As described earlier, the documentation of initial and continuing calibration was inadequate to assess the magnitude of the calibration outlier. Only continuing calibrations containing outliers ≥ 10 percent difference are noted. The laboratory has stated that 80 percent of the analytes are within 10 percent difference and the remaining 20 percent are within 15 percent. If that is the case, then the accuracy and precision would not be contested; however, no documentation exists to support the laboratory's claim.

Many of the VOC analyses detected peaks having a response greater than the demonstrated calibration range of the instrument or use calibration response factors outside acceptable precision requirements. All detections associated with these outliers are flagged with a "J," which means the concentration value is an estimate.

The calibration response factor for methylene chloride was biased. The bias was due in part to the presence of methylene chloride in the calibration analysis resulting from contamination. Because of that limitation, the data reduction system is unable to report methylene chloride reliably. All the data were deemed unreliable and were flagged "R," unusable.

Instrument Performance

The PID detector was not operating properly as evidenced by the excessive baseline drift. The laboratory has reviewed its records and determined that the detector leaked from a defective O-ring. Because of the excessive baseline drift it was not possible to review the PID response for many of the samples. This information would have been used to assess the validity of the sample identification. Instead, the identifications were assessed by reviewing the retention time characteristics.

Surrogate Spike Performance

There was no attempt by the laboratory to reanalyze samples having surrogate recoveries outside the laboratory defined acceptable limits. As the laboratory had just begun to use

TECHNICAL MEMORANDUM

Page 7

March 29, 1993

GLO33316.A0.00

surrogates in the test protocols and establish a database to calculate statistically based limits, the limits used for water (75 to 125 percent recovery) and soil (50 to 150 percent recovery) were arbitrary and advisory.

The SW-846 methodology requires the laboratory to calculate statistical limits for surrogate spike recoveries after 30 data points have been collected. Thus the limits were not derived. Overall the surrogate recoveries were not grossly out of limits, so no action was taken.

Matrix Spike Performance

Overall the spike recoveries were within acceptable recovery limits. In several analyses the native concentration of TCE was greater than the spiked level resulting in ambiguous results. No conclusions can be drawn from the results. The accuracy and precision as indicated from the spike results does not appear to be biased, so no action was taken.

Contamination

The laboratory improperly stored the samples from projects 9301175 and 9301194 in a refrigerator used to store samples collected from underground storage tank and petroleum contaminated sites. Samples of that type are preserved with either methanol or methylene chloride and contain high concentrations of petroleum hydrocarbons. There is a strong potential for cross contamination between samples.

The field investigation samples were obviously contaminated with methylene chloride and appeared to have been contaminated with petroleum hydrocarbons as well. The reliability of the data for low concentration level petroleum hydrocarbons is not well understood, but because the potential for contamination is so great that the results of methylene chloride and petroleum hydrocarbon constituents (i.e., substituted benzene's) were flagged "R," unusable.

The result for TCE in sample 9301204-03 is unreliable because the purging vessel used for sample 9031204-03 previously held a sample containing 65 $\mu\text{g}/\text{kg}$ TCE. It is likely that inadequate cleaning of the purging vessel contributed to the low level detection. The result was flagged "R," unusable.

TECHNICAL MEMORANDUM

Page 8

March 29, 1993

GLO33316.A0.00

Results

Project 9301101

TCE was quantified in sample 9301101-01 outside an acceptable calibration window and was flagged "J."

Project 9301149

TCE was quantified in sample 9301149-01 outside an acceptable calibration window and was flagged "J."

Sample 9301149-03 followed a continuing calibration that was not reported. No action was necessary as a continuing calibration and calibration blank were performed acceptably at the beginning of the day.

Sample 9301149-02 was reported with a surrogate recovery value outside the acceptable limits. The results were not qualified as the recovery ranges are advisory only.

Field replicate precision between samples 9301149-01 and -03 were acceptable. Both samples required dilutions because of the high concentration of TCE. Sample 9301149-01 was diluted 5 times and sample 9301149-03 was diluted 10 times. Some compounds (MTBE, 1,1-DCA, and vinyl chloride) were detected in sample 9301149-01 that were not measured in sample 9301149-03. These may not have been measured because sample 9301149-03 was diluted more than sample 9301149-01 and the compounds were diluted to levels that were no longer detectable.

Project 9301175

Sample 9301175-05 was tested using EPA Method 5030/8240 outside holding times. Project required detection limits were not achieved; however, because TCE was detected at a high concentration the laboratory would not have been able to meet the required detection limits even if it had used EPA Method 5030/8021. Data from this method may not be comparable to data generated using EPA Draft Method 5030/8021. Because the sample was tested outside holding times all values have been flagged "J," estimated.

TCE and 1,1,1-TCA were quantified in samples 9301175-04 and -05 outside an acceptable calibration window and were flagged "J," estimated.

Sample 9301175-02 was reported with a surrogate recovery value outside the acceptable limits. The results were not qualified as the recovery ranges are advisory only.

TECHNICAL MEMORANDUM

Page 9

March 29, 1993

GLO33316.A0.00

Field replicate precision between samples 9301175-01 and -03 was acceptable.

Sample 9301175-04 reported toluene at a concentration level of 1.8 $\mu\text{g/L}$. Because there is a high potential of laboratory contamination the detection of toluene was flagged "R," unusable.

Project 9301194

TCE was quantified in sample 9301194-04 outside an acceptable calibration window and was flagged "J," estimated.

Samples 9301194-01, -02, -03, and -04 were reported with a surrogate recovery value outside the acceptable limits. The results were not qualified as the recovery ranges are advisory only.

Project 9301204

Samples 9301204-07 and -08 were tested using EPA Method 5030/8240 to achieve the required holding times. Project required detection limits were not achieved; however, because TCE was detected at high concentration the laboratory would not have been able to meet to required detection limits even if it had used EPA Method 5030/8021. Data from this method may not be comparable to data generated using EPA Draft Method 5030/8021.

Samples 9301204-01, -03, -04, -07, -08, -10, and -13 were reported with a surrogate recovery value outside the acceptable limits. The results were not qualified as the recovery ranges are advisory only, except sample 9301204-03 which exhibited low recoveries. Results from sample 9301204-03 were flagged "UJ" and "J," estimated.

Field replicate precision between samples 9301204-07 and -08 was acceptable.

Sample 9301204-03 reported several petroleum hydrocarbon constituents at a concentration level approaching the detection limits. The compounds were bromobenzene and chlorotoluene were misidentified because of the presence of coeluting peaks (resulting from the petroleum hydrocarbons) and were flagged "R," unusable. Because the high potential of laboratory contamination the measurement of petroleum hydrocarbons is suspect; however, other circumstantial evidence (i.e., visual information obtained during sample collection and the petroleum hydrocarbon profile on the PID detector) suggests that the measurements are real.

TECHNICAL MEMORANDUM

Page 10

March 29, 1993

GLO33316.A0.00

Sample 9301204-09 reported naphthalene and trimethylbenzene at a concentration level approaching the detection limits. Because there is a high potential of laboratory contamination these detections were flagged "R," unusable.

Project 9301219

Samples 9301219-03, -04, -05, -09, and -10 were reported with a surrogate recovery value outside the acceptable limits. The results were not qualified as the recovery ranges are advisory only.

Field replicate precision between samples 9301219-04 and -05 was acceptable. TCE was measured in sample 9301219-04 at 1.9- $\mu\text{g}/\text{L}$ but not in sample 9301219-05. At low concentration levels this is not unlikely. Precision between samples 9301219-02 and -03 were generally acceptable; however, sample 9301219-02 contained petroleum hydrocarbon constituents at low concentrations that did not appear in sample 9301219-03. The petroleum hydrocarbons in sample 9301219-02 were flagged "R," unusable, because of contamination issues. In the event the detection was real, the differences are not unlikely because of the variability expected from sampling and testing. Precision between samples 9301219-07 and -08 was generally acceptable, but sample 9301219-07 contained PCE and cis-1,2-DCE that was not detected in sample 9301219-08. Sample 9301219-08 contained 2,2-dichloropropane that was not detected in sample 9301219-07. The laboratory had incorrectly identified the dichloropropane and should have identified it as cis-1,2-DCE. The results for TCE and 1,1,1-TCA may not be comparable because the laboratory did not quantify the results in sample 9301219-08 with an acceptable calibration curve.

As described above, TCE was measured in sample 9301219-04 at 1.9- $\mu\text{g}/\text{L}$ but not in sample 9301219-05. At low concentration levels this is not unlikely. The potential for cross contamination was examined. The sample analyzed in sparging tube location from the preceding injection sequence contained 65- $\mu\text{g}/\text{kg}$ TCE and may have contributed to the TCE hit in sample 9301219-04. Results for TCE in sample 9301219-04 were flagged "R," unusable.

2,2-Dichloropropane was detected in sample 9301219-08. The laboratory reassessed its identification and now reports 2,2-dichloropropane as cis-1,2-DCE. The result for 2,2-dichloropropane was reported at the nominal quantification limit and flagged "U," undetected.

1,1,1-TCA in sample 9301219-06, TCE and 1,1,1-TCA in sample 9301219-08, and cis-1,2-DCE in samples 9301219-07 and -10 were quantified with an unacceptable calibration curve and flagged "J."

TECHNICAL MEMORANDUM

Page 11

March 29, 1993

GLO33316.A0.00

Project 9301233

2,2-Dichloropropane was detected in samples 9301233-01 and -08. The laboratory reassessed its identification and now reports 2,2-dichloropropane as cis-1,2-DCE. The result for 2,2-dichloropropane were reported at the nominal quantification limit and flagged "U," undetected.

Project 9301245

Sample 9301245-02 was a field blank containing toluene at 1 $\mu\text{g/L}$. Although the field blank sample may have been exposed to toluene, it is important to note that toluene is not a site contaminant and it was not detected in any field sample. The analytical method does not provide confirmation analyses, and the laboratory analyses appear to have been affected by contamination from petroleum hydrocarbon. The detection of toluene is unreliable. Since it has no effect on the data, no action was taken to qualify the data.

Conclusion

The volatile organic and inorganic data were reviewed and qualified using procedures described in this memorandum. Based on the objectives defined in the work plan, the data met the technical goals of the project. The data user is cautioned against making judgments solely on the basis of data that have been associated with identified problems related to improper calibrations, laboratory contamination, holding time exceedance, and biased recoveries.

10011B57.GLO

Table 1
Analytical Data Results for Aqueous Matrix
Mercury Marine Site

Field Sample ID:	MGW01	BLK-01	MGW03	BLK-02	MGW03-FR	MGW02	BLK-03	MGW02-DU	BLK-04	MSB9-GW-6-11	BLK05	MSB7-GW-12-15
Laboratory ID:	9301101-01	9301101-02	9301149-01	9301149-02	9301149-03	9301175-01	9301175-02	9301175-03	9301194-01	9301194-02	9301204-01	9301204-02
Sample Collection Date:	1/13/93	1/13/93	1/15/93	1/15/93	1/15/93	1/20/93	1/20/93	1/20/93	1/21/93	1/21/93	1/22/93	1/22/93
Benzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Bromobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Bromochloromethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Bromodichloromethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Bromoform	µg/L	15 U	3 U	15 U	3 U	30 U	3 U	3 U	3 U	300 U	3 U	75 U
Bromomethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
n-Butylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
sec-Butylbenzene	µg/L	5 U	1 U	5 U	1 U	10.0 U	1 U	1 U	1 U	100 U	1 U	25 U
tert-Butylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Carbon tetrachloride	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Chlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Chloroethane	µg/L	10 U	2 U	10 U	2 U	20 U	2 U	2 U	2 U	200 U	2 U	50 U
Chloroform	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Chloromethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
2-Chlorotoluene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
4-Chlorotoluene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2-Dibromo-3-chloropropan	µg/L	25 U	5 U	25 U	5 U	50 U	5 U	5 U	5 U	500 U	5 U	120 U
Dibromochloromethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2-Dibromoethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Dibromomethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2-Dichlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,3-Dichlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,4-Dichlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Dichlorodifluoromethane	µg/L	10 U	2 U	10 U	2 U	20 U	2 U	2 U	2 U	200 U	2 U	50 U
1,1-Dichloroethane	µg/L	5 U	1 U	7.8	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2-Dichloroethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,1-Dichloroethene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
cis-1,2-Dichloroethene	µg/L	5 U	1 U	100	1 U	62.0	1 U	1 U	1 U	100 U	1 U	25 U
trans-1,2-Dichloroethene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2-Dichloropropane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,3-Dichloropropane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
2,2-Dichloropropane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,1-Dichloropropene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Ethylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Hexachlorobutadiene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Isopropylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
p-Isopropyltoluene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Methylene Chloride	µg/L	5 R	1 R	5 R	1 R	10 R	1 R	1 R	1 R	100 R	1 R	25 R
M-t-butyl-ether	µg/L	5 U	1 U	9.8	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Naphthalene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
n-Propylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Styrene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,1,1,2-Tetrachloroethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,1,2,2-Tetrachloroethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Tetrachloroethene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Toluene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2,3-Trichlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2,4-Trichlorobenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,1,1-Trichloroethane	µg/L	30	1 U	5 U	1 U	10 U	8.5	6.1	1 U	100 U	1 U	25 U
1,1,2-Trichloroethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Trichloroethene	µg/L	310 J	1 U	280 J	1 U	230	33	28	1 U	2300	1 U	570
Trichlorofluoromethane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2,3-Trichloropropane	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,2,4-Trimethylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
1,3,5-Trimethylbenzene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Vinyl Chloride	µg/L	10 U	2 U	11	2 U	20 U	2 U	2 U	2 U	200 U	2 U	50 U
o-Xylene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
m/p-Xylene	µg/L	5 U	1 U	5 U	1 U	10 U	1 U	1 U	1 U	100 U	1 U	25 U
Alkalinity	ppm	730		3400		4200	410	400		2600		
Chemical Oxygen Demand	mg/L	270		890		1100	23	18		610		
Iron in Water	mg/L	84		2000		2400	28	26		1700		
Hardness, Total	mg/L	3800		240000		230000	1200	1100		34000		
Total Organic Carbon	mg/L	55		6300		4500	5.7	3		480		

Table 2
Analytical Data Results for Soil Matrix
Mercury Marine Site

Field Sample ID:	MSB8-SS-8-10	MSB8-SS-10-12	MSB9-SS-9-11	MSB9-SS-3-5	MSB7-SS-5-6	MSB7-SS-6-7	MSB7-SS-7-9	MSB10-SS-1-3	MSB10-SS-3-5	MSB10-SS-9-11	MSB11-SS-1-3	MSB11-SSD-1-3	MSB11-SS-5-7	MSB11-SS-9-11	MSB11-SS-9-11	MSB11-SS-13-15	
Laboratory ID:	9301175-04	9301175-05	9301194-03	9301194-04	9301204-03	9301204-04	9301204-05	9301204-09	9301204-10	9301204-13	9301219-4	9301219-5	9301219-6	9301219-7	9301219-8	9301219-9	
Sample Collection Date:	1/20/93	1/20/93	1/21/93	1/21/93	1/22/93	1/22/93	1/22/93	1/22/93	1/22/93	1/22/93	1/25/93	1/25/93	1/25/93	1/25/93	1/25/93	1/25/93	
Benzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Bromobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	8.1 R	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Bromochloromethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Bromodichloromethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Bromoform	µg/L	3 U	15 UJ	16 U	4 U	3.7 UJ	15 U	14 U	3.6 U	3.4 U	3.2 U	3.7 U	3.6 U	17 U	3.6 U	3.3 U	
Bromomethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
n-Butylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	3.9 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
sec-Butylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	8.0 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
tert-Butylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	8.4 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Carbon tetrachloride	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Chlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Chloroethane	µg/L	2 U	10 UJ	10 U	2.6 U	2.4 UJ	9.9 U	9.6 U	2.4 U	2.3 U	2.1 U	2.4 U	2.5 U	2.4 U	11 U	2.4 U	2.2 U
Chloroform	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Chloromethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
2-Chlorotoluene	µg/L	1 U	5 UJ	5.2 U	1.3 U	4.9 R	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
4-Chlorotoluene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2-Dibromo-3-chloropropan	µg/L	5 U	25 UJ	26 U	6.6 U	6.1 UJ	25 U	24 U	6 U	5.6 U	5.3 U	6.1 U	6.2 U	6 U	29 U	5.9 U	5.5 U
Dibromochloromethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2-Dibromoethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Dibromomethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2-Dichlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,3-Dichlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,4-Dichlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Dichlorodifluoromethane	µg/L	2 U	10 UJ	10 U	2.6 U	2.4 UJ	9.9 U	9.6 U	2.4 U	2.3 U	2.1 U	2.4 U	2.5 U	2.4 U	11 U	2.4 U	2.2 U
1,1-Dichloroethane	µg/L	1 U	9.8 J	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	4.4	5.7 U	8.9	1.1 U
1,2-Dichloroethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,1-Dichloroethene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
cis-1,2-Dichloroethene	µg/L	1 U	38 J	5.2 U	1.3 U	2.0 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	8.4	20 J	17 J	1.1 U
trans-1,2-Dichloroethene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2-Dichloropropane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,3-Dichloropropane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
2,2-Dichloropropane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,1-Dichloropropene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Ethylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Hexachlorobutadiene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Isopropylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	3.1 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
p-Isopropyltoluene	µg/L	1 U	5 UJ	5.2 U	1.3 U	3.7 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Methylene Chloride	µg/L	930 R	720 R	1000 R	1.3 R	1.2 R	4.9 R	4.8 R	1.2 R	1.1 R	1.1 R	1.2 R	1.2 R	1.2 R	5.7 R	850 R	1.1 R
M-t-butyl-ether	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Naphthalene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	2.3 R	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
n-Propylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	3.1 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Styrene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,1,1,2-Tetrachloroethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,1,2,2-Tetrachloroethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Tetrachloroethene	µg/L	1 U	5 UJ	21	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	8.5	1.1 U
Toluene	µg/L	2.1 R	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2,3-Trichlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2,4-Trichlorobenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,1,1-Trichloroethane	µg/L	100 J	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	65 J	62	103 J	1.1 U
1,1,2-Trichloroethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Trichloroethene	µg/L	130 J	580 J	150	100 J	57 J	92	180	1.2 U	1.1 U	7.5	1.9 R	1.2 U	44	91	69 J	1.1 U
Trichlorofluoromethane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2,3-Trichloropropane	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,2,4-Trimethylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	6.7 J	4.9 U	4.8 U	3.8 R	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
1,3,5-Trimethylbenzene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.3 J	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Vinyl Chloride	µg/L	2 U	10 UJ	10 U	2.6 U	2.4 UJ	9.9 U	9.6 U	2.4 U	2.3 U	2.1 U	2.4 U	2.5 U	2.4 U	11 U	2.4 U	2.2 U
o-Xylene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
m/p-Xylene	µg/L	1 U	5 UJ	5.2 U	1.3 U	1.2 UJ	4.9 U	4.8 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	5.7 U	1.2 U	1.1 U
Alkalinity	ppm																
Chemical Oxygen Demand	mg/L																
Iron in Water	mg/L																
Hardness, Total	mg/L																
Total Organic Carbon	mg/L	510	1200	370	430	7500	520	430	1400	400	510	3900	3200	380	470	320	8.3

Table 1
Analytical Data Results for Aqueous Matrix
Mercury Marine Site

Field Sample ID: Laboratory ID: Sample Collection Date:	MFB01 9301204-06 1/22/93	MSB7-GW-18-28 9301204-07 1/22/93	MSB7-GWD-18-28 9301204-08 1/22/93	BLK-06 9301219-1 1/25/93	MSB10-GW-13-23 9301219-2 1/25/93	MSB10-GW-13-23 DUP 9301219-3 1/25/93	MSB11-GW-12-15 9301219-10 1/25/93	MSB11-GW-18-28 9301233-01 1/26/93	BLK07 9301233-02 1/26/93	MSB12-GW-14-19 9301245-01 1/27/93	MFB02 9301245-02 1/27/93	BLK08 9301245-03 1/27/93
Benzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Bromobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Bromochloromethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Bromoform	µg/L	3 U	75 U	75 U	3 U	3 U	3 U	30 U	15 U	3 U	3 U	3 U
Bromomethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
n-Butylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
sec-Butylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
tert-Butylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Chlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Chloroethane	µg/L	2 U	50 U	50 U	2 U	2 U	2 U	63	39	2 U	2 U	2 U
Chloroform	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Chloromethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
2-Chlorotoluene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
4-Chlorotoluene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropan	µg/L	5 U	120 U	120 U	5 U	5 U	5 U	50 U	25 U	5 U	5 U	5 U
Dibromochloromethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Dibromomethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Dichlorodifluoromethane	µg/L	2 U	50 U	50 U	2 U	2 U	2 U	20 U	10 U	2 U	2 U	2 U
1,1-Dichloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	92	92	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,1-Dichloroethene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	110 J	12	1.0 U	1 U	1 U
trans-1,2-Dichloroethene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,3-Dichloropropane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
2,2-Dichloropropane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,1-Dichloropropene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Ethylbenzene	µg/L	1 U	25 U	25 U	1 U	1.2 R	1 U	10 U	5 U	1 U	1 U	1 U
Hexachlorobutadiene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Isopropylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
p-Isopropyltoluene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Methylene Chloride	µg/L	1 R	35 R	33 R	1 R	1 R	1 R	10 R	88 R	1 R	1 R	1 R
M-t-butyl-ether	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Naphthalene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
n-Propylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Styrene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,1,1,2-Tetrachloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Toluene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,1,1-Trichloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	16	158	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Trichloroethene	µg/L	1 U	99	100	1 U	1 U	1 U	77	5 U	1 U	1 U	1 U
Trichlorofluoromethane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2,3-Trichloropropane	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
Vinyl Chloride	µg/L	2 U	50 U	50 U	2 U	2 U	2 U	130	90	2 U	2 U	2 U
o-Xylene	µg/L	1 U	25 U	25 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U
m/p-Xylene	µg/L	1 U	25 U	25 U	1 U	4.7 R	1 U	10 U	5 U	1 U	1 U	1 U
Alkalinity	ppm	4.1	3600	4800	400			72000	600	480	6	
Chemical Oxygen Demand	mg/L	5 U	340	230	160			5600	58	22	5.6	
Iron in Water	mg/L	0.86	340	290	77			2600	490	25	0.15	
Hardness, Total	mg/L	17	44000	28000	21000			340000	9800	3100	8.9	
Total Organic Carbon	mg/L	1 U	330	26	46			2600	20	7.3	3.9	