

April 20, 2023

Mr. Charles Dertinger  
**Aspect Holdings LLC**  
124 South H Street  
Lake Worth, Florida

RE: Phase II Limited Site Investigation (LSI)  
South Florida Stairs, Inc.  
124 South H Street  
Lake Worth, Florida  
**BL Project No. 2300443.01**

Dear Mr. Dertinger:

Pursuant to the scope of work outlined in our Agreement, dated March 21, 2023, BL Companies has completed a Limited Phase II Site Investigation (LSI) at the above-referenced property ("Site"). The Site consists of an approximately 0.23-acre parcel located at 124 South H Street, Lake Worth, Palm Beach County, Florida (see Attachment 1, Site Location Map). The Site is developed with one building located in the central portion of the property. This building consists of an approximately 5,920-square-foot stair manufacturing facility occupied by South Florida Stairs, Inc. The remainder of the Site consists of asphalt and concrete-paved parking/drive areas. Vehicular access to the Site is provided via South H Street, along the western property boundary, and an unnamed accessway, along the eastern property boundary.

### **Purpose and Scope**

The Phase II LSI was completed at the Site to address the recognized environmental condition (REC) that was identified during a recent Phase I Environmental Site Assessment (ESA) completed by BL Companies. The REC identified during the Phase I ESA consisted of the following:

- **Spray paint booths associated with current/former operations:** Two spray paint booths were observed within the Subject Property building and are associated with current and former operations. Metal grates were observed inside the paint booths, and according to Mr. Johnson, these grates act as filters. A portion of the floor was observed to be sunken in, and Mr. Johnson stated the "pits" are needed to allow for space below the filters to aid in removal and/or replacement of the filters. Evidence of drains was not observed below the filters; however, there was a layer of dust on the filter and floor beneath. A paint mixing room and waste paint storage were observed adjacent and within the spray paint booths. There is the potential for solvent-based contaminants to enter the subsurface from the paint booths.

The purpose of BL Companies' Phase II LSI was to address environmental concerns associated with the above-referenced RECs by conducting a geophysical survey scan of specific identified targets, potential boring locations for buried utilities, followed by an evaluation of subsurface soils and/or groundwater at the Site.

## **Geophysical Survey**

BL Companies coordinated the completion of a geophysical survey at the Site in an effort to clear the proposed soil boring locations. On April 3, 2023, GPR Scanning Services LLC (GPRSS) completed a focused geophysical survey under the direction of BL Companies. The purpose of the survey was to scan the subsurface using various geophysical techniques to identify current Site features (i.e., subsurface utilities, etc.) and to assist in the safe placement of soil borings. GPRSS did not identify any anomalies in the areas scanned. GPRSS scanned areas around the proposed soil boring locations and cleared all locations. Geophysical instruments used by GPRSS included ground penetrating radar (GPR), electromagnetic scanning, and line location/tracing equipment to scan the areas of concern for magnetic signatures associated with buried utilities and other geophysical anomalies.

During the geophysical survey, a suspected historic paint booth was observed in the southeastern portion of the building. One proposed boring was moved to the location of the third paint booth, so it could be evaluated during this investigation.

## **Soil Boring and Sampling Program**

On April 3, 2023, Earth Tech Drilling mobilized a Mobile Drill B-37LC Drill Rig to the Site to assist in the collection of soil samples from the subsurface. The Geoprobe utilized 5-foot, 2-inch diameter sampler rods to collect soil samples in an acetate liner. A total of one (1) exterior soil boring (designated as SB-6) was installed using mechanized, direct-push technology. Five soil borings (designated as SB-1 through SB-5) were advanced inside the building using a coring machine and hand auger.

Soil borings were advanced in the following locations:

- Soil boring SB-1 was located along the southern wall of the easternmost active spray booth.
- Soil boring SB-2 was located within the paint mixing room, located in between the two active paint booths.
- Soil boring SB-3 was located along the southern wall of the western active paint booth.
- Soil boring SB-4 was located along the eastern wall of the western active paint booth.
- Soil boring SB-5 was located along the eastern wall of the suspected former paint booth.
- Soil boring SB-6 was located on the eastern exterior side of the building, downgradient of the two active spray paint booths.

The soil borings were advanced to depths ranging from 2 to 20 feet below grade surface (bgs). Subsurface soils recovered from the soil borings were field-screened with a photo-ionization detector (PID) for the presence of volatile organic compounds (VOCs), which can be indicative of petroleum products or other volatile chemicals. Positive PID responses were not detected in any of the soil borings.

Groundwater was not encountered during drilling activities (up to 20 feet bgs). Due to the lack of groundwater, temporary monitoring wells were not installed at the exterior boring, and groundwater samples were not collected.

A total of six (6) soil samples were placed into laboratory-supplied containers and chilled on ice through delivery to Pace Analytical Laboratories in Fort Lauderdale, Florida for laboratory analysis. The samples were analyzed for a combination of Volatile Organic Compounds (VOCs), Polynuclear Aromatic Hydrocarbons (PAHs), and Metals.

The locations of the soil borings are depicted on the attached Site Plan (see Attachment 1). Soil boring logs that summarize the subsurface conditions encountered are included as Attachment 2.

### **Laboratory Results/Findings**

#### **Soil**

Soil samples SB-2, SB-4, and SB-5 contained concentrations of Benzo (a) pyrene equivalent above laboratory detection limits, and below applicable standards. Various samples contained metals including cadmium, chromium, copper, lead, mercury, nickel, and zinc at concentrations above laboratory detection limits, and below applicable regulatory criteria.

None of the collected samples contained concentrations of VOCs above laboratory reporting limits.

### **Conclusions and Recommendations**

Soils tested are in general compliance with the Florida Department of Environmental Protection Soil Cleanup Target Levels (FLDEP SCTL) criteria.

Based on the lack of positive field screening readings, lack of petroleum constituents detected in soil, and lack of contaminant concentrations exceeding applicable standards, no further investigation is recommended.

### **Limitations**

The data generated during the Phase II LSI reflects the conditions found at the Site on the dates and at the locations specified. The data cannot be extrapolated to locations on the Site that were not tested, or to compounds for which tests were not conducted.

### **Reliance**

This Report is for the exclusive use of and may be relied upon by the Client and its respective successors and assigns; Aspect Holdings LLC. No parties or persons other than those identified as authorized users may use or rely on the information or opinions in this Report without the written consent of BL Companies. Notwithstanding delivery of this Report by BL Companies or the Client to any third party, any copy of this Report provided to a third party absent said written consent is provided for informational purposes only. Reliance on this Report by any other person(s) or entity(ies) is strictly at their own risk and BL Companies makes no warranties to person(s) or entity(ies) who use the information provided in this Report.

Mr. Charles Dertinger  
South Florida Stairs, Inc.  
BL Project No. 2300443  
April 20, 2023  
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BL Companies appreciates the opportunity to provide these environmental services to you. Should there be any questions regarding this report, please do not hesitate to contact the undersigned.

Respectfully submitted,

**BL Companies**



Tom Killilea  
Project Scientist



Jordana Langford  
Project Manager

Attachments

## **ATTACHMENTS**

Attachment 1	Site Location Map Site Plan
Attachment 2	Soil Boring Logs
Attachment 3	Analytical Data Summary Table
Attachment 4	Laboratory Analytical Report

# **ATTACHMENT 1**

## **Site Location Map Site Plan**



Architecture  
Engineering  
Environmental  
Land Surveying

FIGURE 1 - SITE LOCATION MAP  
SOUTH FLORIDA STAIRS, INC.  
124 South H Street  
Lake Worth, Florida 33460

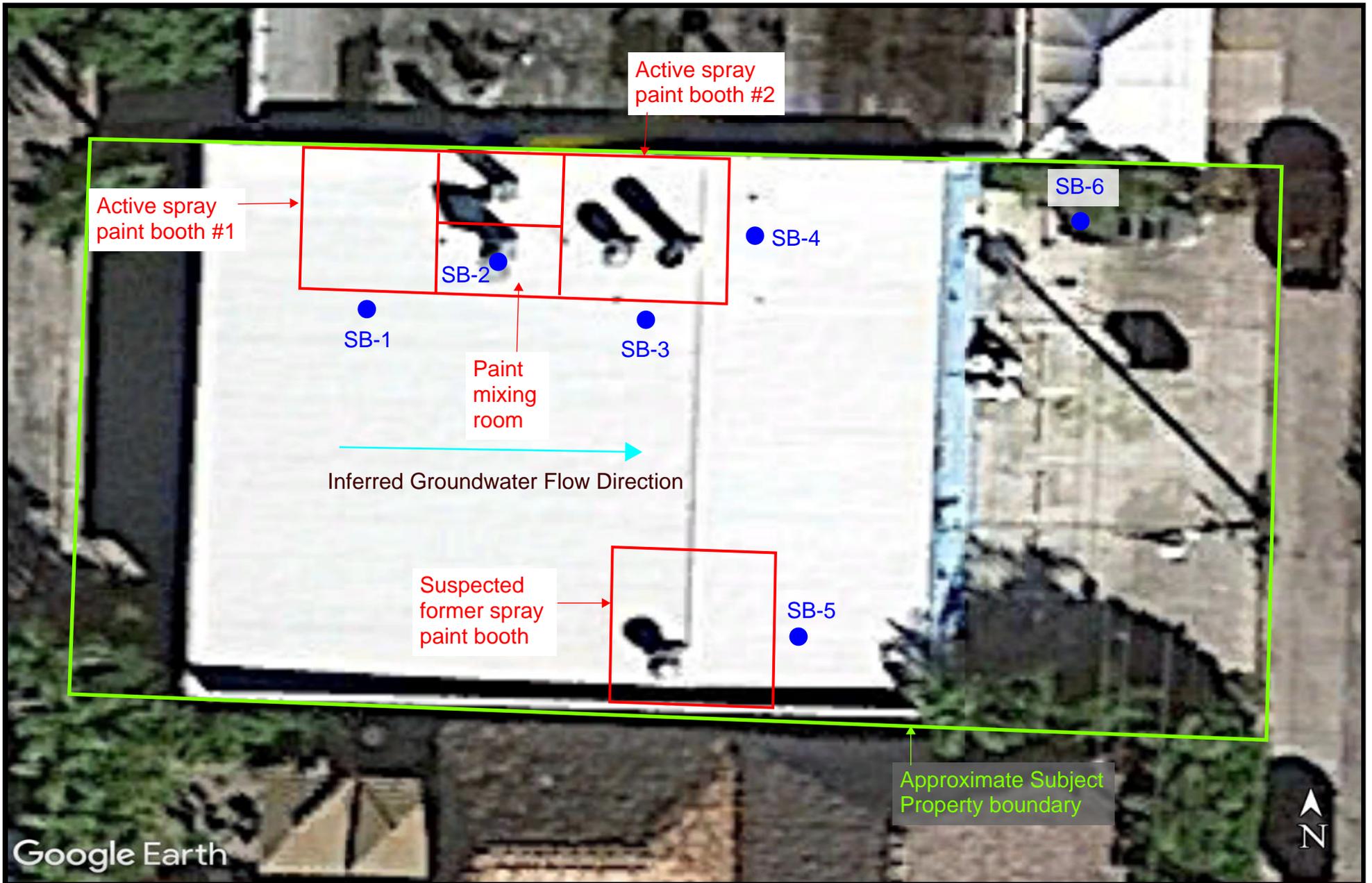
PREPARED FOR: Fund-Ex Solutions Group c/o ORMS

DRAWN BY: Tom Killilea

DATE: 2/24/2023

IMAGE YEAR:

PROJ. #: 2300443



**Figure 2 - Site Plan**  
**South Florida Stairs, Inc.**  
**124 South H Street**  
**Lake Worth, Florida**

Scale: NOT TO SCALE  
Project Number: 2300443  
Date: 04/03/2023

## **ATTACHMENT 2**

### **Soil Boring Logs**



# SOIL BORING LOG

<b>BORING ID</b> SB-1	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 3 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> (Hand Auger)	
	<b>DRILLING METHOD</b> (Hand Auger)	

**COMMENTS** Utilized concrete coring machine

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
				0-0.4': CONCRETE		
				0.4-2': Gray fine SAND loose, dry		
Sample collected at 1-2' bgs.		0.0	1			
			2	End of exploration at 2' bgs.		
			3			
			4			
			5			
			6			
			7			
			8			
			9			



# SOIL BORING LOG

<b>BORING ID</b> SB-2	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 3 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> (Hand Auger)	
	<b>DRILLING METHOD</b> (Hand Auger)	

**COMMENTS** Utilized concrete coring machine

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
				0-0.4': CONCRETE		
				0.4-2': Gray fine SAND loose, dry		
Sample collected at 1-2' bgs.		0.0	1			
			2	End of exploration at 2' bgs.		
			3			
			4			
			5			
			6			
			7			
			8			
			9			



<b>BORING ID</b> SB-3	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 3 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> (Hand Auger)	
	<b>DRILLING METHOD</b> (Hand Auger)	

**COMMENTS** Utilized concrete coring machine

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
				0-0.5': CONCRETE		
			1	0.5-2': Gray fine SAND loose, dry		Fill materials (glass, wood) present
Sample collected at 1-2' bgs.		0.1				
			2	End of exploration at 2' bgs.		
			3			
			4			
			5			
			6			
			7			
			8			
			9			



# SOIL BORING LOG

<b>BORING ID</b> SB-4	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 3 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> (Hand Auger)	
	<b>DRILLING METHOD</b> (Hand Auger)	

**COMMENTS** Utilized concrete coring machine

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
				0-0.4': CONCRETE		
				0.4-2': Light gray fine SAND loose, dry		Large void space under concrete slab, lighter gray color may indicate presence of concrete dust mixed in with sand
Sample collected at 1-2' bgs.		0.0	1			
			2	End of exploration at 2' bgs.		
			3			
			4			
			5			
			6			
			7			
			8			
			9			



# SOIL BORING LOG

<b>BORING ID</b> SB-5	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 3 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> (Hand Auger)	
	<b>DRILLING METHOD</b> (Hand Auger)	

**COMMENTS** Utilized concrete coring machine

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
				0-0.4': CONCRETE		
Sample collected at 0.5-1' bgs.		0.0	1	0.4-2': Light gray fine SAND loose, dry		
		0.0	2	End of exploration at 2' bgs.		
			3			
			4			
			5			
			6			
			7			
			8			
			9			



# SOIL BORING LOG

<b>BORING ID</b> SB-6	<b>DRILLING DATE</b> 4/3/2023	<b>SOIL BORING DIAMETER</b> 2.25 Inches
<b>PROJECT NUMBER</b> 2300443	<b>DRILLING COMPANY</b> Earthtech Drilling	<b>LOGGED BY</b> Tom Killilea
<b>PROJECT NAME</b> 124 S H Street, Lake Worth FL	<b>DRILLER</b> James C	
<b>CLIENT</b> Aspect Holdings LLC	<b>DRILL RIG</b> Mobile Drill B-37LC	
	<b>DRILLING METHOD</b> Direct Push	

**COMMENTS** Attempted temporary well location (exterior)

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
			0	0-0.2': ASPHALT		
			1	0.2-5': Gray fine SAND loose, dry		Recovery constantly falling from sampling tube. Sample recovery collected from bag held below sampling tube once held vertically.
			2			
			3			
			4			
			5			
		0.0	6	5-9': Gray fine SAND loose, dry		
			7			
			8			
			9			
			10	9-10': Orange-brown medium SAND loose, moist		
			11			
			12			
		0.0	13	10-15': Orange-brown medium SAND loose, dry		
Sample collected at 13-15' bgs.			14			
			15			
			16			
			17			
		0.0	18	15-20': Orange-brown medium SAND loose, dry		
			19			
			20			
			20	End of exploration at 20' bgs.		

## **ATTACHMENT 3**

### **Analytical Data Summary Table**

**Table 1**  
**Soil Analytical Results**  
**124 South H Street**  
**Lake Worth, FL**

Parameters	FLDEP SCTL Criteria			Concentrations of Compounds in Sample					
	RES DEC	I/C DEC	Leachability based on GW Criteria Limits	SB-1 (1-2')	SB-2 (1-2')	SB-3 (1-2')	SB-4 (1-2')	SB-5 (0.5-1')	SB-6 (13-15')
				4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023
<b>VOCs (mg/kg)</b>									
All VOCs Tested	Varies	Varies	Varies	ND	ND	ND	ND	ND	ND
<b>PAHs (mg/kg)</b>									
Benzo (a) pyrene equivalent	0.1	0.7	**	NA	0.022	NA	0.0092	0.01	NA
All Other PAHs Tested	Varies	Varies	Varies	NA	ND	NA	ND	ND	NA
<b>Metals (mg/kg)</b>									
Cadmium	82	1700	7.5	NA	0.49	NA	0.16	0.25	NA
Chromium	210	470	38	NA	4.6	NA	1.4	0.96	NA
Copper	150	89000	#1	NA	12	NA	4.2	4.7	NA
Lead	400	1400	*	NA	48.9	NA	15.1	19.6	NA
Mercury	3	17	2.1	NA	0.056	NA	0.034	0.055	NA
Nickel	340	35000	130	NA	2.4	NA	0.69	0.25 I	NA
Zinc	26000	630000	#1	NA	61.5	NA	15	17.8	NA
All Other Metals Tested	#1	#1	#1	ND	ND	ND	ND	ND	ND
<b>Notes:</b> Only detected compounds listed FLDEP = Florida Department of Environmental Protection RES DEC = Residential Direct Exposure Criteria I/C DEC = Industrial/Commercial Direct Exposure Criteria * = Leachability value may be determined using TCLP ** = Leachability value not applicable mg/kg = milligrams per kilogram NA = Not Analyzed ND < = Not detected above laboratory reporting limits #1 = Criteria not established I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit  <b>Shaded &amp; Bold = exceeds RES DEC</b> <b>Shaded and Underlined = Exceeds I/C DEC</b> <b>Shaded &amp; Italics = exceeds Leachability Based on GW Criteria</b>									

## **ATTACHMENT 4**

### **Laboratory Analytical Report**

April 11, 2023

Jordana Langford  
BL Companies  
355 Research Parkway  
Meriden, CT 06450

RE: Project: Lake Worth FLA  
Pace Project No.: 35789703

Dear Jordana Langford:

Enclosed are the analytical results for sample(s) received by the laboratory on April 03, 2023. 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 - Ormond Beach

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

Sincerely,



Brittany DeRosa  
brittany.derosa@pacelabs.com  
(954)582-4300  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Lake Worth FLA  
Pace Project No.: 35789703

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### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174  
Alaska DEC- CS/UST/LUST  
Alabama Certification #: 41320  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH-0216  
Delaware Certification: FL NELAC Reciprocity  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maine Certification #: FL01264  
Maryland Certification: #346  
Massachusetts Certification #: M-FL1264  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236  
Montana Certification #: Cert 0074  
Nebraska Certification: NE-OS-28-14  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL022  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
North Dakota Certification #: R-216  
Ohio DEP 87780  
Oklahoma Certification #: D9947  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
South Carolina Certification: #96042001  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
US Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Environmental Certification #: 460165  
West Virginia Certification #: 9962C  
Wisconsin Certification #: 399079670  
Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Lake Worth FLA

Pace Project No.: 35789703

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
35789703001	SB-1 (1-2')	Solid	04/03/23 11:15	04/03/23 16:50
35789703002	SB-2 (1-2')	Solid	04/03/23 12:05	04/03/23 16:50
35789703003	SB-3 (1-2')	Solid	04/03/23 12:30	04/03/23 16:50
35789703004	SB-4 (1-2')	Solid	04/03/23 13:00	04/03/23 16:50
35789703005	SB-5 (0.5-1')	Solid	04/03/23 13:20	04/03/23 16:50
35789703006	SB-6 (13-15)	Solid	04/03/23 15:30	04/03/23 16:50

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: Lake Worth FLA  
Pace Project No.: 35789703

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35789703001	SB-1 (1-2')	EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O
35789703002	SB-2 (1-2')	EPA 6010	KPP	12	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O
35789703003	SB-3 (1-2')	EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O
35789703004	SB-4 (1-2')	EPA 6010	KPP	12	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O
35789703005	SB-5 (0.5-1')	EPA 6010	KPP	12	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O
35789703006	SB-6 (13-15)	EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	BMA	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: Lake Worth FLA

Pace Project No.: 35789703

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>35789703001</b>	<b>SB-1 (1-2')</b>					
EPA 8260	Acetone	0.083	mg/kg	0.065	04/04/23 15:36	
ASTM D2974-87	Percent Moisture	20.6	%	0.10	04/04/23 08:19	
<b>35789703002</b>	<b>SB-2 (1-2')</b>					
EPA 6010	Arsenic	0.52	l mg/kg	0.60	04/04/23 21:46	
EPA 6010	Beryllium	0.032	l mg/kg	0.060	04/04/23 21:46	
EPA 6010	Cadmium	0.49	mg/kg	0.060	04/04/23 21:46	
EPA 6010	Chromium	4.6	mg/kg	0.30	04/04/23 21:46	
EPA 6010	Copper	12.0	mg/kg	0.30	04/04/23 21:46	
EPA 6010	Lead	48.9	mg/kg	0.60	04/04/23 21:46	
EPA 6010	Nickel	2.4	mg/kg	0.30	04/04/23 21:46	
EPA 6010	Zinc	61.5	mg/kg	6.0	04/04/23 21:46	
EPA 7471	Mercury	0.056	mg/kg	0.0069	04/10/23 12:31	
EPA 8270	Benzo(a)anthracene	0.011	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Benzo(a)pyrene	0.014	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Benzo(b)fluoranthene	0.021	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Chrysene	0.013	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Fluoranthene	0.022	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Phenanthrene	0.0085	l mg/kg	0.034	04/04/23 19:34	
EPA 8270	Pyrene	0.019	l mg/kg	0.034	04/04/23 19:34	
EPA 8260	Acetone	0.025	l mg/kg	0.054	04/04/23 16:22	
EPA 8260	Toluene	0.0021	l mg/kg	0.0054	04/04/23 16:22	
ASTM D2974-87	Percent Moisture	0.57	%	0.10	04/04/23 08:19	
<b>35789703003</b>	<b>SB-3 (1-2')</b>					
EPA 8260	Acetone	0.044	l mg/kg	0.054	04/04/23 17:09	
EPA 8260	Toluene	0.0012	l mg/kg	0.0054	04/04/23 17:09	
ASTM D2974-87	Percent Moisture	2.1	%	0.10	04/04/23 08:19	
<b>35789703004</b>	<b>SB-4 (1-2')</b>					
EPA 6010	Beryllium	0.013	l mg/kg	0.052	04/04/23 21:56	
EPA 6010	Cadmium	0.16	mg/kg	0.052	04/04/23 21:56	
EPA 6010	Chromium	1.4	mg/kg	0.26	04/04/23 21:56	
EPA 6010	Copper	4.2	mg/kg	0.26	04/04/23 21:56	
EPA 6010	Lead	15.1	mg/kg	0.52	04/04/23 21:56	
EPA 6010	Nickel	0.69	mg/kg	0.26	04/04/23 21:56	
EPA 6010	Zinc	15.0	mg/kg	5.2	04/04/23 21:56	
EPA 7471	Mercury	0.034	mg/kg	0.0079	04/10/23 12:33	
EPA 8260	Toluene	0.0014	l mg/kg	0.0050	04/04/23 17:33	
<b>35789703005</b>	<b>SB-5 (0.5-1')</b>					
EPA 6010	Cadmium	0.25	mg/kg	0.058	04/04/23 22:00	
EPA 6010	Chromium	0.96	mg/kg	0.29	04/04/23 22:00	
EPA 6010	Copper	4.7	mg/kg	0.29	04/04/23 22:00	
EPA 6010	Lead	19.6	mg/kg	0.58	04/04/23 22:00	
EPA 6010	Nickel	0.25	l mg/kg	0.29	04/04/23 22:00	
EPA 6010	Zinc	17.8	mg/kg	5.8	04/04/23 22:00	
EPA 7471	Mercury	0.055	mg/kg	0.0076	04/10/23 12:40	
EPA 8270	Benzo(b)fluoranthene	0.012	l mg/kg	0.034	04/05/23 10:13	

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## SUMMARY OF DETECTION

Project: Lake Worth FLA

Pace Project No.: 35789703

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>35789703005</b>	<b>SB-5 (0.5-1')</b>					
EPA 8270	Benzo(g,h,i)perylene	0.0087	l mg/kg	0.034	04/05/23 10:13	
EPA 8270	Fluoranthene	0.013	l mg/kg	0.034	04/05/23 10:13	
EPA 8270	Pyrene	0.012	l mg/kg	0.034	04/05/23 10:13	
EPA 8260	Acetone	0.015	l mg/kg	0.041	04/04/23 17:56	
EPA 8260	o-Xylene	0.0023	l mg/kg	0.0041	04/04/23 17:56	
ASTM D2974-87	Percent Moisture	0.16	%	0.10	04/04/23 08:19	
<b>35789703006</b>	<b>SB-6 (13-15)</b>					
EPA 8260	Acetone	0.024	l mg/kg	0.055	04/04/23 18:20	
EPA 8260	Toluene	0.0020	l mg/kg	0.0055	04/04/23 18:20	
ASTM D2974-87	Percent Moisture	2.1	%	0.10	04/04/23 08:19	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA

Pace Project No.: 35789703

**Sample: SB-1 (1-2)**      **Lab ID: 35789703001**      Collected: 04/03/23 11:15      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.083</b>	mg/kg	0.065	0.012	1	04/04/23 09:23	04/04/23 15:36	67-64-1	
Acetonitrile	<b>0.0057 U</b>	mg/kg	0.065	0.0057	1	04/04/23 09:23	04/04/23 15:36	75-05-8	
Benzene	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	71-43-2	
Bromochloromethane	<b>0.00097 U</b>	mg/kg	0.0065	0.00097	1	04/04/23 09:23	04/04/23 15:36	74-97-5	
Bromodichloromethane	<b>0.0014 U</b>	mg/kg	0.0065	0.0014	1	04/04/23 09:23	04/04/23 15:36	75-27-4	
Bromoform	<b>0.0014 U</b>	mg/kg	0.0065	0.0014	1	04/04/23 09:23	04/04/23 15:36	75-25-2	
Bromomethane	<b>0.0024 U</b>	mg/kg	0.0065	0.0024	1	04/04/23 09:23	04/04/23 15:36	74-83-9	
2-Butanone (MEK)	<b>0.0065 U</b>	mg/kg	0.065	0.0065	1	04/04/23 09:23	04/04/23 15:36	78-93-3	
Carbon disulfide	<b>0.0033 U</b>	mg/kg	0.0065	0.0033	1	04/04/23 09:23	04/04/23 15:36	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	56-23-5	
Chlorobenzene	<b>0.0012 U</b>	mg/kg	0.0065	0.0012	1	04/04/23 09:23	04/04/23 15:36	108-90-7	
Chloroethane	<b>0.0027 U</b>	mg/kg	0.0065	0.0027	1	04/04/23 09:23	04/04/23 15:36	75-00-3	
Chloroform	<b>0.0011 U</b>	mg/kg	0.0065	0.0011	1	04/04/23 09:23	04/04/23 15:36	67-66-3	
Chloromethane	<b>0.0012 U</b>	mg/kg	0.0065	0.0012	1	04/04/23 09:23	04/04/23 15:36	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	96-12-8	
Dibromochloromethane	<b>0.0011 U</b>	mg/kg	0.0065	0.0011	1	04/04/23 09:23	04/04/23 15:36	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00097 U</b>	mg/kg	0.0065	0.00097	1	04/04/23 09:23	04/04/23 15:36	106-93-4	
Dibromomethane	<b>0.00093 U</b>	mg/kg	0.0065	0.00093	1	04/04/23 09:23	04/04/23 15:36	74-95-3	
1,2-Dichlorobenzene	<b>0.00099 U</b>	mg/kg	0.0065	0.00099	1	04/04/23 09:23	04/04/23 15:36	95-50-1	
1,4-Dichlorobenzene	<b>0.00088 U</b>	mg/kg	0.0065	0.00088	1	04/04/23 09:23	04/04/23 15:36	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	110-57-6	
1,1-Dichloroethane	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	75-34-3	
1,2-Dichloroethane	<b>0.0010 U</b>	mg/kg	0.0065	0.0010	1	04/04/23 09:23	04/04/23 15:36	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0040 U</b>	mg/kg	0.0065	0.0040	1	04/04/23 09:23	04/04/23 15:36	540-59-0	
1,1-Dichloroethene	<b>0.0033 U</b>	mg/kg	0.0065	0.0033	1	04/04/23 09:23	04/04/23 15:36	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.0014 U</b>	mg/kg	0.0065	0.0014	1	04/04/23 09:23	04/04/23 15:36	156-59-2	
trans-1,2-Dichloroethene	<b>0.0017 U</b>	mg/kg	0.0065	0.0017	1	04/04/23 09:23	04/04/23 15:36	156-60-5	
1,2-Dichloropropane	<b>0.0012 U</b>	mg/kg	0.0065	0.0012	1	04/04/23 09:23	04/04/23 15:36	78-87-5	
cis-1,3-Dichloropropene	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	10061-01-5	
trans-1,3-Dichloropropene	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	10061-02-6	
Ethylbenzene	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	100-41-4	
2-Hexanone	<b>0.0065 U</b>	mg/kg	0.033	0.0065	1	04/04/23 09:23	04/04/23 15:36	591-78-6	
Iodomethane	<b>0.0014 U</b>	mg/kg	0.013	0.0014	1	04/04/23 09:23	04/04/23 15:36	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0017 U</b>	mg/kg	0.0065	0.0017	1	04/04/23 09:23	04/04/23 15:36	98-82-8	
Methylene Chloride	<b>0.0057 U</b>	mg/kg	0.0065	0.0057	1	04/04/23 09:23	04/04/23 15:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0065 U</b>	mg/kg	0.033	0.0065	1	04/04/23 09:23	04/04/23 15:36	108-10-1	
Methyl-tert-butyl ether	<b>0.0020 U</b>	mg/kg	0.0065	0.0020	1	04/04/23 09:23	04/04/23 15:36	1634-04-4	
Styrene	<b>0.0033 U</b>	mg/kg	0.0065	0.0033	1	04/04/23 09:23	04/04/23 15:36	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00080 U</b>	mg/kg	0.0065	0.00080	1	04/04/23 09:23	04/04/23 15:36	79-34-5	
Tetrachloroethene	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	127-18-4	
Toluene	<b>0.0011 U</b>	mg/kg	0.0065	0.0011	1	04/04/23 09:23	04/04/23 15:36	108-88-3	
1,1,1-Trichloroethane	<b>0.0017 U</b>	mg/kg	0.0065	0.0017	1	04/04/23 09:23	04/04/23 15:36	71-55-6	
1,1,2-Trichloroethane	<b>0.00077 U</b>	mg/kg	0.0065	0.00077	1	04/04/23 09:23	04/04/23 15:36	79-00-5	

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## ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-1 (1-2)**      **Lab ID: 35789703001**      Collected: 04/03/23 11:15      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.0016 U</b>	mg/kg	0.0065	0.0016	1	04/04/23 09:23	04/04/23 15:36	79-01-6	
Trichlorofluoromethane	<b>0.0033 U</b>	mg/kg	0.0065	0.0033	1	04/04/23 09:23	04/04/23 15:36	75-69-4	
1,2,3-Trichloropropane	<b>0.0020 U</b>	mg/kg	0.0065	0.0020	1	04/04/23 09:23	04/04/23 15:36	96-18-4	
Vinyl acetate	<b>0.0021 U</b>	mg/kg	0.0065	0.0021	1	04/04/23 09:23	04/04/23 15:36	108-05-4	
Vinyl chloride	<b>0.0012 U</b>	mg/kg	0.0065	0.0012	1	04/04/23 09:23	04/04/23 15:36	75-01-4	
Xylene (Total)	<b>0.0067 U</b>	mg/kg	0.020	0.0067	1	04/04/23 09:23	04/04/23 15:36	1330-20-7	
m&p-Xylene	<b>0.0067 U</b>	mg/kg	0.013	0.0067	1	04/04/23 09:23	04/04/23 15:36	179601-23-1	
o-Xylene	<b>0.0013 U</b>	mg/kg	0.0065	0.0013	1	04/04/23 09:23	04/04/23 15:36	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	68-125		1	04/04/23 09:23	04/04/23 15:36	460-00-4	
Toluene-d8 (S)	104	%	70-130		1	04/04/23 09:23	04/04/23 15:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	04/04/23 09:23	04/04/23 15:36	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>20.6</b>	%	0.10	0.10	1		04/04/23 08:19		

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## ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-2 (1-2)**      **Lab ID: 35789703002**      Collected: 04/03/23 12:05      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Antimony	<b>0.45 U</b>	mg/kg	0.90	0.45	1	04/04/23 07:31	04/04/23 21:46	7440-36-0	
Arsenic	<b>0.52 I</b>	mg/kg	0.60	0.30	1	04/04/23 07:31	04/04/23 21:46	7440-38-2	
Beryllium	<b>0.032 I</b>	mg/kg	0.060	0.011	1	04/04/23 07:31	04/04/23 21:46	7440-41-7	
Cadmium	<b>0.49</b>	mg/kg	0.060	0.030	1	04/04/23 07:31	04/04/23 21:46	7440-43-9	
Chromium	<b>4.6</b>	mg/kg	0.30	0.15	1	04/04/23 07:31	04/04/23 21:46	7440-47-3	
Copper	<b>12.0</b>	mg/kg	0.30	0.15	1	04/04/23 07:31	04/04/23 21:46	7440-50-8	
Lead	<b>48.9</b>	mg/kg	0.60	0.30	1	04/04/23 07:31	04/04/23 21:46	7439-92-1	
Nickel	<b>2.4</b>	mg/kg	0.30	0.15	1	04/04/23 07:31	04/04/23 21:46	7440-02-0	
Selenium	<b>0.45 U</b>	mg/kg	0.90	0.45	1	04/04/23 07:31	04/04/23 21:46	7782-49-2	
Silver	<b>0.066 U</b>	mg/kg	0.30	0.066	1	04/04/23 07:31	04/04/23 21:46	7440-22-4	
Thallium	<b>0.40 U</b>	mg/kg	0.90	0.40	1	04/04/23 07:31	04/04/23 21:46	7440-28-0	
Zinc	<b>61.5</b>	mg/kg	6.0	2.2	1	04/04/23 07:31	04/04/23 21:46	7440-66-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	<b>0.056</b>	mg/kg	0.0069	0.0034	1	04/05/23 10:26	04/10/23 12:31	7439-97-6	
<b>8270 Solid PAH</b>									
Analytical Method: EPA 8270    Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	<b>0.016 U</b>	mg/kg	0.036	0.016	1	04/04/23 06:31	04/04/23 19:34	83-32-9	
Acenaphthylene	<b>0.0053 U</b>	mg/kg	0.034	0.0053	1	04/04/23 06:31	04/04/23 19:34	208-96-8	
Anthracene	<b>0.0046 U</b>	mg/kg	0.036	0.0046	1	04/04/23 06:31	04/04/23 19:34	120-12-7	
Benzo(a)anthracene	<b>0.011 I</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:34	56-55-3	
Benzo(a)pyrene	<b>0.014 I</b>	mg/kg	0.034	0.0084	1	04/04/23 06:31	04/04/23 19:34	50-32-8	
Benzo(b)fluoranthene	<b>0.021 I</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/04/23 19:34	205-99-2	
Benzo(g,h,i)perylene	<b>0.0085 U</b>	mg/kg	0.034	0.0085	1	04/04/23 06:31	04/04/23 19:34	191-24-2	
Benzo(k)fluoranthene	<b>0.0090 U</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/04/23 19:34	207-08-9	
Chrysene	<b>0.013 I</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:34	218-01-9	
Dibenz(a,h)anthracene	<b>0.0078 U</b>	mg/kg	0.034	0.0078	1	04/04/23 06:31	04/04/23 19:34	53-70-3	
Fluoranthene	<b>0.022 I</b>	mg/kg	0.034	0.011	1	04/04/23 06:31	04/04/23 19:34	206-44-0	
Fluorene	<b>0.012 U</b>	mg/kg	0.037	0.012	1	04/04/23 06:31	04/04/23 19:34	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0077 U</b>	mg/kg	0.034	0.0077	1	04/04/23 06:31	04/04/23 19:34	193-39-5	
1-Methylnaphthalene	<b>0.0056 U</b>	mg/kg	0.040	0.0056	1	04/04/23 06:31	04/04/23 19:34	90-12-0	
2-Methylnaphthalene	<b>0.0053 U</b>	mg/kg	0.039	0.0053	1	04/04/23 06:31	04/04/23 19:34	91-57-6	
Naphthalene	<b>0.012 U</b>	mg/kg	0.035	0.012	1	04/04/23 06:31	04/04/23 19:34	91-20-3	
Phenanthrene	<b>0.0085 I</b>	mg/kg	0.034	0.0048	1	04/04/23 06:31	04/04/23 19:34	85-01-8	
Pyrene	<b>0.019 I</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:34	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	40	%	24-98		1	04/04/23 06:31	04/04/23 19:34	4165-60-0	
2-Fluorobiphenyl (S)	56	%	29-101		1	04/04/23 06:31	04/04/23 19:34	321-60-8	
p-Terphenyl-d14 (S)	71	%	29-112		1	04/04/23 06:31	04/04/23 19:34	1718-51-0	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA

Pace Project No.: 35789703

**Sample: SB-2 (1-2)**      **Lab ID: 35789703002**      Collected: 04/03/23 12:05      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.025 I</b>	mg/kg	0.054	0.0096	1	04/04/23 09:23	04/04/23 16:22	67-64-1	
Acetonitrile	<b>0.0047 U</b>	mg/kg	0.054	0.0047	1	04/04/23 09:23	04/04/23 16:22	75-05-8	
Benzene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 16:22	71-43-2	
Bromochloromethane	<b>0.00080 U</b>	mg/kg	0.0054	0.00080	1	04/04/23 09:23	04/04/23 16:22	74-97-5	
Bromodichloromethane	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 16:22	75-27-4	
Bromoform	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 16:22	75-25-2	
Bromomethane	<b>0.0019 U</b>	mg/kg	0.0054	0.0019	1	04/04/23 09:23	04/04/23 16:22	74-83-9	
2-Butanone (MEK)	<b>0.0054 U</b>	mg/kg	0.054	0.0054	1	04/04/23 09:23	04/04/23 16:22	78-93-3	
Carbon disulfide	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 16:22	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	56-23-5	
Chlorobenzene	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 16:22	108-90-7	
Chloroethane	<b>0.0023 U</b>	mg/kg	0.0054	0.0023	1	04/04/23 09:23	04/04/23 16:22	75-00-3	
Chloroform	<b>0.00090 U</b>	mg/kg	0.0054	0.00090	1	04/04/23 09:23	04/04/23 16:22	67-66-3	
Chloromethane	<b>0.00096 U</b>	mg/kg	0.0054	0.00096	1	04/04/23 09:23	04/04/23 16:22	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	96-12-8	
Dibromochloromethane	<b>0.00093 U</b>	mg/kg	0.0054	0.00093	1	04/04/23 09:23	04/04/23 16:22	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00080 U</b>	mg/kg	0.0054	0.00080	1	04/04/23 09:23	04/04/23 16:22	106-93-4	
Dibromomethane	<b>0.00076 U</b>	mg/kg	0.0054	0.00076	1	04/04/23 09:23	04/04/23 16:22	74-95-3	
1,2-Dichlorobenzene	<b>0.00082 U</b>	mg/kg	0.0054	0.00082	1	04/04/23 09:23	04/04/23 16:22	95-50-1	
1,4-Dichlorobenzene	<b>0.00072 U</b>	mg/kg	0.0054	0.00072	1	04/04/23 09:23	04/04/23 16:22	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	110-57-6	
1,1-Dichloroethane	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 16:22	75-34-3	
1,2-Dichloroethane	<b>0.00083 U</b>	mg/kg	0.0054	0.00083	1	04/04/23 09:23	04/04/23 16:22	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0033 U</b>	mg/kg	0.0054	0.0033	1	04/04/23 09:23	04/04/23 16:22	540-59-0	
1,1-Dichloroethene	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 16:22	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 16:22	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 16:22	156-60-5	
1,2-Dichloropropane	<b>0.00099 U</b>	mg/kg	0.0054	0.00099	1	04/04/23 09:23	04/04/23 16:22	78-87-5	
cis-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 16:22	10061-01-5	
trans-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 16:22	10061-02-6	
Ethylbenzene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	100-41-4	
2-Hexanone	<b>0.0054 U</b>	mg/kg	0.027	0.0054	1	04/04/23 09:23	04/04/23 16:22	591-78-6	
Iodomethane	<b>0.0012 U</b>	mg/kg	0.011	0.0012	1	04/04/23 09:23	04/04/23 16:22	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 16:22	98-82-8	
Methylene Chloride	<b>0.0047 U</b>	mg/kg	0.0054	0.0047	1	04/04/23 09:23	04/04/23 16:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0054 U</b>	mg/kg	0.027	0.0054	1	04/04/23 09:23	04/04/23 16:22	108-10-1	
Methyl-tert-butyl ether	<b>0.0016 U</b>	mg/kg	0.0054	0.0016	1	04/04/23 09:23	04/04/23 16:22	1634-04-4	
Styrene	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 16:22	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 16:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00066 U</b>	mg/kg	0.0054	0.00066	1	04/04/23 09:23	04/04/23 16:22	79-34-5	
Tetrachloroethene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	127-18-4	
Toluene	<b>0.0021 I</b>	mg/kg	0.0054	0.00087	1	04/04/23 09:23	04/04/23 16:22	108-88-3	
1,1,1-Trichloroethane	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 16:22	71-55-6	
1,1,2-Trichloroethane	<b>0.00063 U</b>	mg/kg	0.0054	0.00063	1	04/04/23 09:23	04/04/23 16:22	79-00-5	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-2 (1-2)**      **Lab ID: 35789703002**      Collected: 04/03/23 12:05      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 16:22	79-01-6	
Trichlorofluoromethane	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 16:22	75-69-4	
1,2,3-Trichloropropane	<b>0.0016 U</b>	mg/kg	0.0054	0.0016	1	04/04/23 09:23	04/04/23 16:22	96-18-4	
Vinyl acetate	<b>0.0017 U</b>	mg/kg	0.0054	0.0017	1	04/04/23 09:23	04/04/23 16:22	108-05-4	J(M1)
Vinyl chloride	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 16:22	75-01-4	
Xylene (Total)	<b>0.0055 U</b>	mg/kg	0.016	0.0055	1	04/04/23 09:23	04/04/23 16:22	1330-20-7	
m&p-Xylene	<b>0.0055 U</b>	mg/kg	0.011	0.0055	1	04/04/23 09:23	04/04/23 16:22	179601-23-1	
o-Xylene	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 16:22	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	68-125		1	04/04/23 09:23	04/04/23 16:22	460-00-4	
Toluene-d8 (S)	104	%	70-130		1	04/04/23 09:23	04/04/23 16:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	04/04/23 09:23	04/04/23 16:22	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>0.57</b>	%	0.10	0.10	1		04/04/23 08:19		

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## ANALYTICAL RESULTS

Project: Lake Worth FLA

Pace Project No.: 35789703

**Sample: SB-3 (1-2)**      **Lab ID: 35789703003**      Collected: 04/03/23 12:30      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.044 I</b>	mg/kg	0.054	0.0097	1	04/04/23 09:23	04/04/23 17:09	67-64-1	
Acetonitrile	<b>0.0048 U</b>	mg/kg	0.054	0.0048	1	04/04/23 09:23	04/04/23 17:09	75-05-8	
Benzene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 17:09	71-43-2	
Bromochloromethane	<b>0.00080 U</b>	mg/kg	0.0054	0.00080	1	04/04/23 09:23	04/04/23 17:09	74-97-5	
Bromodichloromethane	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 17:09	75-27-4	
Bromoform	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 17:09	75-25-2	
Bromomethane	<b>0.0020 U</b>	mg/kg	0.0054	0.0020	1	04/04/23 09:23	04/04/23 17:09	74-83-9	
2-Butanone (MEK)	<b>0.0054 U</b>	mg/kg	0.054	0.0054	1	04/04/23 09:23	04/04/23 17:09	78-93-3	
Carbon disulfide	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 17:09	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	56-23-5	
Chlorobenzene	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 17:09	108-90-7	
Chloroethane	<b>0.0023 U</b>	mg/kg	0.0054	0.0023	1	04/04/23 09:23	04/04/23 17:09	75-00-3	
Chloroform	<b>0.00091 U</b>	mg/kg	0.0054	0.00091	1	04/04/23 09:23	04/04/23 17:09	67-66-3	
Chloromethane	<b>0.00097 U</b>	mg/kg	0.0054	0.00097	1	04/04/23 09:23	04/04/23 17:09	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	96-12-8	
Dibromochloromethane	<b>0.00094 U</b>	mg/kg	0.0054	0.00094	1	04/04/23 09:23	04/04/23 17:09	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00080 U</b>	mg/kg	0.0054	0.00080	1	04/04/23 09:23	04/04/23 17:09	106-93-4	
Dibromomethane	<b>0.00077 U</b>	mg/kg	0.0054	0.00077	1	04/04/23 09:23	04/04/23 17:09	74-95-3	
1,2-Dichlorobenzene	<b>0.00082 U</b>	mg/kg	0.0054	0.00082	1	04/04/23 09:23	04/04/23 17:09	95-50-1	
1,4-Dichlorobenzene	<b>0.00073 U</b>	mg/kg	0.0054	0.00073	1	04/04/23 09:23	04/04/23 17:09	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	110-57-6	
1,1-Dichloroethane	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 17:09	75-34-3	
1,2-Dichloroethane	<b>0.00084 U</b>	mg/kg	0.0054	0.00084	1	04/04/23 09:23	04/04/23 17:09	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0033 U</b>	mg/kg	0.0054	0.0033	1	04/04/23 09:23	04/04/23 17:09	540-59-0	
1,1-Dichloroethene	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 17:09	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.0012 U</b>	mg/kg	0.0054	0.0012	1	04/04/23 09:23	04/04/23 17:09	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 17:09	156-60-5	
1,2-Dichloropropane	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 17:09	78-87-5	
cis-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 17:09	10061-01-5	
trans-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 17:09	10061-02-6	
Ethylbenzene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	100-41-4	
2-Hexanone	<b>0.0054 U</b>	mg/kg	0.027	0.0054	1	04/04/23 09:23	04/04/23 17:09	591-78-6	
Iodomethane	<b>0.0012 U</b>	mg/kg	0.011	0.0012	1	04/04/23 09:23	04/04/23 17:09	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 17:09	98-82-8	
Methylene Chloride	<b>0.0048 U</b>	mg/kg	0.0054	0.0048	1	04/04/23 09:23	04/04/23 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0054 U</b>	mg/kg	0.027	0.0054	1	04/04/23 09:23	04/04/23 17:09	108-10-1	
Methyl-tert-butyl ether	<b>0.0016 U</b>	mg/kg	0.0054	0.0016	1	04/04/23 09:23	04/04/23 17:09	1634-04-4	
Styrene	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.0011 U</b>	mg/kg	0.0054	0.0011	1	04/04/23 09:23	04/04/23 17:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00066 U</b>	mg/kg	0.0054	0.00066	1	04/04/23 09:23	04/04/23 17:09	79-34-5	
Tetrachloroethene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	127-18-4	
Toluene	<b>0.0012 I</b>	mg/kg	0.0054	0.00088	1	04/04/23 09:23	04/04/23 17:09	108-88-3	
1,1,1-Trichloroethane	<b>0.0014 U</b>	mg/kg	0.0054	0.0014	1	04/04/23 09:23	04/04/23 17:09	71-55-6	
1,1,2-Trichloroethane	<b>0.00064 U</b>	mg/kg	0.0054	0.00064	1	04/04/23 09:23	04/04/23 17:09	79-00-5	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-3 (1-2)**      **Lab ID: 35789703003**      Collected: 04/03/23 12:30      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.0013 U</b>	mg/kg	0.0054	0.0013	1	04/04/23 09:23	04/04/23 17:09	79-01-6	
Trichlorofluoromethane	<b>0.0027 U</b>	mg/kg	0.0054	0.0027	1	04/04/23 09:23	04/04/23 17:09	75-69-4	
1,2,3-Trichloropropane	<b>0.0016 U</b>	mg/kg	0.0054	0.0016	1	04/04/23 09:23	04/04/23 17:09	96-18-4	
Vinyl acetate	<b>0.0017 U</b>	mg/kg	0.0054	0.0017	1	04/04/23 09:23	04/04/23 17:09	108-05-4	
Vinyl chloride	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 17:09	75-01-4	
Xylene (Total)	<b>0.0056 U</b>	mg/kg	0.016	0.0056	1	04/04/23 09:23	04/04/23 17:09	1330-20-7	
m&p-Xylene	<b>0.0056 U</b>	mg/kg	0.011	0.0056	1	04/04/23 09:23	04/04/23 17:09	179601-23-1	
o-Xylene	<b>0.0010 U</b>	mg/kg	0.0054	0.0010	1	04/04/23 09:23	04/04/23 17:09	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	68-125		1	04/04/23 09:23	04/04/23 17:09	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	04/04/23 09:23	04/04/23 17:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	04/04/23 09:23	04/04/23 17:09	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>2.1</b>	%	0.10	0.10	1		04/04/23 08:19		

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## ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-4 (1-2)**      **Lab ID: 35789703004**      Collected: 04/03/23 13:00      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Antimony	<b>0.39 U</b>	mg/kg	0.78	0.39	1	04/04/23 07:31	04/04/23 21:56	7440-36-0	
Arsenic	<b>0.26 U</b>	mg/kg	0.52	0.26	1	04/04/23 07:31	04/04/23 21:56	7440-38-2	
Beryllium	<b>0.013 I</b>	mg/kg	0.052	0.0091	1	04/04/23 07:31	04/04/23 21:56	7440-41-7	
Cadmium	<b>0.16</b>	mg/kg	0.052	0.026	1	04/04/23 07:31	04/04/23 21:56	7440-43-9	
Chromium	<b>1.4</b>	mg/kg	0.26	0.13	1	04/04/23 07:31	04/04/23 21:56	7440-47-3	
Copper	<b>4.2</b>	mg/kg	0.26	0.13	1	04/04/23 07:31	04/04/23 21:56	7440-50-8	
Lead	<b>15.1</b>	mg/kg	0.52	0.26	1	04/04/23 07:31	04/04/23 21:56	7439-92-1	
Nickel	<b>0.69</b>	mg/kg	0.26	0.13	1	04/04/23 07:31	04/04/23 21:56	7440-02-0	
Selenium	<b>0.39 U</b>	mg/kg	0.78	0.39	1	04/04/23 07:31	04/04/23 21:56	7782-49-2	
Silver	<b>0.057 U</b>	mg/kg	0.26	0.057	1	04/04/23 07:31	04/04/23 21:56	7440-22-4	
Thallium	<b>0.34 U</b>	mg/kg	0.78	0.34	1	04/04/23 07:31	04/04/23 21:56	7440-28-0	
Zinc	<b>15.0</b>	mg/kg	5.2	1.9	1	04/04/23 07:31	04/04/23 21:56	7440-66-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471    Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	<b>0.034</b>	mg/kg	0.0079	0.0040	1	04/05/23 10:26	04/10/23 12:33	7439-97-6	
<b>8270 Solid PAH</b>									
Analytical Method: EPA 8270    Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	<b>0.016 U</b>	mg/kg	0.036	0.016	1	04/04/23 06:31	04/04/23 19:59	83-32-9	
Acenaphthylene	<b>0.0053 U</b>	mg/kg	0.034	0.0053	1	04/04/23 06:31	04/04/23 19:59	208-96-8	
Anthracene	<b>0.0046 U</b>	mg/kg	0.036	0.0046	1	04/04/23 06:31	04/04/23 19:59	120-12-7	
Benzo(a)anthracene	<b>0.0045 U</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:59	56-55-3	
Benzo(a)pyrene	<b>0.0084 U</b>	mg/kg	0.034	0.0084	1	04/04/23 06:31	04/04/23 19:59	50-32-8	
Benzo(b)fluoranthene	<b>0.0090 U</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/04/23 19:59	205-99-2	
Benzo(g,h,i)perylene	<b>0.0085 U</b>	mg/kg	0.034	0.0085	1	04/04/23 06:31	04/04/23 19:59	191-24-2	
Benzo(k)fluoranthene	<b>0.0090 U</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/04/23 19:59	207-08-9	
Chrysene	<b>0.0045 U</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:59	218-01-9	
Dibenz(a,h)anthracene	<b>0.0078 U</b>	mg/kg	0.034	0.0078	1	04/04/23 06:31	04/04/23 19:59	53-70-3	
Fluoranthene	<b>0.011 U</b>	mg/kg	0.034	0.011	1	04/04/23 06:31	04/04/23 19:59	206-44-0	
Fluorene	<b>0.012 U</b>	mg/kg	0.037	0.012	1	04/04/23 06:31	04/04/23 19:59	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0077 U</b>	mg/kg	0.034	0.0077	1	04/04/23 06:31	04/04/23 19:59	193-39-5	
1-Methylnaphthalene	<b>0.0056 U</b>	mg/kg	0.040	0.0056	1	04/04/23 06:31	04/04/23 19:59	90-12-0	
2-Methylnaphthalene	<b>0.0053 U</b>	mg/kg	0.039	0.0053	1	04/04/23 06:31	04/04/23 19:59	91-57-6	
Naphthalene	<b>0.012 U</b>	mg/kg	0.035	0.012	1	04/04/23 06:31	04/04/23 19:59	91-20-3	
Phenanthrene	<b>0.0048 U</b>	mg/kg	0.034	0.0048	1	04/04/23 06:31	04/04/23 19:59	85-01-8	
Pyrene	<b>0.0045 U</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/04/23 19:59	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	40	%	24-98		1	04/04/23 06:31	04/04/23 19:59	4165-60-0	
2-Fluorobiphenyl (S)	57	%	29-101		1	04/04/23 06:31	04/04/23 19:59	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	04/04/23 06:31	04/04/23 19:59	1718-51-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-4 (1-2)**      **Lab ID: 35789703004**      Collected: 04/03/23 13:00      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.0088 U</b>	mg/kg	0.050	0.0088	1	04/04/23 09:23	04/04/23 17:33	67-64-1	
Acetonitrile	<b>0.0044 U</b>	mg/kg	0.050	0.0044	1	04/04/23 09:23	04/04/23 17:33	75-05-8	
Benzene	<b>0.00099 U</b>	mg/kg	0.0050	0.00099	1	04/04/23 09:23	04/04/23 17:33	71-43-2	
Bromochloromethane	<b>0.00073 U</b>	mg/kg	0.0050	0.00073	1	04/04/23 09:23	04/04/23 17:33	74-97-5	
Bromodichloromethane	<b>0.0011 U</b>	mg/kg	0.0050	0.0011	1	04/04/23 09:23	04/04/23 17:33	75-27-4	
Bromoform	<b>0.0011 U</b>	mg/kg	0.0050	0.0011	1	04/04/23 09:23	04/04/23 17:33	75-25-2	
Bromomethane	<b>0.0018 U</b>	mg/kg	0.0050	0.0018	1	04/04/23 09:23	04/04/23 17:33	74-83-9	
2-Butanone (MEK)	<b>0.0050 U</b>	mg/kg	0.050	0.0050	1	04/04/23 09:23	04/04/23 17:33	78-93-3	
Carbon disulfide	<b>0.0025 U</b>	mg/kg	0.0050	0.0025	1	04/04/23 09:23	04/04/23 17:33	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	56-23-5	
Chlorobenzene	<b>0.00092 U</b>	mg/kg	0.0050	0.00092	1	04/04/23 09:23	04/04/23 17:33	108-90-7	
Chloroethane	<b>0.0021 U</b>	mg/kg	0.0050	0.0021	1	04/04/23 09:23	04/04/23 17:33	75-00-3	
Chloroform	<b>0.00083 U</b>	mg/kg	0.0050	0.00083	1	04/04/23 09:23	04/04/23 17:33	67-66-3	
Chloromethane	<b>0.00088 U</b>	mg/kg	0.0050	0.00088	1	04/04/23 09:23	04/04/23 17:33	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	96-12-8	
Dibromochloromethane	<b>0.00086 U</b>	mg/kg	0.0050	0.00086	1	04/04/23 09:23	04/04/23 17:33	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00073 U</b>	mg/kg	0.0050	0.00073	1	04/04/23 09:23	04/04/23 17:33	106-93-4	
Dibromomethane	<b>0.00070 U</b>	mg/kg	0.0050	0.00070	1	04/04/23 09:23	04/04/23 17:33	74-95-3	
1,2-Dichlorobenzene	<b>0.00075 U</b>	mg/kg	0.0050	0.00075	1	04/04/23 09:23	04/04/23 17:33	95-50-1	
1,4-Dichlorobenzene	<b>0.00067 U</b>	mg/kg	0.0050	0.00067	1	04/04/23 09:23	04/04/23 17:33	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	110-57-6	
1,1-Dichloroethane	<b>0.00097 U</b>	mg/kg	0.0050	0.00097	1	04/04/23 09:23	04/04/23 17:33	75-34-3	
1,2-Dichloroethane	<b>0.00076 U</b>	mg/kg	0.0050	0.00076	1	04/04/23 09:23	04/04/23 17:33	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0030 U</b>	mg/kg	0.0050	0.0030	1	04/04/23 09:23	04/04/23 17:33	540-59-0	
1,1-Dichloroethene	<b>0.0025 U</b>	mg/kg	0.0050	0.0025	1	04/04/23 09:23	04/04/23 17:33	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.0011 U</b>	mg/kg	0.0050	0.0011	1	04/04/23 09:23	04/04/23 17:33	156-59-2	
trans-1,2-Dichloroethene	<b>0.0013 U</b>	mg/kg	0.0050	0.0013	1	04/04/23 09:23	04/04/23 17:33	156-60-5	
1,2-Dichloropropane	<b>0.00091 U</b>	mg/kg	0.0050	0.00091	1	04/04/23 09:23	04/04/23 17:33	78-87-5	
cis-1,3-Dichloropropene	<b>0.00099 U</b>	mg/kg	0.0050	0.00099	1	04/04/23 09:23	04/04/23 17:33	10061-01-5	
trans-1,3-Dichloropropene	<b>0.00098 U</b>	mg/kg	0.0050	0.00098	1	04/04/23 09:23	04/04/23 17:33	10061-02-6	
Ethylbenzene	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	100-41-4	
2-Hexanone	<b>0.0050 U</b>	mg/kg	0.025	0.0050	1	04/04/23 09:23	04/04/23 17:33	591-78-6	
Iodomethane	<b>0.0011 U</b>	mg/kg	0.0099	0.0011	1	04/04/23 09:23	04/04/23 17:33	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0013 U</b>	mg/kg	0.0050	0.0013	1	04/04/23 09:23	04/04/23 17:33	98-82-8	
Methylene Chloride	<b>0.0044 U</b>	mg/kg	0.0050	0.0044	1	04/04/23 09:23	04/04/23 17:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0050 U</b>	mg/kg	0.025	0.0050	1	04/04/23 09:23	04/04/23 17:33	108-10-1	
Methyl-tert-butyl ether	<b>0.0015 U</b>	mg/kg	0.0050	0.0015	1	04/04/23 09:23	04/04/23 17:33	1634-04-4	
Styrene	<b>0.0025 U</b>	mg/kg	0.0050	0.0025	1	04/04/23 09:23	04/04/23 17:33	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.00099 U</b>	mg/kg	0.0050	0.00099	1	04/04/23 09:23	04/04/23 17:33	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00061 U</b>	mg/kg	0.0050	0.00061	1	04/04/23 09:23	04/04/23 17:33	79-34-5	
Tetrachloroethene	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	127-18-4	
Toluene	<b>0.0014 I</b>	mg/kg	0.0050	0.00080	1	04/04/23 09:23	04/04/23 17:33	108-88-3	
1,1,1-Trichloroethane	<b>0.0013 U</b>	mg/kg	0.0050	0.0013	1	04/04/23 09:23	04/04/23 17:33	71-55-6	
1,1,2-Trichloroethane	<b>0.00059 U</b>	mg/kg	0.0050	0.00059	1	04/04/23 09:23	04/04/23 17:33	79-00-5	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-4 (1-2)**      **Lab ID: 35789703004**      Collected: 04/03/23 13:00      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.0012 U</b>	mg/kg	0.0050	0.0012	1	04/04/23 09:23	04/04/23 17:33	79-01-6	
Trichlorofluoromethane	<b>0.0025 U</b>	mg/kg	0.0050	0.0025	1	04/04/23 09:23	04/04/23 17:33	75-69-4	
1,2,3-Trichloropropane	<b>0.0015 U</b>	mg/kg	0.0050	0.0015	1	04/04/23 09:23	04/04/23 17:33	96-18-4	
Vinyl acetate	<b>0.0016 U</b>	mg/kg	0.0050	0.0016	1	04/04/23 09:23	04/04/23 17:33	108-05-4	
Vinyl chloride	<b>0.00092 U</b>	mg/kg	0.0050	0.00092	1	04/04/23 09:23	04/04/23 17:33	75-01-4	
Xylene (Total)	<b>0.0051 U</b>	mg/kg	0.015	0.0051	1	04/04/23 09:23	04/04/23 17:33	1330-20-7	
m&p-Xylene	<b>0.0051 U</b>	mg/kg	0.0099	0.0051	1	04/04/23 09:23	04/04/23 17:33	179601-23-1	
o-Xylene	<b>0.00095 U</b>	mg/kg	0.0050	0.00095	1	04/04/23 09:23	04/04/23 17:33	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	68-125		1	04/04/23 09:23	04/04/23 17:33	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	04/04/23 09:23	04/04/23 17:33	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	04/04/23 09:23	04/04/23 17:33	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>0.10 U</b>	%	0.10	0.10	1		04/04/23 08:19		

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## ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-5 (0.5-1') Lab ID: 35789703005** Collected: 04/03/23 13:20 Received: 04/03/23 16:50 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Antimony	<b>0.43 U</b>	mg/kg	0.87	0.43	1	04/04/23 07:31	04/04/23 22:00	7440-36-0	
Arsenic	<b>0.29 U</b>	mg/kg	0.58	0.29	1	04/04/23 07:31	04/04/23 22:00	7440-38-2	
Beryllium	<b>0.010 U</b>	mg/kg	0.058	0.010	1	04/04/23 07:31	04/04/23 22:00	7440-41-7	
Cadmium	<b>0.25</b>	mg/kg	0.058	0.029	1	04/04/23 07:31	04/04/23 22:00	7440-43-9	
Chromium	<b>0.96</b>	mg/kg	0.29	0.14	1	04/04/23 07:31	04/04/23 22:00	7440-47-3	
Copper	<b>4.7</b>	mg/kg	0.29	0.14	1	04/04/23 07:31	04/04/23 22:00	7440-50-8	
Lead	<b>19.6</b>	mg/kg	0.58	0.29	1	04/04/23 07:31	04/04/23 22:00	7439-92-1	
Nickel	<b>0.25 I</b>	mg/kg	0.29	0.14	1	04/04/23 07:31	04/04/23 22:00	7440-02-0	
Selenium	<b>0.43 U</b>	mg/kg	0.87	0.43	1	04/04/23 07:31	04/04/23 22:00	7782-49-2	
Silver	<b>0.064 U</b>	mg/kg	0.29	0.064	1	04/04/23 07:31	04/04/23 22:00	7440-22-4	
Thallium	<b>0.38 U</b>	mg/kg	0.87	0.38	1	04/04/23 07:31	04/04/23 22:00	7440-28-0	
Zinc	<b>17.8</b>	mg/kg	5.8	2.1	1	04/04/23 07:31	04/04/23 22:00	7440-66-6	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	<b>0.055</b>	mg/kg	0.0076	0.0038	1	04/05/23 10:26	04/10/23 12:40	7439-97-6	
<b>8270 Solid PAH</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	<b>0.016 U</b>	mg/kg	0.036	0.016	1	04/04/23 06:31	04/05/23 10:13	83-32-9	
Acenaphthylene	<b>0.0053 U</b>	mg/kg	0.034	0.0053	1	04/04/23 06:31	04/05/23 10:13	208-96-8	
Anthracene	<b>0.0046 U</b>	mg/kg	0.036	0.0046	1	04/04/23 06:31	04/05/23 10:13	120-12-7	
Benzo(a)anthracene	<b>0.0045 U</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/05/23 10:13	56-55-3	
Benzo(a)pyrene	<b>0.0084 U</b>	mg/kg	0.034	0.0084	1	04/04/23 06:31	04/05/23 10:13	50-32-8	
Benzo(b)fluoranthene	<b>0.012 I</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/05/23 10:13	205-99-2	
Benzo(g,h,i)perylene	<b>0.0087 I</b>	mg/kg	0.034	0.0085	1	04/04/23 06:31	04/05/23 10:13	191-24-2	
Benzo(k)fluoranthene	<b>0.0090 U</b>	mg/kg	0.034	0.0090	1	04/04/23 06:31	04/05/23 10:13	207-08-9	
Chrysene	<b>0.0045 U</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/05/23 10:13	218-01-9	
Dibenz(a,h)anthracene	<b>0.0078 U</b>	mg/kg	0.034	0.0078	1	04/04/23 06:31	04/05/23 10:13	53-70-3	
Fluoranthene	<b>0.013 I</b>	mg/kg	0.034	0.011	1	04/04/23 06:31	04/05/23 10:13	206-44-0	
Fluorene	<b>0.012 U</b>	mg/kg	0.037	0.012	1	04/04/23 06:31	04/05/23 10:13	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0077 U</b>	mg/kg	0.034	0.0077	1	04/04/23 06:31	04/05/23 10:13	193-39-5	
1-Methylnaphthalene	<b>0.0056 U</b>	mg/kg	0.040	0.0056	1	04/04/23 06:31	04/05/23 10:13	90-12-0	
2-Methylnaphthalene	<b>0.0053 U</b>	mg/kg	0.039	0.0053	1	04/04/23 06:31	04/05/23 10:13	91-57-6	
Naphthalene	<b>0.012 U</b>	mg/kg	0.035	0.012	1	04/04/23 06:31	04/05/23 10:13	91-20-3	
Phenanthrene	<b>0.0048 U</b>	mg/kg	0.034	0.0048	1	04/04/23 06:31	04/05/23 10:13	85-01-8	
Pyrene	<b>0.012 I</b>	mg/kg	0.034	0.0045	1	04/04/23 06:31	04/05/23 10:13	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	38	%	24-98		1	04/04/23 06:31	04/05/23 10:13	4165-60-0	
2-Fluorobiphenyl (S)	51	%	29-101		1	04/04/23 06:31	04/05/23 10:13	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	04/04/23 06:31	04/05/23 10:13	1718-51-0	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-5 (0.5-1)**      **Lab ID: 35789703005**      Collected: 04/03/23 13:20      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.015 I</b>	mg/kg	0.041	0.0072	1	04/04/23 09:23	04/04/23 17:56	67-64-1	
Acetonitrile	<b>0.0036 U</b>	mg/kg	0.041	0.0036	1	04/04/23 09:23	04/04/23 17:56	75-05-8	
Benzene	<b>0.00081 U</b>	mg/kg	0.0041	0.00081	1	04/04/23 09:23	04/04/23 17:56	71-43-2	
Bromochloromethane	<b>0.00060 U</b>	mg/kg	0.0041	0.00060	1	04/04/23 09:23	04/04/23 17:56	74-97-5	
Bromodichloromethane	<b>0.00089 U</b>	mg/kg	0.0041	0.00089	1	04/04/23 09:23	04/04/23 17:56	75-27-4	
Bromoform	<b>0.00089 U</b>	mg/kg	0.0041	0.00089	1	04/04/23 09:23	04/04/23 17:56	75-25-2	
Bromomethane	<b>0.0015 U</b>	mg/kg	0.0041	0.0015	1	04/04/23 09:23	04/04/23 17:56	74-83-9	
2-Butanone (MEK)	<b>0.0041 U</b>	mg/kg	0.041	0.0041	1	04/04/23 09:23	04/04/23 17:56	78-93-3	
Carbon disulfide	<b>0.0020 U</b>	mg/kg	0.0041	0.0020	1	04/04/23 09:23	04/04/23 17:56	75-15-0	J(v1)
Carbon tetrachloride	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	56-23-5	
Chlorobenzene	<b>0.00075 U</b>	mg/kg	0.0041	0.00075	1	04/04/23 09:23	04/04/23 17:56	108-90-7	
Chloroethane	<b>0.0017 U</b>	mg/kg	0.0041	0.0017	1	04/04/23 09:23	04/04/23 17:56	75-00-3	
Chloroform	<b>0.00068 U</b>	mg/kg	0.0041	0.00068	1	04/04/23 09:23	04/04/23 17:56	67-66-3	
Chloromethane	<b>0.00072 U</b>	mg/kg	0.0041	0.00072	1	04/04/23 09:23	04/04/23 17:56	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	96-12-8	
Dibromochloromethane	<b>0.00071 U</b>	mg/kg	0.0041	0.00071	1	04/04/23 09:23	04/04/23 17:56	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00060 U</b>	mg/kg	0.0041	0.00060	1	04/04/23 09:23	04/04/23 17:56	106-93-4	
Dibromomethane	<b>0.00058 U</b>	mg/kg	0.0041	0.00058	1	04/04/23 09:23	04/04/23 17:56	74-95-3	
1,2-Dichlorobenzene	<b>0.00062 U</b>	mg/kg	0.0041	0.00062	1	04/04/23 09:23	04/04/23 17:56	95-50-1	
1,4-Dichlorobenzene	<b>0.00054 U</b>	mg/kg	0.0041	0.00054	1	04/04/23 09:23	04/04/23 17:56	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	110-57-6	
1,1-Dichloroethane	<b>0.00079 U</b>	mg/kg	0.0041	0.00079	1	04/04/23 09:23	04/04/23 17:56	75-34-3	
1,2-Dichloroethane	<b>0.00062 U</b>	mg/kg	0.0041	0.00062	1	04/04/23 09:23	04/04/23 17:56	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0025 U</b>	mg/kg	0.0041	0.0025	1	04/04/23 09:23	04/04/23 17:56	540-59-0	
1,1-Dichloroethene	<b>0.0020 U</b>	mg/kg	0.0041	0.0020	1	04/04/23 09:23	04/04/23 17:56	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.00089 U</b>	mg/kg	0.0041	0.00089	1	04/04/23 09:23	04/04/23 17:56	156-59-2	
trans-1,2-Dichloroethene	<b>0.0011 U</b>	mg/kg	0.0041	0.0011	1	04/04/23 09:23	04/04/23 17:56	156-60-5	
1,2-Dichloropropane	<b>0.00075 U</b>	mg/kg	0.0041	0.00075	1	04/04/23 09:23	04/04/23 17:56	78-87-5	
cis-1,3-Dichloropropene	<b>0.00081 U</b>	mg/kg	0.0041	0.00081	1	04/04/23 09:23	04/04/23 17:56	10061-01-5	
trans-1,3-Dichloropropene	<b>0.00080 U</b>	mg/kg	0.0041	0.00080	1	04/04/23 09:23	04/04/23 17:56	10061-02-6	
Ethylbenzene	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	100-41-4	
2-Hexanone	<b>0.0041 U</b>	mg/kg	0.020	0.0041	1	04/04/23 09:23	04/04/23 17:56	591-78-6	
Iodomethane	<b>0.00089 U</b>	mg/kg	0.0081	0.00089	1	04/04/23 09:23	04/04/23 17:56	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0011 U</b>	mg/kg	0.0041	0.0011	1	04/04/23 09:23	04/04/23 17:56	98-82-8	
Methylene Chloride	<b>0.0036 U</b>	mg/kg	0.0041	0.0036	1	04/04/23 09:23	04/04/23 17:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0041 U</b>	mg/kg	0.020	0.0041	1	04/04/23 09:23	04/04/23 17:56	108-10-1	
Methyl-tert-butyl ether	<b>0.0012 U</b>	mg/kg	0.0041	0.0012	1	04/04/23 09:23	04/04/23 17:56	1634-04-4	
Styrene	<b>0.0020 U</b>	mg/kg	0.0041	0.0020	1	04/04/23 09:23	04/04/23 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.00081 U</b>	mg/kg	0.0041	0.00081	1	04/04/23 09:23	04/04/23 17:56	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00049 U</b>	mg/kg	0.0041	0.00049	1	04/04/23 09:23	04/04/23 17:56	79-34-5	
Tetrachloroethene	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	127-18-4	
Toluene	<b>0.00066 U</b>	mg/kg	0.0041	0.00066	1	04/04/23 09:23	04/04/23 17:56	108-88-3	
1,1,1-Trichloroethane	<b>0.0011 U</b>	mg/kg	0.0041	0.0011	1	04/04/23 09:23	04/04/23 17:56	71-55-6	
1,1,2-Trichloroethane	<b>0.00048 U</b>	mg/kg	0.0041	0.00048	1	04/04/23 09:23	04/04/23 17:56	79-00-5	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-5 (0.5-1')**      **Lab ID: 35789703005**      Collected: 04/03/23 13:20      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.00097 U</b>	mg/kg	0.0041	0.00097	1	04/04/23 09:23	04/04/23 17:56	79-01-6	
Trichlorofluoromethane	<b>0.0020 U</b>	mg/kg	0.0041	0.0020	1	04/04/23 09:23	04/04/23 17:56	75-69-4	
1,2,3-Trichloropropane	<b>0.0012 U</b>	mg/kg	0.0041	0.0012	1	04/04/23 09:23	04/04/23 17:56	96-18-4	
Vinyl acetate	<b>0.0013 U</b>	mg/kg	0.0041	0.0013	1	04/04/23 09:23	04/04/23 17:56	108-05-4	
Vinyl chloride	<b>0.00075 U</b>	mg/kg	0.0041	0.00075	1	04/04/23 09:23	04/04/23 17:56	75-01-4	
Xylene (Total)	<b>0.0042 U</b>	mg/kg	0.012	0.0042	1	04/04/23 09:23	04/04/23 17:56	1330-20-7	
m&p-Xylene	<b>0.0042 U</b>	mg/kg	0.0081	0.0042	1	04/04/23 09:23	04/04/23 17:56	179601-23-1	
o-Xylene	<b>0.0023 I</b>	mg/kg	0.0041	0.00078	1	04/04/23 09:23	04/04/23 17:56	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	68-125		1	04/04/23 09:23	04/04/23 17:56	460-00-4	
Toluene-d8 (S)	105	%	70-130		1	04/04/23 09:23	04/04/23 17:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	04/04/23 09:23	04/04/23 17:56	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>0.16</b>	%	0.10	0.10	1		04/04/23 08:19		

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### ANALYTICAL RESULTS

Project: Lake Worth FLA  
Pace Project No.: 35789703

**Sample: SB-6 (13-15)**      **Lab ID: 35789703006**      Collected: 04/03/23 15:30      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.024 I</b>	mg/kg	0.055	0.0097	1	04/04/23 09:23	04/04/23 18:20	67-64-1	
Acetonitrile	<b>0.0048 U</b>	mg/kg	0.055	0.0048	1	04/04/23 09:23	04/04/23 18:20	75-05-8	
Benzene	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	04/04/23 09:23	04/04/23 18:20	71-43-2	
Bromochloromethane	<b>0.00081 U</b>	mg/kg	0.0055	0.00081	1	04/04/23 09:23	04/04/23 18:20	74-97-5	
Bromodichloromethane	<b>0.0012 U</b>	mg/kg	0.0055	0.0012	1	04/04/23 09:23	04/04/23 18:20	75-27-4	
Bromoform	<b>0.0012 U</b>	mg/kg	0.0055	0.0012	1	04/04/23 09:23	04/04/23 18:20	75-25-2	
Bromomethane	<b>0.0020 U</b>	mg/kg	0.0055	0.0020	1	04/04/23 09:23	04/04/23 18:20	74-83-9	
2-Butanone (MEK)	<b>0.0055 U</b>	mg/kg	0.055	0.0055	1	04/04/23 09:23	04/04/23 18:20	78-93-3	
Carbon disulfide	<b>0.0027 U</b>	mg/kg	0.0055	0.0027	1	04/04/23 09:23	04/04/23 18:20	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	56-23-5	
Chlorobenzene	<b>0.0010 U</b>	mg/kg	0.0055	0.0010	1	04/04/23 09:23	04/04/23 18:20	108-90-7	
Chloroethane	<b>0.0023 U</b>	mg/kg	0.0055	0.0023	1	04/04/23 09:23	04/04/23 18:20	75-00-3	
Chloroform	<b>0.00092 U</b>	mg/kg	0.0055	0.00092	1	04/04/23 09:23	04/04/23 18:20	67-66-3	
Chloromethane	<b>0.00097 U</b>	mg/kg	0.0055	0.00097	1	04/04/23 09:23	04/04/23 18:20	74-87-3	
1,2-Dibromo-3-chloropropane	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	96-12-8	
Dibromochloromethane	<b>0.00095 U</b>	mg/kg	0.0055	0.00095	1	04/04/23 09:23	04/04/23 18:20	124-48-1	
1,2-Dibromoethane (EDB)	<b>0.00081 U</b>	mg/kg	0.0055	0.00081	1	04/04/23 09:23	04/04/23 18:20	106-93-4	
Dibromomethane	<b>0.00078 U</b>	mg/kg	0.0055	0.00078	1	04/04/23 09:23	04/04/23 18:20	74-95-3	
1,2-Dichlorobenzene	<b>0.00083 U</b>	mg/kg	0.0055	0.00083	1	04/04/23 09:23	04/04/23 18:20	95-50-1	
1,4-Dichlorobenzene	<b>0.00073 U</b>	mg/kg	0.0055	0.00073	1	04/04/23 09:23	04/04/23 18:20	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	110-57-6	
1,1-Dichloroethane	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	04/04/23 09:23	04/04/23 18:20	75-34-3	
1,2-Dichloroethane	<b>0.00084 U</b>	mg/kg	0.0055	0.00084	1	04/04/23 09:23	04/04/23 18:20	107-06-2	
1,2-Dichloroethene (Total)	<b>0.0033 U</b>	mg/kg	0.0055	0.0033	1	04/04/23 09:23	04/04/23 18:20	540-59-0	
1,1-Dichloroethene	<b>0.0027 U</b>	mg/kg	0.0055	0.0027	1	04/04/23 09:23	04/04/23 18:20	75-35-4	J(v1)
cis-1,2-Dichloroethene	<b>0.0012 U</b>	mg/kg	0.0055	0.0012	1	04/04/23 09:23	04/04/23 18:20	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014 U</b>	mg/kg	0.0055	0.0014	1	04/04/23 09:23	04/04/23 18:20	156-60-5	
1,2-Dichloropropane	<b>0.0010 U</b>	mg/kg	0.0055	0.0010	1	04/04/23 09:23	04/04/23 18:20	78-87-5	
cis-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	04/04/23 09:23	04/04/23 18:20	10061-01-5	
trans-1,3-Dichloropropene	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	04/04/23 09:23	04/04/23 18:20	10061-02-6	
Ethylbenzene	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	100-41-4	
2-Hexanone	<b>0.0055 U</b>	mg/kg	0.027	0.0055	1	04/04/23 09:23	04/04/23 18:20	591-78-6	
Iodomethane	<b>0.0012 U</b>	mg/kg	0.011	0.0012	1	04/04/23 09:23	04/04/23 18:20	74-88-4	J(v1)
Isopropylbenzene (Cumene)	<b>0.0014 U</b>	mg/kg	0.0055	0.0014	1	04/04/23 09:23	04/04/23 18:20	98-82-8	
Methylene Chloride	<b>0.0048 U</b>	mg/kg	0.0055	0.0048	1	04/04/23 09:23	04/04/23 18:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0055 U</b>	mg/kg	0.027	0.0055	1	04/04/23 09:23	04/04/23 18:20	108-10-1	
Methyl-tert-butyl ether	<b>0.0016 U</b>	mg/kg	0.0055	0.0016	1	04/04/23 09:23	04/04/23 18:20	1634-04-4	
Styrene	<b>0.0027 U</b>	mg/kg	0.0055	0.0027	1	04/04/23 09:23	04/04/23 18:20	100-42-5	
1,1,1,2-Tetrachloroethane	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	04/04/23 09:23	04/04/23 18:20	630-20-6	
1,1,1,2,2-Tetrachloroethane	<b>0.00067 U</b>	mg/kg	0.0055	0.00067	1	04/04/23 09:23	04/04/23 18:20	79-34-5	
Tetrachloroethene	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	127-18-4	
Toluene	<b>0.0020 I</b>	mg/kg	0.0055	0.00088	1	04/04/23 09:23	04/04/23 18:20	108-88-3	
1,1,1-Trichloroethane	<b>0.0014 U</b>	mg/kg	0.0055	0.0014	1	04/04/23 09:23	04/04/23 18:20	71-55-6	
1,1,2-Trichloroethane	<b>0.00064 U</b>	mg/kg	0.0055	0.00064	1	04/04/23 09:23	04/04/23 18:20	79-00-5	

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### ANALYTICAL RESULTS

Project: Lake Worth FLA

Pace Project No.: 35789703

**Sample: SB-6 (13-15)**      **Lab ID: 35789703006**      Collected: 04/03/23 15:30      Received: 04/03/23 16:50      Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV 5035</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	04/04/23 09:23	04/04/23 18:20	79-01-6	
Trichlorofluoromethane	<b>0.0027 U</b>	mg/kg	0.0055	0.0027	1	04/04/23 09:23	04/04/23 18:20	75-69-4	
1,2,3-Trichloropropane	<b>0.0016 U</b>	mg/kg	0.0055	0.0016	1	04/04/23 09:23	04/04/23 18:20	96-18-4	
Vinyl acetate	<b>0.0017 U</b>	mg/kg	0.0055	0.0017	1	04/04/23 09:23	04/04/23 18:20	108-05-4	
Vinyl chloride	<b>0.0010 U</b>	mg/kg	0.0055	0.0010	1	04/04/23 09:23	04/04/23 18:20	75-01-4	
Xylene (Total)	<b>0.0056 U</b>	mg/kg	0.016	0.0056	1	04/04/23 09:23	04/04/23 18:20	1330-20-7	
m&p-Xylene	<b>0.0056 U</b>	mg/kg	0.011	0.0056	1	04/04/23 09:23	04/04/23 18:20	179601-23-1	
o-Xylene	<b>0.0010 U</b>	mg/kg	0.0055	0.0010	1	04/04/23 09:23	04/04/23 18:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	68-125		1	04/04/23 09:23	04/04/23 18:20	460-00-4	
Toluene-d8 (S)	105	%	70-130		1	04/04/23 09:23	04/04/23 18:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	04/04/23 09:23	04/04/23 18:20	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	<b>2.1</b>	%	0.10	0.10	1		04/04/23 08:19		

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### QUALITY CONTROL DATA

Project: Lake Worth FLA

Pace Project No.: 35789703

QC Batch:	906690	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35789703002, 35789703004, 35789703005

METHOD BLANK: 4983032 Matrix: Solid

Associated Lab Samples: 35789703002, 35789703004, 35789703005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0049 U	0.0098	0.0049	04/10/23 11:45	

LABORATORY CONTROL SAMPLE: 4983033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.093	0.11	118	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4983034 4983035

Parameter	Units	35789202001		4983035		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Mercury	mg/kg	0.090	0.13	0.11	0.23	0.20	110	97	80-120	13	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.

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

QC Batch: 906416 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET Solid  
Laboratory: Pace Analytical Services - Ormond Beach  
Associated Lab Samples: 35789703002, 35789703004, 35789703005

METHOD BLANK: 4981312 Matrix: Solid  
Associated Lab Samples: 35789703002, 35789703004, 35789703005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/kg	0.46 U	0.91	0.46	04/04/23 13:03	
Arsenic	mg/kg	0.30 U	0.61	0.30	04/04/23 13:03	
Beryllium	mg/kg	0.011 U	0.061	0.011	04/04/23 13:03	
Cadmium	mg/kg	0.030 U	0.061	0.030	04/04/23 13:03	
Chromium	mg/kg	0.15 U	0.30	0.15	04/04/23 13:03	
Copper	mg/kg	0.15 U	0.30	0.15	04/04/23 13:03	
Lead	mg/kg	0.30 U	0.61	0.30	04/04/23 13:03	
Nickel	mg/kg	0.15 U	0.30	0.15	04/04/23 13:03	
Selenium	mg/kg	0.46 U	0.91	0.46	04/04/23 13:03	
Silver	mg/kg	0.067 U	0.30	0.067	04/04/23 13:03	
Thallium	mg/kg	0.40 U	0.91	0.40	04/04/23 13:03	
Zinc	mg/kg	2.2 U	6.1	2.2	04/04/23 13:03	

LABORATORY CONTROL SAMPLE: 4981313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	13	11.7	90	80-120	
Arsenic	mg/kg	13	11.2	86	80-120	
Beryllium	mg/kg	1.3	1.2	92	80-120	
Cadmium	mg/kg	1.3	1.2	94	80-120	
Chromium	mg/kg	13	12.6	97	80-120	
Copper	mg/kg	13	12.8	99	80-120	
Lead	mg/kg	13	12.9	99	80-120	
Nickel	mg/kg	13	12.9	99	80-120	
Selenium	mg/kg	13	11.0	84	80-120	
Silver	mg/kg	1.3	1.2	94	80-120	
Thallium	mg/kg	13	11.9	91	80-120	
Zinc	mg/kg	65	60.8	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4981314 4981315

Parameter	Units	35789255002		4981314		4981315		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result						
Antimony	mg/kg	0.63 I	20.4	22.3	16.8	18.7	80	81	75-125	11	20		
Arsenic	mg/kg	1.8	20.4	22.3	19.9	22.5	89	93	75-125	12	20		
Beryllium	mg/kg	0.18	2.1	2.2	2.2	2.4	99	98	75-125	7	20		
Cadmium	mg/kg	0.14	2.1	2.2	1.9	2.1	89	90	75-125	9	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

		4981314			4981315							
Parameter	Units	35789255002	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD		
Chromium	mg/kg	11.6	20.4	22.3	28.8	32.6	84	94	75-125	13	20	
Copper	mg/kg	49.1	20.4	22.3	34.8	44.0	-70	-23	75-125	23	20	J(M1), J(R1)
Lead	mg/kg	6.7	20.4	22.3	32.6	29.1	127	101	75-125	11	20	J(M1)
Nickel	mg/kg	5.8	20.4	22.3	23.6	25.6	87	89	75-125	8	20	
Selenium	mg/kg	0.53 U	20.4	22.3	18.0	19.8	88	88	75-125	9	20	
Silver	mg/kg	0.14 I	2.1	2.2	2.0	2.3	93	96	75-125	11	20	
Thallium	mg/kg	0.46 U	20.4	22.3	17.6	19.4	86	87	75-125	10	20	
Zinc	mg/kg	159	102	112	171	212	11	47	75-125	22	20	J(M1), J(R1)

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

QC Batch: 906444      Analysis Method: EPA 8260  
QC Batch Method: EPA 5035      Analysis Description: 8260 MSV 5035  
Laboratory: Pace Analytical Services - Ormond Beach  
Associated Lab Samples: 35789703001, 35789703002, 35789703003, 35789703004, 35789703005, 35789703006

METHOD BLANK: 4981373      Matrix: Solid  
Associated Lab Samples: 35789703001, 35789703002, 35789703003, 35789703004, 35789703005, 35789703006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00094 U	0.0047	0.00094	04/04/23 12:16	
1,1,1-Trichloroethane	mg/kg	0.0012 U	0.0047	0.0012	04/04/23 12:16	
1,1,2,2-Tetrachloroethane	mg/kg	0.00058 U	0.0047	0.00058	04/04/23 12:16	
1,1,2-Trichloroethane	mg/kg	0.00056 U	0.0047	0.00056	04/04/23 12:16	
1,1-Dichloroethane	mg/kg	0.00092 U	0.0047	0.00092	04/04/23 12:16	
1,1-Dichloroethene	mg/kg	0.0024 U	0.0047	0.0024	04/04/23 12:16	J(v1)
1,2,3-Trichloropropane	mg/kg	0.0014 U	0.0047	0.0014	04/04/23 12:16	
1,2-Dibromo-3-chloropropane	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
1,2-Dibromoethane (EDB)	mg/kg	0.00070 U	0.0047	0.00070	04/04/23 12:16	
1,2-Dichlorobenzene	mg/kg	0.00072 U	0.0047	0.00072	04/04/23 12:16	
1,2-Dichloroethane	mg/kg	0.00073 U	0.0047	0.00073	04/04/23 12:16	
1,2-Dichloroethene (Total)	mg/kg	0.0029 U	0.0047	0.0029	04/04/23 12:16	
1,2-Dichloropropane	mg/kg	0.00087 U	0.0047	0.00087	04/04/23 12:16	
1,4-Dichlorobenzene	mg/kg	0.00063 U	0.0047	0.00063	04/04/23 12:16	
2-Butanone (MEK)	mg/kg	0.0047 U	0.047	0.0047	04/04/23 12:16	
2-Hexanone	mg/kg	0.0047 U	0.024	0.0047	04/04/23 12:16	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0047 U	0.024	0.0047	04/04/23 12:16	
Acetone	mg/kg	0.0084 U	0.047	0.0084	04/04/23 12:16	
Acetonitrile	mg/kg	0.0042 U	0.047	0.0042	04/04/23 12:16	
Benzene	mg/kg	0.00094 U	0.0047	0.00094	04/04/23 12:16	
Bromochloromethane	mg/kg	0.00070 U	0.0047	0.00070	04/04/23 12:16	
Bromodichloromethane	mg/kg	0.0010 U	0.0047	0.0010	04/04/23 12:16	
Bromoform	mg/kg	0.0010 U	0.0047	0.0010	04/04/23 12:16	
Bromomethane	mg/kg	0.0017 U	0.0047	0.0017	04/04/23 12:16	
Carbon disulfide	mg/kg	0.0024 U	0.0047	0.0024	04/04/23 12:16	J(v1)
Carbon tetrachloride	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
Chlorobenzene	mg/kg	0.00088 U	0.0047	0.00088	04/04/23 12:16	
Chloroethane	mg/kg	0.0020 U	0.0047	0.0020	04/04/23 12:16	
Chloroform	mg/kg	0.00079 U	0.0047	0.00079	04/04/23 12:16	
Chloromethane	mg/kg	0.00084 U	0.0047	0.00084	04/04/23 12:16	
cis-1,2-Dichloroethene	mg/kg	0.0010 U	0.0047	0.0010	04/04/23 12:16	
cis-1,3-Dichloropropene	mg/kg	0.00094 U	0.0047	0.00094	04/04/23 12:16	
Dibromochloromethane	mg/kg	0.00082 U	0.0047	0.00082	04/04/23 12:16	
Dibromomethane	mg/kg	0.00067 U	0.0047	0.00067	04/04/23 12:16	
Ethylbenzene	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
Iodomethane	mg/kg	0.0010 U	0.0094	0.0010	04/04/23 12:16	J(v1)
Isopropylbenzene (Cumene)	mg/kg	0.0012 U	0.0047	0.0012	04/04/23 12:16	
m&p-Xylene	mg/kg	0.0048 U	0.0094	0.0048	04/04/23 12:16	
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.0047	0.0014	04/04/23 12:16	
Methylene Chloride	mg/kg	0.0042 U	0.0047	0.0042	04/04/23 12:16	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

METHOD BLANK: 4981373

Matrix: Solid

Associated Lab Samples: 35789703001, 35789703002, 35789703003, 35789703004, 35789703005, 35789703006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.00091 U	0.0047	0.00091	04/04/23 12:16	
Styrene	mg/kg	0.0024 U	0.0047	0.0024	04/04/23 12:16	
Tetrachloroethene	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
Toluene	mg/kg	0.00076 U	0.0047	0.00076	04/04/23 12:16	
trans-1,2-Dichloroethene	mg/kg	0.0012 U	0.0047	0.0012	04/04/23 12:16	
trans-1,3-Dichloropropene	mg/kg	0.00093 U	0.0047	0.00093	04/04/23 12:16	
trans-1,4-Dichloro-2-butene	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
Trichloroethene	mg/kg	0.0011 U	0.0047	0.0011	04/04/23 12:16	
Trichlorofluoromethane	mg/kg	0.0024 U	0.0047	0.0024	04/04/23 12:16	
Vinyl acetate	mg/kg	0.0015 U	0.0047	0.0015	04/04/23 12:16	
Vinyl chloride	mg/kg	0.00088 U	0.0047	0.00088	04/04/23 12:16	
Xylene (Total)	mg/kg	0.0048 U	0.014	0.0048	04/04/23 12:16	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130		04/04/23 12:16	
4-Bromofluorobenzene (S)	%	95	68-125		04/04/23 12:16	
Toluene-d8 (S)	%	106	70-130		04/04/23 12:16	

LABORATORY CONTROL SAMPLE: 4981374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.020	101	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.023	117	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.021	106	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.020	101	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.023	115	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.024	121	62-131	J(v1)
1,2,3-Trichloropropane	mg/kg	0.02	0.021	103	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.02	0.021	102	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.02	0.020	101	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.020	102	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.021	105	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.04	0.047	116	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.022	107	70-130	
1,4-Dichlorobenzene	mg/kg	0.02	0.021	102	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.099	98	64-121	
2-Hexanone	mg/kg	0.1	0.089	88	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.089	88	70-130	
Acetone	mg/kg	0.1	0.12	118	68-146	
Acetonitrile	mg/kg	0.1	0.12	119	68-131	
Benzene	mg/kg	0.02	0.022	111	70-130	
Bromochloromethane	mg/kg	0.02	0.022	108	70-130	
Bromodichloromethane	mg/kg	0.02	0.023	113	70-130	
Bromoform	mg/kg	0.02	0.019	96	54-129	
Bromomethane	mg/kg	0.02	0.017	84	58-144	
Carbon disulfide	mg/kg	0.02	0.026	131	57-133	J(v1)

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

LABORATORY CONTROL SAMPLE: 4981374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.02	0.022	111	63-137	
Chlorobenzene	mg/kg	0.02	0.020	98	70-130	
Chloroethane	mg/kg	0.02	0.017	86	40-165	
Chloroform	mg/kg	0.02	0.021	102	70-130	
Chloromethane	mg/kg	0.02	0.017	87	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.023	113	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.022	111	70-130	
Dibromochloromethane	mg/kg	0.02	0.020	100	70-130	
Dibromomethane	mg/kg	0.02	0.021	105	70-130	
Ethylbenzene	mg/kg	0.02	0.020	98	70-130	
Iodomethane	mg/kg	0.02	0.024	122	58-137 J(v1)	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.020	97	70-130	
m&p-Xylene	mg/kg	0.04	0.039	97	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.021	106	65-124	
Methylene Chloride	mg/kg	0.02	0.022	108	51-142	
o-Xylene	mg/kg	0.02	0.019	97	70-130	
Styrene	mg/kg	0.02	0.024	118	70-130	
Tetrachloroethene	mg/kg	0.02	0.020	100	70-130	
Toluene	mg/kg	0.02	0.020	100	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.024	118	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.020	99	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.022	111	65-142	
Trichloroethene	mg/kg	0.02	0.022	107	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.018	92	60-148	
Vinyl acetate	mg/kg	0.02	0.019	93	70-130	
Vinyl chloride	mg/kg	0.02	0.018	87	69-124	
Xylene (Total)	mg/kg	0.06	0.058	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			94	68-125	
Toluene-d8 (S)	%			106	70-130	

MATRIX SPIKE SAMPLE: 4981376

Parameter	Units	35789703002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0011 U	0.021	0.020	98	70-130	
1,1,1-Trichloroethane	mg/kg	0.0014 U	0.021	0.022	106	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00066 U	0.021	0.023	111	70-130	
1,1,2-Trichloroethane	mg/kg	0.00063 U	0.021	0.022	106	70-130	
1,1-Dichloroethane	mg/kg	0.0011 U	0.021	0.022	105	70-130	
1,1-Dichloroethene	mg/kg	0.0027 U	0.021	0.025	120	62-131 J(v1)	
1,2,3-Trichloropropane	mg/kg	0.0016 U	0.021	0.024	115	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.0013 U	0.021	0.023	111	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.00080 U	0.021	0.022	103	70-130	
1,2-Dichlorobenzene	mg/kg	0.00082 U	0.021	0.016	76	70-130	
1,2-Dichloroethane	mg/kg	0.00083 U	0.021	0.022	105	70-130	

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### QUALITY CONTROL DATA

Project: Lake Worth FLA

Pace Project No.: 35789703

MATRIX SPIKE SAMPLE: 4981376		35789703002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/kg	0.0033 U	0.041	0.044	105	70-130	
1,2-Dichloropropane	mg/kg	0.00099 U	0.021	0.020	97	70-130	
1,4-Dichlorobenzene	mg/kg	0.00072 U	0.021	0.015	71	70-130	
2-Butanone (MEK)	mg/kg	0.0054 U	0.1	0.10	99	64-121	
2-Hexanone	mg/kg	0.0054 U	0.1	0.11	104	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0054 U	0.1	0.11	106	70-130	
Acetone	mg/kg	0.025 I	0.1	0.14	110	68-146	
Acetonitrile	mg/kg	0.0047 U	0.1	0.12	116	68-131	
Benzene	mg/kg	0.0011 U	0.021	0.020	96	70-130	
Bromochloromethane	mg/kg	0.00080 U	0.021	0.021	99	70-130	
Bromodichloromethane	mg/kg	0.0012 U	0.021	0.020	94	70-130	
Bromoform	mg/kg	0.0012 U	0.021	0.020	94	54-129	
Bromomethane	mg/kg	0.0019 U	0.021	0.014	65	58-144	
Carbon disulfide	mg/kg	0.0027 U	0.021	0.026	125	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.0013 U	0.021	0.021	102	63-137	
Chlorobenzene	mg/kg	0.0010 U	0.021	0.018	86	70-130	
Chloroethane	mg/kg	0.0023 U	0.021	0.015	70	40-165	
Chloroform	mg/kg	0.00090 U	0.021	0.019	91	70-130	
Chloromethane	mg/kg	0.00096 U	0.021	0.015	71	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.021	0.021	101	70-130	
cis-1,3-Dichloropropene	mg/kg	0.0011 U	0.021	0.020	94	70-130	
Dibromochloromethane	mg/kg	0.00093 U	0.021	0.021	100	70-130	
Dibromomethane	mg/kg	0.00076 U	0.021	0.020	94	70-130	
Ethylbenzene	mg/kg	0.0013 U	0.021	0.017	83	70-130	
Iodomethane	mg/kg	0.0012 U	0.021	0.022	105	58-137 J(v1)	
Isopropylbenzene (Cumene)	mg/kg	0.0014 U	0.021	0.016	77	70-130	
m&p-Xylene	mg/kg	0.0055 U	0.041	0.034	79	70-130	
Methyl-tert-butyl ether	mg/kg	0.0016 U	0.021	0.022	106	65-124	
Methylene Chloride	mg/kg	0.0047 U	0.021	0.019	92	51-142	
o-Xylene	mg/kg	0.0010 U	0.021	0.017	82	70-130	
Styrene	mg/kg	0.0027 U	0.021	0.020	97	70-130	
Tetrachloroethene	mg/kg	0.0013 U	0.021	0.024	113	70-130	
Toluene	mg/kg	0.0021 I	0.021	0.021	89	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0014 U	0.021	0.023	109	70-130	
trans-1,3-Dichloropropene	mg/kg	0.0011 U	0.021	0.020	98	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0013 U	0.021	0.023	108	65-142	
Trichloroethene	mg/kg	0.0013 U	0.021	0.021	99	70-130	
Trichlorofluoromethane	mg/kg	0.0027 U	0.021	0.017	82	60-148	
Vinyl acetate	mg/kg	0.0017 U	0.021	0.0031 I	15	70-130 J(M1)	
Vinyl chloride	mg/kg	0.0010 U	0.021	0.015	74	69-124	
Xylene (Total)	mg/kg	0.0055 U	0.062	0.051	82	70-130	
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				94	68-125	
Toluene-d8 (S)	%				95	70-130	

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

SAMPLE DUPLICATE: 4981375

Parameter	Units	35789703001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0013 U	0.0013 U		40	
1,1,1-Trichloroethane	mg/kg	0.0017 U	0.0017 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00080 U	0.00081 U		40	
1,1,2-Trichloroethane	mg/kg	0.00077 U	0.00078 U		40	
1,1-Dichloroethane	mg/kg	0.0013 U	0.0013 U		40	
1,1-Dichloroethene	mg/kg	0.0033 U	0.0033 U		40	J(v1)
1,2,3-Trichloropropane	mg/kg	0.0020 U	0.0020 U		40	
1,2-Dibromo-3-chloropropane	mg/kg	0.0016 U	0.0016 U		40	
1,2-Dibromoethane (EDB)	mg/kg	0.00097 U	0.00098 U		40	
1,2-Dichlorobenzene	mg/kg	0.00099 U	0.0010 U		40	
1,2-Dichloroethane	mg/kg	0.0010 U	0.0010 U		40	
1,2-Dichloroethene (Total)	mg/kg	0.0040 U	0.0041 U		40	
1,2-Dichloropropane	mg/kg	0.0012 U	0.0012 U		40	
1,4-Dichlorobenzene	mg/kg	0.00088 U	0.00089 U		40	
2-Butanone (MEK)	mg/kg	0.0065 U	0.0066 U		40	
2-Hexanone	mg/kg	0.0065 U	0.0066 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0065 U	0.0066 U		40	
Acetone	mg/kg	0.083	0.055 I		40	
Acetonitrile	mg/kg	0.0057 U	0.0058 U		40	
Benzene	mg/kg	0.0013 U	0.0013 U		40	
Bromochloromethane	mg/kg	0.00097 U	0.00098 U		40	
Bromodichloromethane	mg/kg	0.0014 U	0.0015 U		40	
Bromoform	mg/kg	0.0014 U	0.0015 U		40	
Bromomethane	mg/kg	0.0024 U	0.0024 U		40	
Carbon disulfide	mg/kg	0.0033 U	0.0033 U		40	J(v1)
Carbon tetrachloride	mg/kg	0.0016 U	0.0016 U		40	
Chlorobenzene	mg/kg	0.0012 U	0.0012 U		40	
Chloroethane	mg/kg	0.0027 U	0.0028 U		40	
Chloroform	mg/kg	0.0011 U	0.0011 U		40	
Chloromethane	mg/kg	0.0012 U	0.0012 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0014 U	0.0015 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0013 U	0.0013 U		40	
Dibromochloromethane	mg/kg	0.0011 U	0.0012 U		40	
Dibromomethane	mg/kg	0.00093 U	0.00094 U		40	
Ethylbenzene	mg/kg	0.0016 U	0.0016 U		40	
Iodomethane	mg/kg	0.0014 U	0.0015 U		40	J(v1)
Isopropylbenzene (Cumene)	mg/kg	0.0017 U	0.0017 U		40	
m&p-Xylene	mg/kg	0.0067 U	0.0068 U		40	
Methyl-tert-butyl ether	mg/kg	0.0020 U	0.0020 U		40	
Methylene Chloride	mg/kg	0.0057 U	0.0058 U		40	
o-Xylene	mg/kg	0.0013 U	0.0013 U		40	
Styrene	mg/kg	0.0033 U	0.0033 U		40	
Tetrachloroethene	mg/kg	0.0016 U	0.0016 U		40	
Toluene	mg/kg	0.0011 U	0.0011 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0017 U	0.0017 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0013 U	0.0013 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0016 U	0.0016 U		40	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA

Pace Project No.: 35789703

SAMPLE DUPLICATE: 4981375

Parameter	Units	35789703001 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	mg/kg	0.0016 U	0.0016 U		40	
Trichlorofluoromethane	mg/kg	0.0033 U	0.0033 U		40	
Vinyl acetate	mg/kg	0.0021 U	0.0021 U		40	
Vinyl chloride	mg/kg	0.0012 U	0.0012 U		40	
Xylene (Total)	mg/kg	0.0067 U	0.0068 U		40	
1,2-Dichlorobenzene-d4 (S)	%	99	101		40	
4-Bromofluorobenzene (S)	%	91	94		40	
Toluene-d8 (S)	%	104	94		40	

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

QC Batch: 906391 Analysis Method: EPA 8270  
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave Short Spike  
Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35789703002, 35789703004, 35789703005

METHOD BLANK: 4981173 Matrix: Solid

Associated Lab Samples: 35789703002, 35789703004, 35789703005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	04/04/23 15:23	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	04/04/23 15:23	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	04/04/23 15:23	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	04/04/23 15:23	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	04/04/23 15:23	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	04/04/23 15:23	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	04/04/23 15:23	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	04/04/23 15:23	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	04/04/23 15:23	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	04/04/23 15:23	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	04/04/23 15:23	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	04/04/23 15:23	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	04/04/23 15:23	
Fluorene	mg/kg	0.012 U	0.037	0.012	04/04/23 15:23	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	04/04/23 15:23	
Naphthalene	mg/kg	0.012 U	0.035	0.012	04/04/23 15:23	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	04/04/23 15:23	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	04/04/23 15:23	
2-Fluorobiphenyl (S)	%	65	29-101		04/04/23 15:23	
Nitrobenzene-d5 (S)	%	53	24-98		04/04/23 15:23	
p-Terphenyl-d14 (S)	%	80	29-112		04/04/23 15:23	

LABORATORY CONTROL SAMPLE: 4981174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.0	62	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.1	63	37-115	
Acenaphthene	mg/kg	1.7	1.0	60	30-127	
Acenaphthylene	mg/kg	1.7	1.0	61	29-129	
Anthracene	mg/kg	1.7	1.1	68	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.2	70	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.2	74	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	70	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.0	62	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.2	72	39-133	
Chrysene	mg/kg	1.7	1.2	71	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.1	66	37-127	
Fluoranthene	mg/kg	1.7	1.2	70	39-130	
Fluorene	mg/kg	1.7	1.1	64	35-125	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

LABORATORY CONTROL SAMPLE: 4981174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.0	61	35-133	
Naphthalene	mg/kg	1.7	1.0	61	36-115	
Phenanthrene	mg/kg	1.7	1.1	66	35-128	
Pyrene	mg/kg	1.7	1.1	67	37-132	
2-Fluorobiphenyl (S)	%			66	29-101	
Nitrobenzene-d5 (S)	%			53	24-98	
p-Terphenyl-d14 (S)	%			76	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4981291 4981292

Parameter	Units	4981291		4981292		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35789618001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1-Methylnaphthalene	mg/kg	0.0056 U	1.7	1.7	1.0	0.92	60	55	38-115	9	40
2-Methylnaphthalene	mg/kg	0.0053 U	1.7	1.7	1.0	0.93	61	55	37-115	10	40
Acenaphthene	mg/kg	0.016 U	1.7	1.7	1.0	0.96	61	57	30-127	6	40
Acenaphthylene	mg/kg	0.0053 U	1.7	1.7	1.0	0.95	61	57	29-129	8	40
Anthracene	mg/kg	0.0046 U	1.7	1.7	1.2	1.2	73	70	37-126	5	40
Benzo(a)anthracene	mg/kg	0.0045 U	1.7	1.7	1.3	1.2	76	72	37-130	5	40
Benzo(a)pyrene	mg/kg	0.0084 U	1.7	1.7	1.3	1.3	79	75	39-128	6	40
Benzo(b)fluoranthene	mg/kg	0.011 I	1.7	1.7	1.3	1.2	75	73	38-128	3	40
Benzo(g,h,i)perylene	mg/kg	0.0085 U	1.7	1.7	1.2	1.1	72	63	34-136	14	40
Benzo(k)fluoranthene	mg/kg	0.0090 U	1.7	1.7	1.3	1.2	78	73	39-133	7	40
Chrysene	mg/kg	0.0045 U	1.7	1.7	1.3	1.2	77	74	39-125	5	40
Dibenz(a,h)anthracene	mg/kg	0.0078 U	1.7	1.7	1.2	1.1	74	66	37-127	11	40
Fluoranthene	mg/kg	0.012 I	1.7	1.7	1.3	1.2	76	70	39-130	7	40
Fluorene	mg/kg	0.012 U	1.7	1.7	1.1	1.0	67	62	35-125	7	40
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	1.7	1.7	1.1	1.0	68	61	35-133	11	40
Naphthalene	mg/kg	0.012 U	1.7	1.7	0.97	0.88	58	53	36-115	9	40
Phenanthrene	mg/kg	0.0048 U	1.7	1.7	1.2	1.2	72	69	35-128	5	40
Pyrene	mg/kg	0.0098 I	1.7	1.7	1.3	1.2	74	69	37-132	7	40
2-Fluorobiphenyl (S)	%						65	61	29-101		
Nitrobenzene-d5 (S)	%						50	45	24-98		
p-Terphenyl-d14 (S)	%						84	78	29-112		

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### QUALITY CONTROL DATA

Project: Lake Worth FLA  
Pace Project No.: 35789703

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QC Batch:	906437	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35789703001, 35789703002, 35789703003, 35789703004, 35789703005, 35789703006

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SAMPLE DUPLICATE: 4981354

Parameter	Units	35789253001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.5	6.8	5	10	

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SAMPLE DUPLICATE: 4981355

Parameter	Units	35789268014 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	97.6	97.6	0	10	

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SAMPLE DUPLICATE: 4981356

Parameter	Units	35789268034 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	97.5	97.5	0	10	

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SAMPLE DUPLICATE: 4981357

Parameter	Units	35789703001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.6	20.7	1	10	

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## QUALIFIERS

Project: Lake Worth FLA  
Pace Project No.: 35789703

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### 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 adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(R1) Estimated Value. RPD value was outside control limits.
- J(v1) The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lake Worth FLA  
Pace Project No.: 35789703

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35789703002	SB-2 (1-2')	EPA 3050	906416	EPA 6010	906478
35789703004	SB-4 (1-2')	EPA 3050	906416	EPA 6010	906478
35789703005	SB-5 (0.5-1')	EPA 3050	906416	EPA 6010	906478
35789703002	SB-2 (1-2')	EPA 7471	906690	EPA 7471	906869
35789703004	SB-4 (1-2')	EPA 7471	906690	EPA 7471	906869
35789703005	SB-5 (0.5-1')	EPA 7471	906690	EPA 7471	906869
35789703002	SB-2 (1-2')	EPA 3546	906391	EPA 8270	906525
35789703004	SB-4 (1-2')	EPA 3546	906391	EPA 8270	906525
35789703005	SB-5 (0.5-1')	EPA 3546	906391	EPA 8270	906525
35789703001	SB-1 (1-2')	EPA 5035	906444	EPA 8260	906551
35789703002	SB-2 (1-2')	EPA 5035	906444	EPA 8260	906551
35789703003	SB-3 (1-2')	EPA 5035	906444	EPA 8260	906551
35789703004	SB-4 (1-2')	EPA 5035	906444	EPA 8260	906551
35789703005	SB-5 (0.5-1')	EPA 5035	906444	EPA 8260	906551
35789703006	SB-6 (13-15)	EPA 5035	906444	EPA 8260	906551
35789703001	SB-1 (1-2')	ASTM D2974-87	906437		
35789703002	SB-2 (1-2')	ASTM D2974-87	906437		
35789703003	SB-3 (1-2')	ASTM D2974-87	906437		
35789703004	SB-4 (1-2')	ASTM D2974-87	906437		
35789703005	SB-5 (0.5-1')	ASTM D2974-87	906437		
35789703006	SB-6 (13-15)	ASTM D2974-87	906437		

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately. Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

## Section A

**Required Client Information:**  
 Company: BL Companies  
 Address: 355 Research Parkway  
 Meriden, CT 06450  
 Email: jlangford@blcompanies.com  
 Phone: 203-608-2410  
 Requested Due Date:

**Required Project Information:**  
 Report To: Jordana Langford  
 Copy To:  
 Purchase Order #: Lake Worth FLA  
 Project Name: 2300443  
 Project #: 2300443

**Invoice Information:**  
 Attention: Jordana Langford  
 Company Name:  
 Address:  
 Pace Project Manager: christina.raschke@pacelabs.com  
 Pace Profile #: FL

**Regulatory Agency**  
**State / Location**

## Section B

**Requested Analysis Filtered (Y/N)**

Residual Chlorine (Y/N)	
13 PP Metals	
8270 PAH	
8260 VOC	

ITEM #	MATRIX	CODE	COLLECTED		DATE	TIME	SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Unpreserved	H2SO4	HN03	HCl	NaOH	Na2S2O3	Methanol	Other Preservative (Vol)	Y/N	Analyses Test	Y/N	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Received on	Ice (Y/N)	Custody Sealed (Y/N)	Cooler (Y/N)	Samples Intact (Y/N)
			START	END																											
1	SB-1 (1-2')	SL	4/3	11:15	4/3	11:15	SL	4	4	402									X		6/1/2015	16:57		6/1/2015	16:57	Y	Y	Y	Y	Y	
2	SB-2 (1-2')			12:09		12:09		5	5										X		4/3/2015	22:42		4/3/2015	22:42	Y	Y	Y	Y	Y	
3	SB-3 (1-2')			12:30		12:30		4	4										X												
4	SB-4 (1-2')			13:00		13:00		5	5										X												
5	SB-5 (0.5-1')			13:20		13:20		5	5										X												
6	SB-6 (13-15)			15:30		15:30		4	4										X												
7																															
8																															
9																															
10																															
11																															
12																															

**ADDITIONAL COMMENTS**  
 4 Day turn-around

**RELINQUISHED BY / AFFILIATION**  
 Tom Killalea / BL

**DATE**  
 4/3

**TIME**  
 16:50

**ACCEPTED BY / AFFILIATION**  
 Tom Killalea

**DATE**  
 4/3

**TIME**  
 22:42

**SAMPLE CONDITIONS**  
 Received on: 6/1/2015 16:57  
 Ice (Y/N): Y  
 Custody Sealed (Y/N): Y  
 Cooler (Y/N): Y  
 Samples Intact (Y/N): Y

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: TOM KILLALEA  
 SIGNATURE of SAMPLER: [Signature]

**DATE Signed:** 4/3/15



Sample Condition Upon Receipt Form (SCUR)

Project #  
 Project Manager:  
 Client:

**WO#: 35789703**  
 PM: BAD Due Date: 04/11/23  
 CLIENT: 36-BLCOMP

Date and Initials of person:  
 Examining contents: \_\_\_\_\_  
 Label: OTW  
 Deliver: \_\_\_\_\_  
 pH: \_\_\_\_\_  
 Initials: NCP

Thermometer Used: T-408 Date: 4/13/23 Time: 2313

State of Origin: \_\_\_\_\_  For WV projects, all containers verified to ≤6 °C  
 Cooler #1 Temp. °C 9.9 (Visual) +0.1 (Correction Factor) 5.0 (Actual)  
 Cooler #2 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #3 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #4 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #5 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #6 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Recheck for OOT °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.  
 Time: \_\_\_\_\_ Initials: \_\_\_\_\_

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other: \_\_\_\_\_  
 Shipping Method:  Standard Overnight  First Overnight  Priority Overnight  Ground  International Priority  Other: commercial  
 Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking # \_\_\_\_\_  
 Custody Seal Present:  Yes  No Seal properly placed and intact:  Yes  No Ice:  Wet  Blue  Dry  None  Melted

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_  
 Samples shorted to lab:  Yes  No (If yes, complete the following)  
 Shorted Date: \_\_\_\_\_ Shorted Time: \_\_\_\_\_  
 Bottle Quantity / Type: \_\_\_\_\_

Chain of Custody:	Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A   Pace Relinquished: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampler Accepted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A								
	Sampler Name: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampler Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampling Date(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampling Time(s): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A								
Samples Arrived within Hold Time.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____								
Rush Turnaround Requested on COC.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: <u>4 days</u>								
Sufficient Volume.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____								
Correct Containers Used.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____								
Containers Intact.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____								
Sample Labels Match COC (Sample ID, Date/Time of Collection).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Comments: _____								
All containers needing acid / base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A								
All containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A								
Exceptions: Vials, Microbiology, O&G, PFAS									
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A								
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A								
<table border="1"> <thead> <tr> <th colspan="2">Preservation Information</th> </tr> </thead> <tbody> <tr> <td>Preservative: _____</td> <td>Date: _____</td> </tr> <tr> <td>Lot / Trace: _____</td> <td>Time: _____</td> </tr> <tr> <td>Amount added (mL): _____</td> <td>Initials: _____</td> </tr> </tbody> </table>		Preservation Information		Preservative: _____	Date: _____	Lot / Trace: _____	Time: _____	Amount added (mL): _____	Initials: _____
Preservation Information									
Preservative: _____	Date: _____								
Lot / Trace: _____	Time: _____								
Amount added (mL): _____	Initials: _____								
Comments / Resolutions (use back for additional comments): <u>No profile / line</u>									



Sample Condition Upon Receipt Form (SCUR)

Project #  
 Project Manager:  
 Client:

**WO# : 35789703**  
**PM: BAD      Due Date: 04/11/23**  
**CLIENT: 36-BLCOMP**

Date and Initials of person: \_\_\_\_\_  
 Examining contents: \_\_\_\_\_  
 Label: \_\_\_\_\_  
 Deliver: \_\_\_\_\_  
 pH: \_\_\_\_\_  
 Initials: KO

Thermometer Used: T-398      Date: 04/03/2023      Time: 1811      Initials: KO

State of Origin: \_\_\_\_\_  For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp.°C 5.1 (Visual) 0.5 (Correction Factor) 5.6 (Actual)  
 Cooler #2 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #3 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #4 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #5 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)  
 Cooler #6 Temp.°C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.  
 Samples on ice, cooling process has begun.

Recheck for OOT °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Time: \_\_\_\_\_ Initials: \_\_\_\_\_

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other: \_\_\_\_\_

Shipping Method:  Standard Overnight  First Overnight  Priority Overnight  Ground  International Priority  Other: \_\_\_\_\_

Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking # \_\_\_\_\_

Custody Seal Present:  Yes  No Seal properly placed and intact:  Yes  No

Ice:  Wet  Blue  Dry  None  Melted

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_

Samples shorted to lab:  Yes  No (If yes, complete the following)

Shorted Date: \_\_\_\_\_

Shorted Time: \_\_\_\_\_

Bottle Quantity / Type: \_\_\_\_\_

Chain of Custody:	Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Pace Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampler Accepted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
	Sampler Name: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampler Relinquished: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampling Date(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampling Time(s): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Samples Arrived within Hold Time,	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
Rush Turnaround Requested on COC,	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
Sufficient Volume,	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
Correct Containers Used,	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
Containers Intact,	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
Sample Labels Match COC (Sample ID, Date/Time of Collection),	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:	
All containers needing acid / base preservation have been checked,	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<b>Preservation Information</b> Preservative: _____ Date: _____ Lot / Trace: _____ Time: _____ Amount added (mL): _____ Initials: _____	
All containers needing preservation are found to be in compliance with EPA recommendation: <small>Exceptions: Vials, Microbiology, O&amp;G, PFAS</small>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

Comments / Resolutions (use back for additional comments):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_